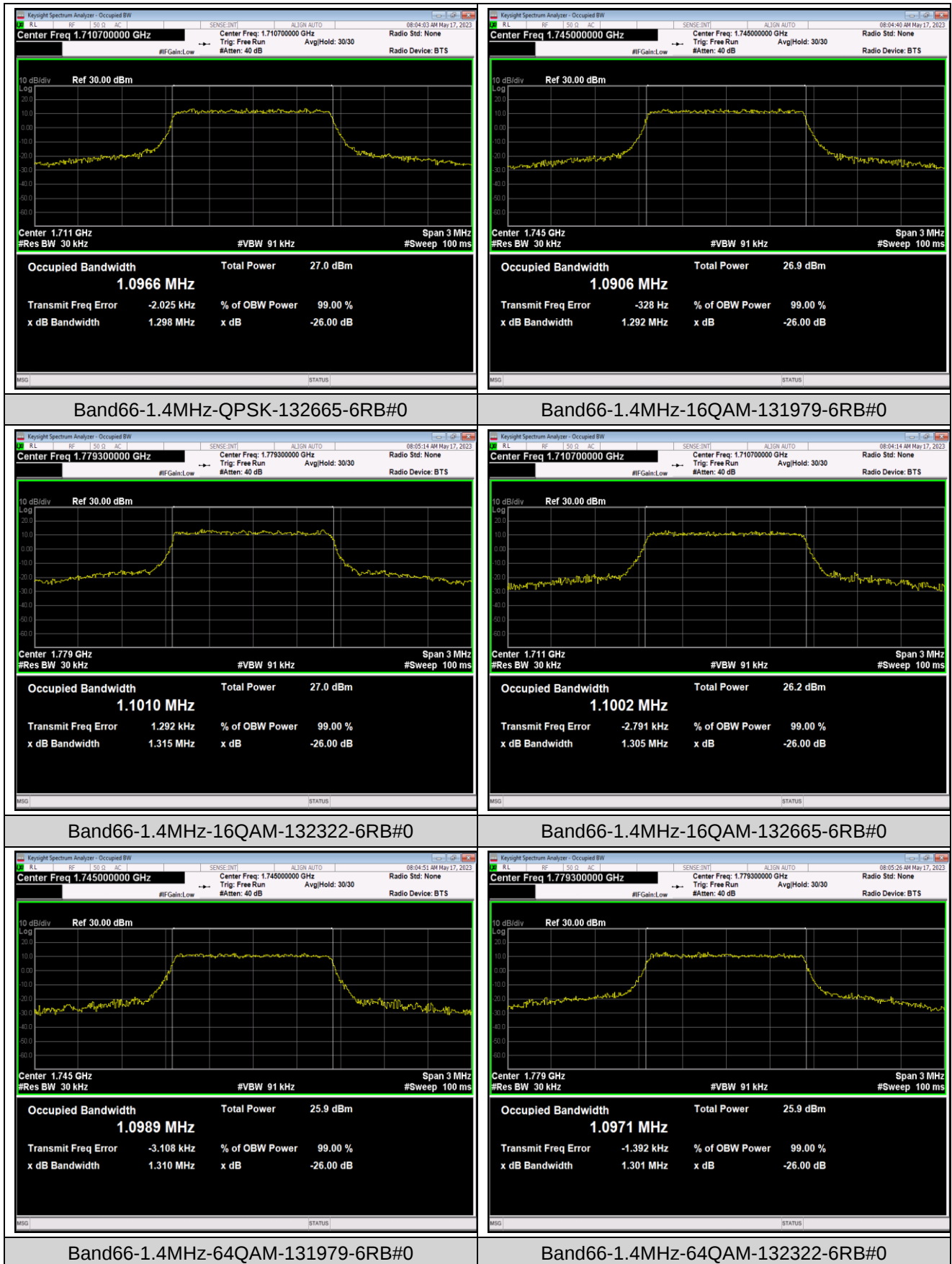
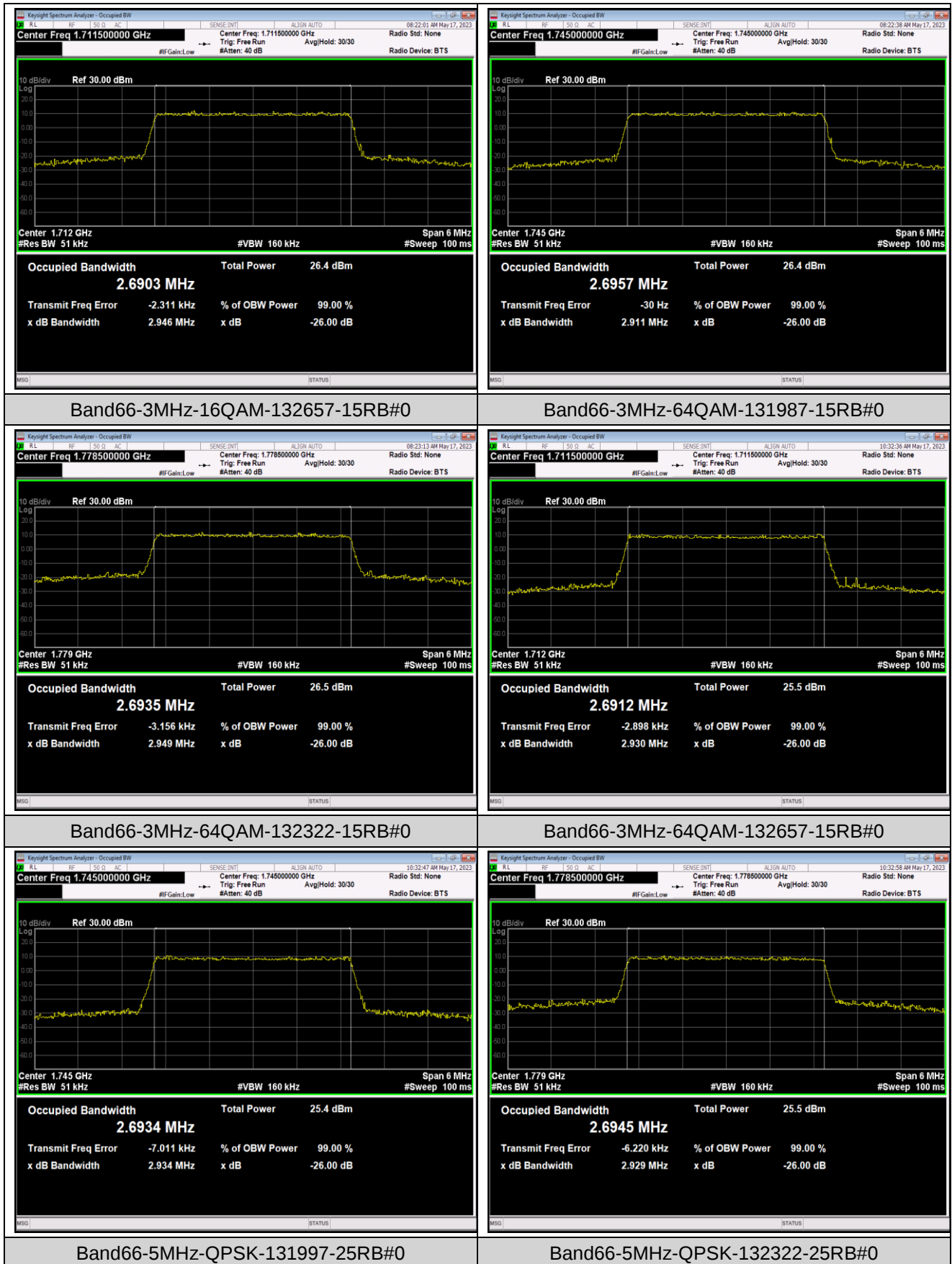
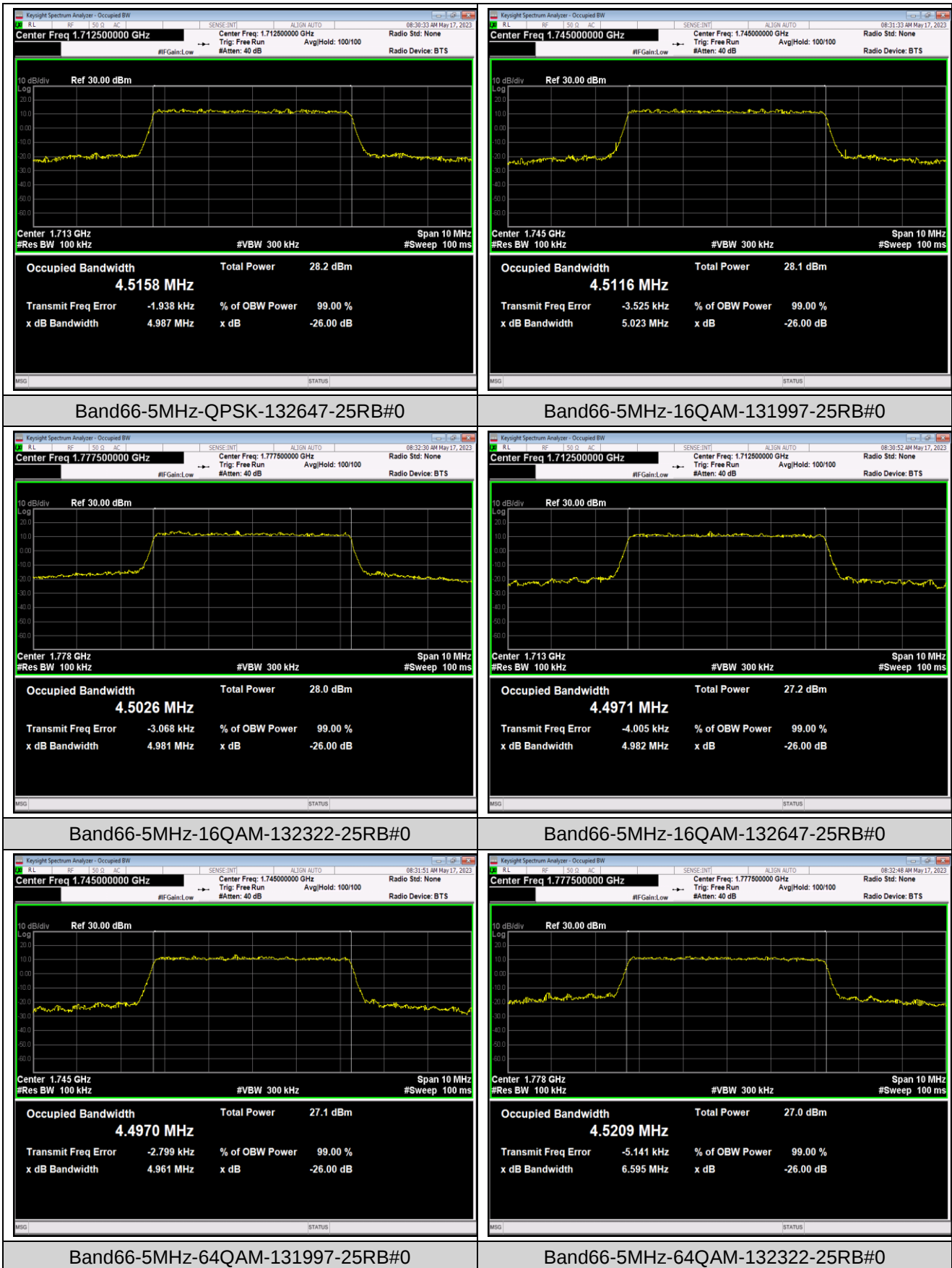
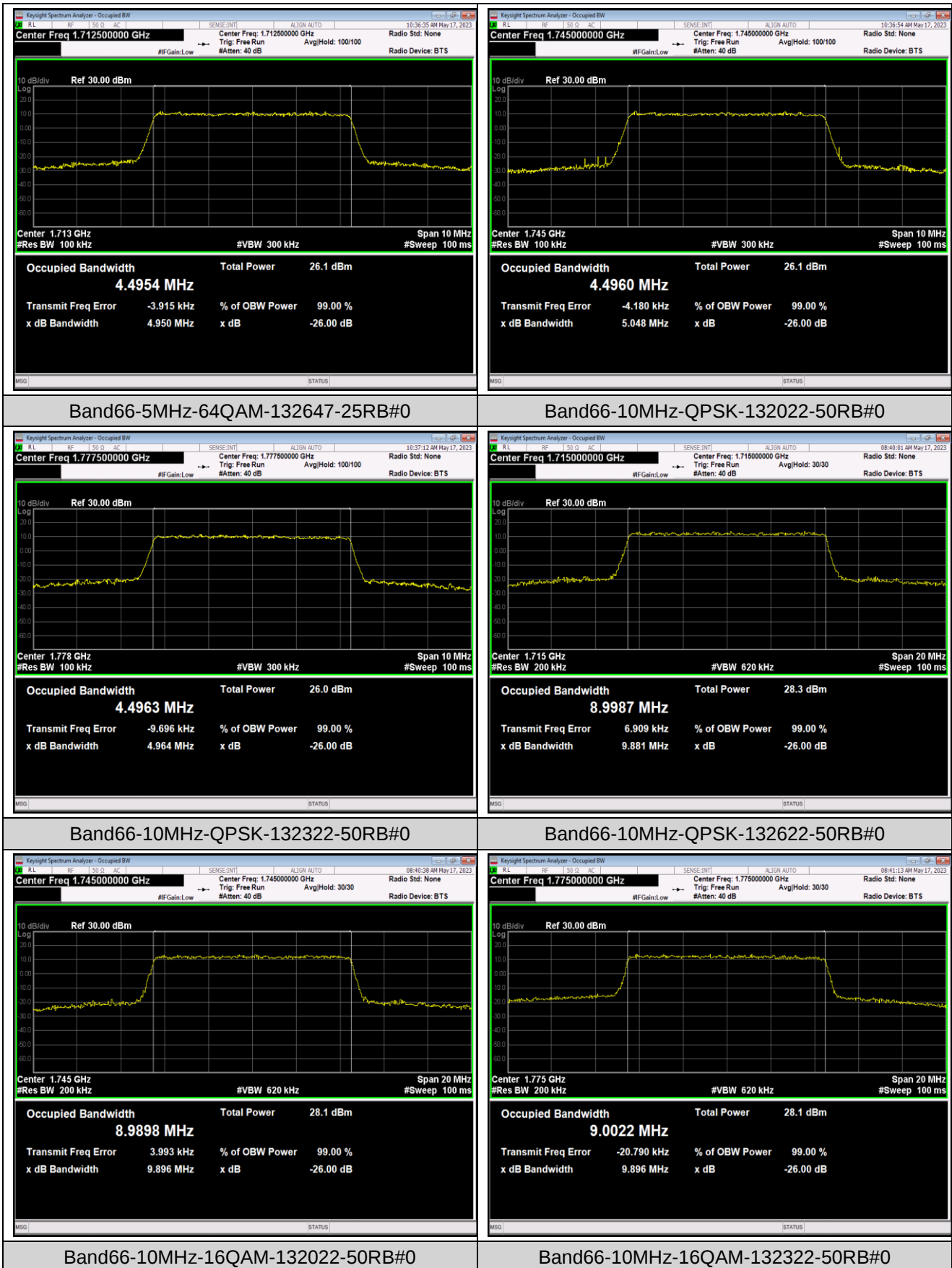


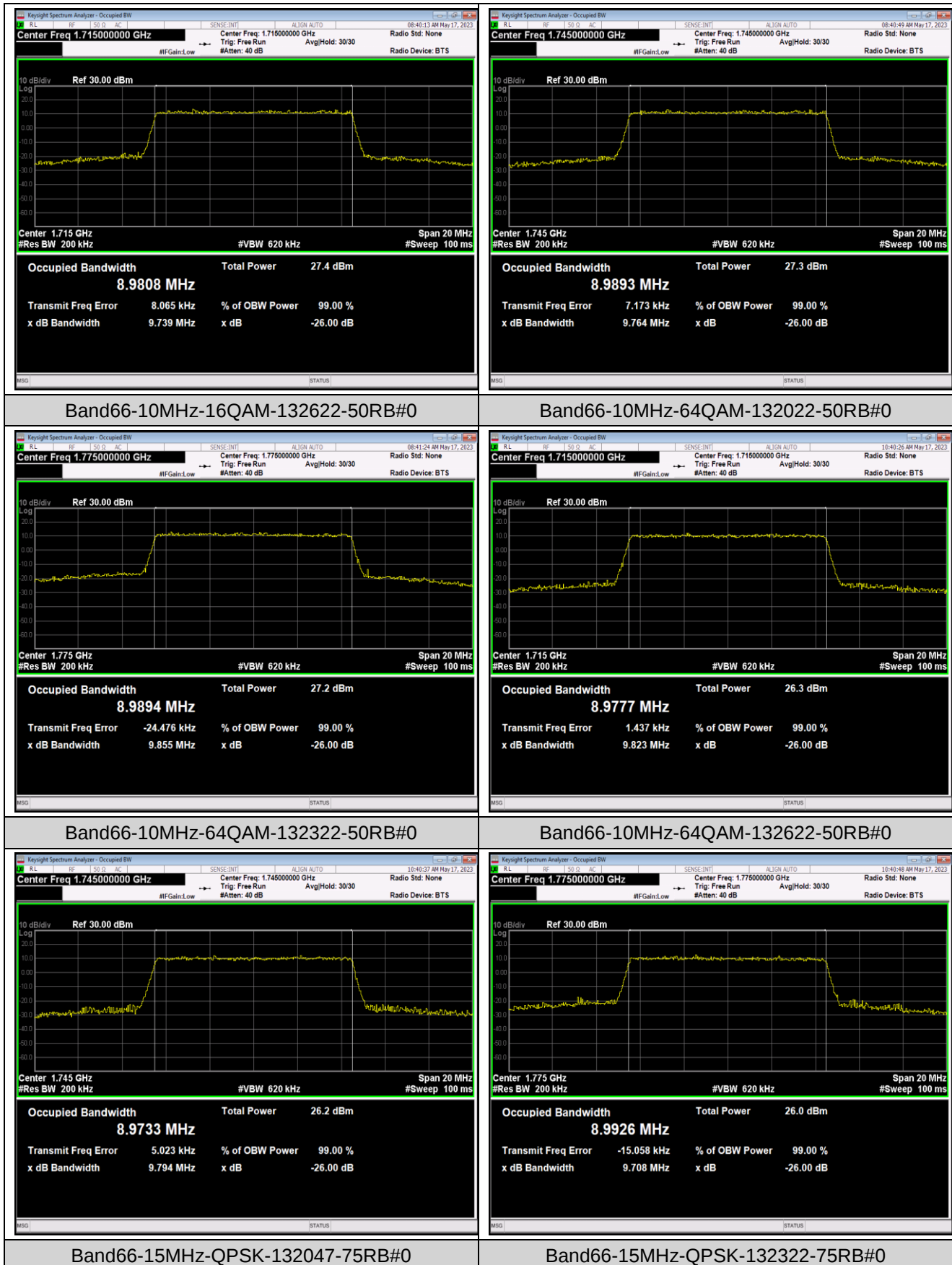


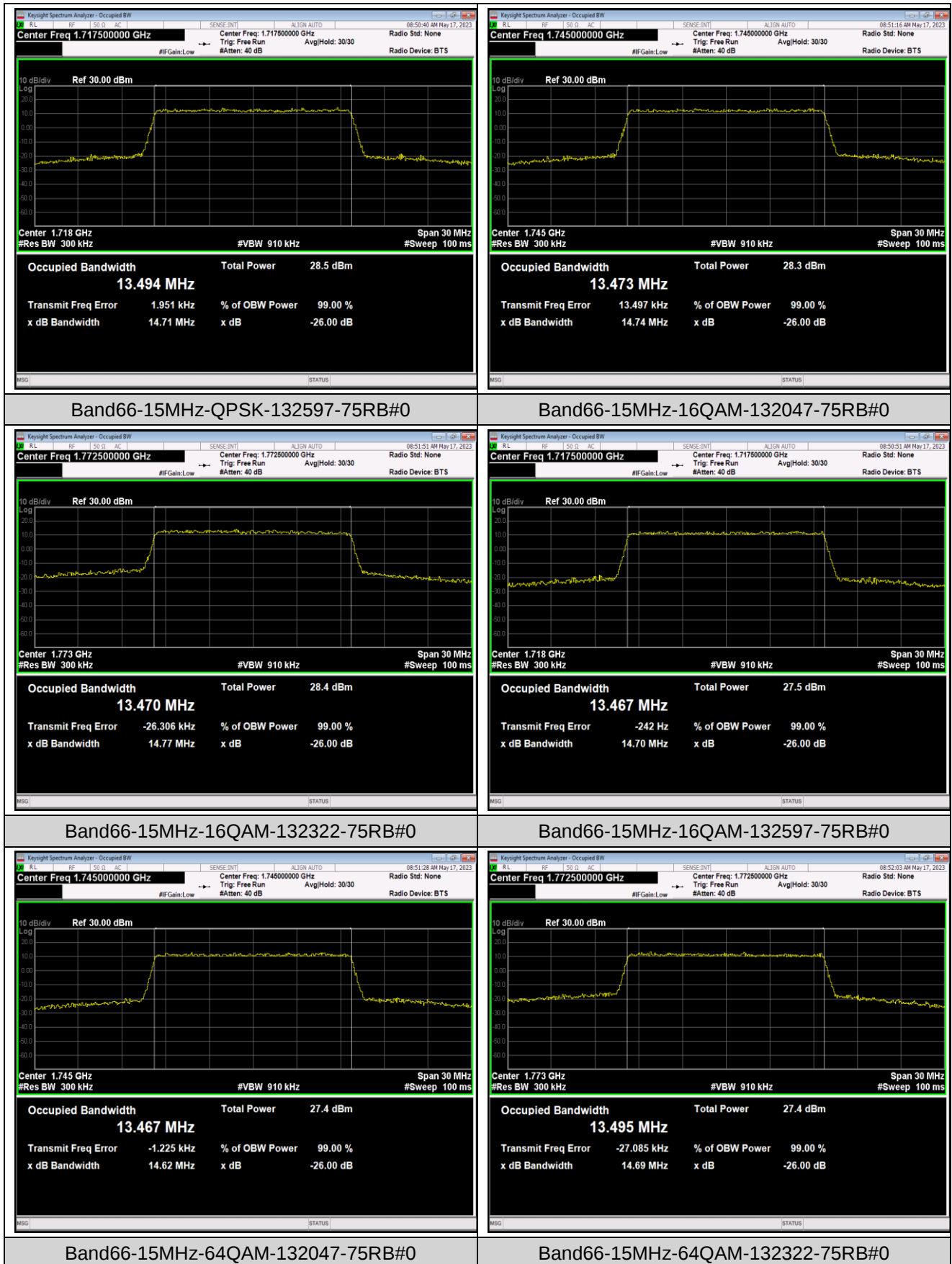


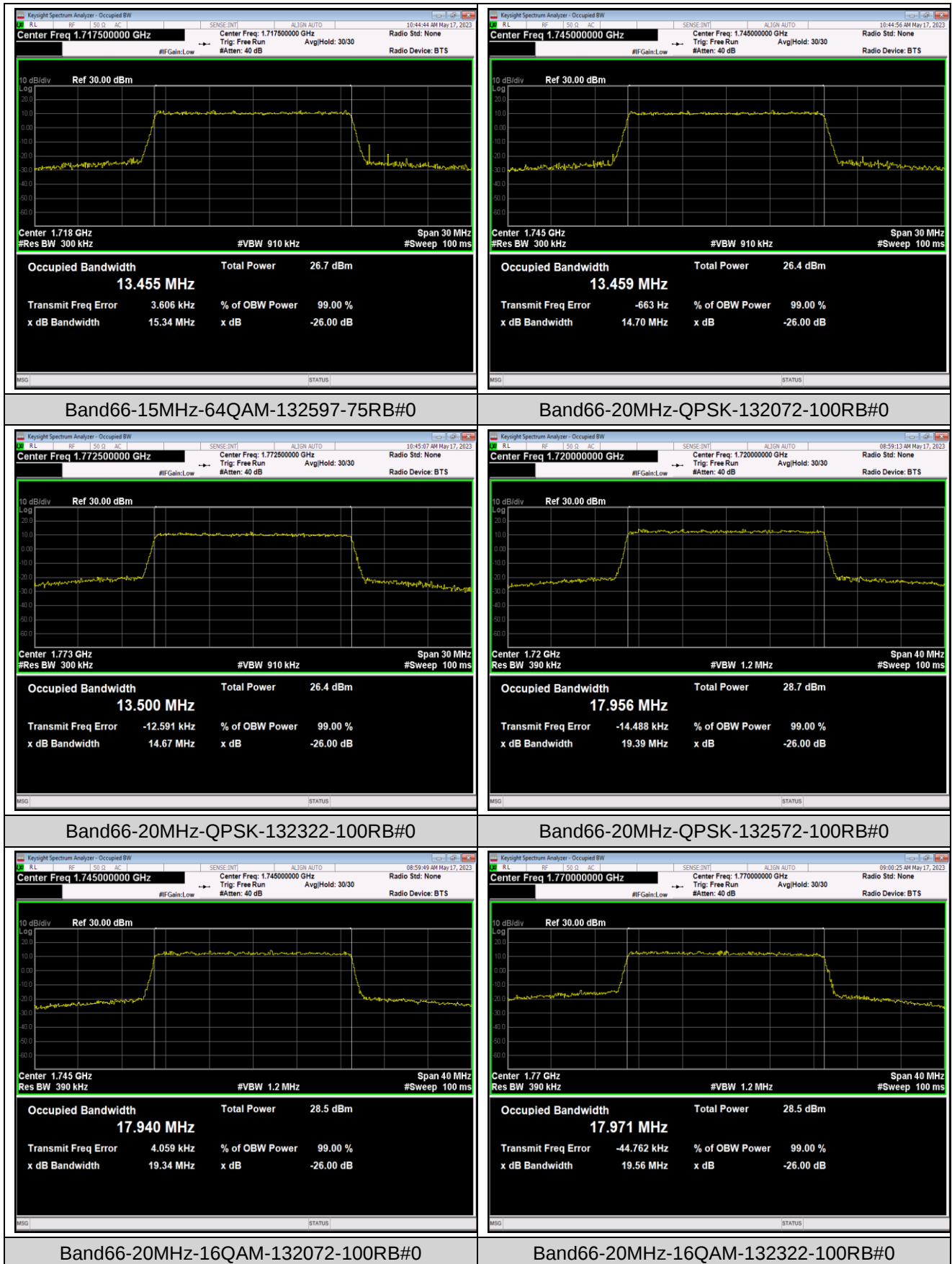


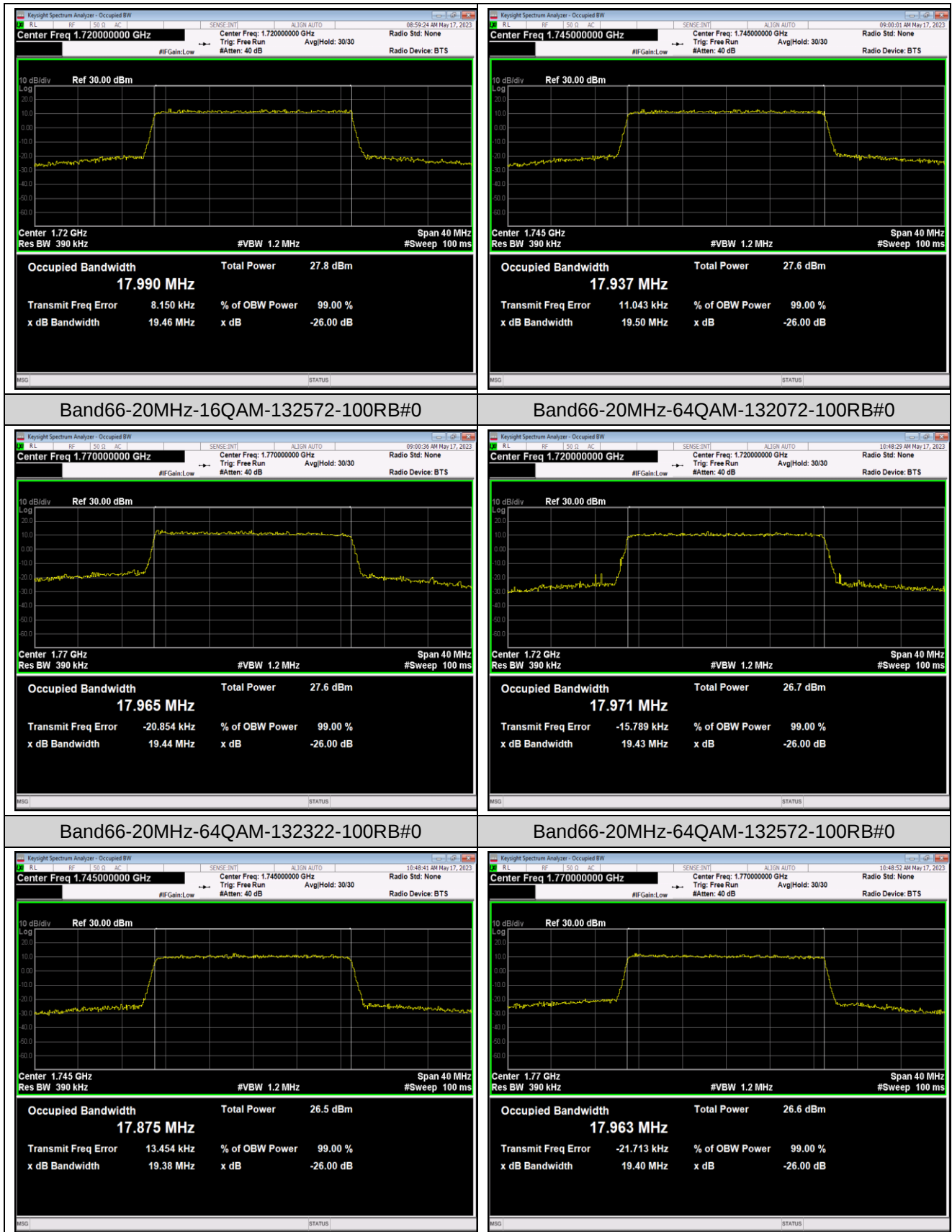












## Appendix D: Band Edge

### Test Result (worst case)

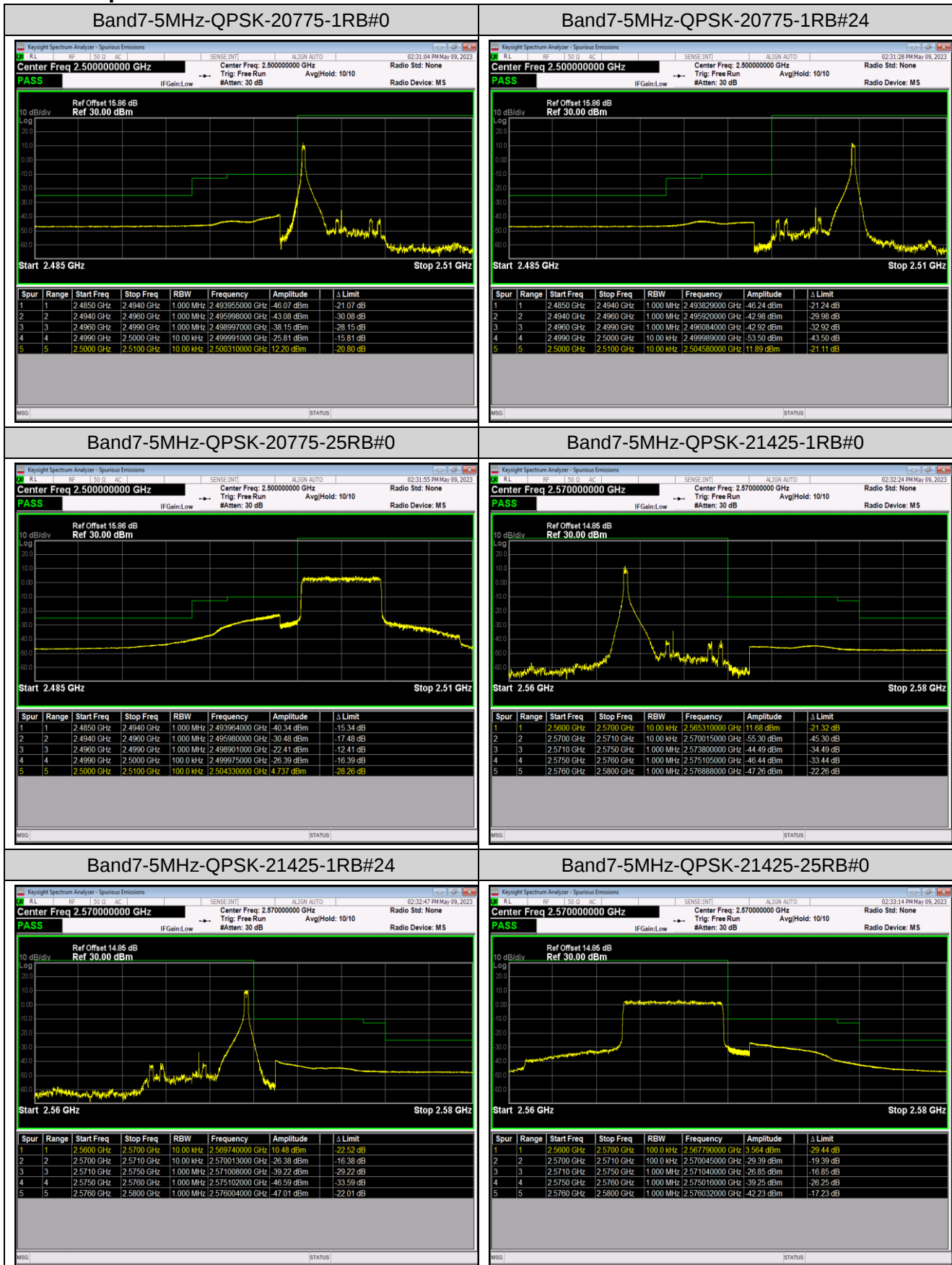
| Band  | Bandwidth | Modulation | Channel | RB Config. | Result (dBm)                | Verdict |
|-------|-----------|------------|---------|------------|-----------------------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0      | -46.07,-43.08,-38.15,-25.81 | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24     | -46.24,-42.98,-42.92,-53.50 | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0     | -40.34,-30.48,-22.41,-26.39 | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0      | -55.30,-44.49,-46.44,-47.26 | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24     | -26.38,-39.22,-46.59,-47.01 | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0     | -29.39,-26.85,-39.25,-42.23 | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0      | -46.32,-43.94,-39.40,-27.31 | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#24     | -46.46,-42.96,-42.90,-55.73 | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0     | -41.24,-34.36,-26.55,-29.61 | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0      | -57.54,-43.89,-46.63,-47.20 | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#24     | -26.98,-40.10,-46.62,-46.92 | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0     | -32.79,-31.14,-40.48,-42.86 | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 1RB#0      | -46.43,-44.84,-40.16,-26.34 | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 1RB#24     | -46.44,-43.81,-43.70,-56.16 | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 25RB#0     | -43.65,-38.98,-34.21,-35.53 | PASS    |
| Band7 | 5MHz      | 64QAM      | 21425   | 1RB#0      | -57.04,-44.77,-46.56,-47.27 | PASS    |
| Band7 | 5MHz      | 64QAM      | 21425   | 1RB#24     | -29.32,-40.82,-46.65,-47.06 | PASS    |
| Band7 | 5MHz      | 64QAM      | 21425   | 25RB#0     | -38.46,-35.34,-42.63,-44.46 | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#0      | -43.75,-42.05,-37.74        | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 1RB#99     | -45.73,-45.71,-58.83        | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0    | -32.54,-28.79,-26.55,-29.61 | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#0      | -60.12,-46.51,-46.82,-47.62 | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 1RB#99     | -39.11,-42.97,-45.86,-47.61 | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0    | -32.60,-29.30,-32.25,-46.22 | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 1RB#0      | -44.04,-42.41,-38.26        | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 1RB#99     | -45.71,-45.77,-59.37        | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0    | -36.27,-32.20,-30.07,-33.35 | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 1RB#0      | -60.34,-46.57,-46.85,-47.64 | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 1RB#99     | -41.44,-43.37,-46.17,-47.62 | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0    | -35.70,-33.10,-35.70,-46.24 | PASS    |
| Band7 | 20MHz     | 64QAM      | 20850   | 1RB#0      | -44.18,-43.49,-41.41        | PASS    |
| Band7 | 20MHz     | 64QAM      | 20850   | 1RB#99     | -46.02,-45.61,-59.73        | PASS    |
| Band7 | 20MHz     | 64QAM      | 20850   | 100RB#0    | -41.90,-38.69,-37.68,-40.02 | PASS    |
| Band7 | 20MHz     | 64QAM      | 21350   | 1RB#0      | -59.74,-46.70,-46.98,-47.58 | PASS    |
| Band7 | 20MHz     | 64QAM      | 21350   | 1RB#99     | -42.96,-44.14,-46.11,-47.58 | PASS    |

|        |        |       |        |         |                             |      |
|--------|--------|-------|--------|---------|-----------------------------|------|
| Band7  | 20MHz  | 64QAM | 21350  | 100RB#0 | -41.55,-38.94,-40.74,-46.63 | PASS |
| Band41 | 5MHz   | QPSK  | 39675  | 1RB#0   | -46.60,-46.28,-41.88,-30.39 | PASS |
| Band41 | 5MHz   | QPSK  | 39675  | 1RB#24  | -46.66,-46.14,-44.03,-56.33 | PASS |
| Band41 | 5MHz   | QPSK  | 39675  | 25RB#0  | -44.44,-42.65,-35.61,-37.64 | PASS |
| Band41 | 5MHz   | QPSK  | 41565  | 1RB#0   | -58.95,-45.21,-46.51,-46.88 | PASS |
| Band41 | 5MHz   | QPSK  | 41565  | 1RB#24  | -30.90,-42.41,-46.64,-46.81 | PASS |
| Band41 | 5MHz   | QPSK  | 41565  | 25RB#0  | -38.32,-34.58,-44.15,-45.47 | PASS |
| Band41 | 5MHz   | 16QAM | 39675  | 1RB#0   | -46.65,-46.46,-42.88,-31.67 | PASS |
| Band41 | 5MHz   | 16QAM | 39675  | 1RB#24  | -46.68,-46.24,-43.91,-56.08 | PASS |
| Band41 | 5MHz   | 16QAM | 39675  | 25RB#0  | -44.87,-43.00,-36.13,-39.79 | PASS |
| Band41 | 5MHz   | 16QAM | 41565  | 1RB#0   | -55.17,-45.04,-46.55,-46.93 | PASS |
| Band41 | 5MHz   | 16QAM | 41565  | 1RB#24  | -33.00,-42.92,-46.64,-46.78 | PASS |
| Band41 | 5MHz   | 16QAM | 41565  | 25RB#0  | -40.53,-35.87,-44.31,-45.40 | PASS |
| Band41 | 5MHz   | 64QAM | 39675  | 1RB#0   | -46.72,-46.57,-43.48,-31.05 | PASS |
| Band41 | 5MHz   | 64QAM | 39675  | 1RB#24  | -46.79,-46.41,-44.61,-59.38 | PASS |
| Band41 | 5MHz   | 64QAM | 39675  | 25RB#0  | -45.60,-44.37,-37.32,-40.67 | PASS |
| Band41 | 5MHz   | 64QAM | 41565  | 1RB#0   | -59.03,-45.52,-46.69,-46.98 | PASS |
| Band41 | 5MHz   | 64QAM | 41565  | 1RB#24  | -33.60,-43.73,-46.77,-46.96 | PASS |
| Band41 | 5MHz   | 64QAM | 41565  | 25RB#0  | -41.99,-36.73,-44.75,-45.48 | PASS |
| Band41 | 20MHz  | QPSK  | 39750  | 1RB#0   | -47.04,-44.39,-44.84,-43.73 | PASS |
| Band41 | 20MHz  | QPSK  | 39750  | 1RB#99  | -47.03,-46.26,-46.53,-62.47 | PASS |
| Band41 | 20MHz  | QPSK  | 39750  | 100RB#0 | -45.98,-41.65,-40.29,-43.92 | PASS |
| Band41 | 20MHz  | QPSK  | 41490  | 1RB#0   | -62.64,-46.78,-46.56,-47.33 | PASS |
| Band41 | 20MHz  | QPSK  | 41490  | 1RB#99  | -44.58,-45.56,-46.05,-47.32 | PASS |
| Band41 | 20MHz  | QPSK  | 41490  | 100RB#0 | -42.59,-39.49,-40.80,-45.88 | PASS |
| Band41 | 20MHz  | 16QAM | 39750  | 1RB#0   | -47.02,-45.26,-45.13,-44.46 | PASS |
| Band41 | 20MHz  | 16QAM | 39750  | 1RB#99  | -47.05,-46.39,-46.55,-61.80 | PASS |
| Band41 | 20MHz  | 16QAM | 39750  | 100RB#0 | -46.37,-42.88,-41.25,-44.70 | PASS |
| Band41 | 20MHz  | 16QAM | 41490  | 1RB#0   | -62.74,-46.80,-46.72,-47.32 | PASS |
| Band41 | 20MHz  | 16QAM | 41490  | 1RB#99  | -44.86,-45.67,-46.21,-47.31 | PASS |
| Band41 | 20MHz  | 16QAM | 41490  | 100RB#0 | -44.72,-40.51,-41.98,-46.08 | PASS |
| Band41 | 20MHz  | 64QAM | 39750  | 1RB#0   | -47.15,-45.65,-45.33,-45.30 | PASS |
| Band41 | 20MHz  | 64QAM | 39750  | 1RB#99  | -47.13,-46.65,-46.66,-61.82 | PASS |
| Band41 | 20MHz  | 64QAM | 39750  | 100RB#0 | -46.75,-43.69,-41.79,-45.75 | PASS |
| Band41 | 20MHz  | 64QAM | 41490  | 1RB#0   | -62.18,-46.86,-46.90,-47.42 | PASS |
| Band41 | 20MHz  | 64QAM | 41490  | 1RB#99  | -45.93,-45.87,-46.47,-47.40 | PASS |
| Band41 | 20MHz  | 64QAM | 41490  | 100RB#0 | -45.96,-41.71,-42.80,-46.73 | PASS |
| Band66 | 1.4MHz | QPSK  | 131979 | 1RB#0   | -37.21,-26.00               | PASS |
| Band66 | 1.4MHz | QPSK  | 131979 | 1RB#5   | -30.78,-37.85               | PASS |
| Band66 | 1.4MHz | QPSK  | 131979 | 6RB#0   | -28.47,-30.70               | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#0   | -40.13,-33.62               | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#5   | -26.99,-37.37               | PASS |

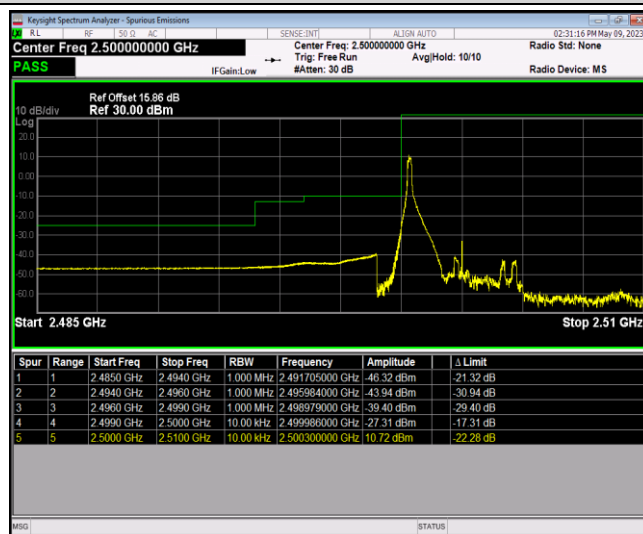
|        |        |       |        |         |               |      |
|--------|--------|-------|--------|---------|---------------|------|
| Band66 | 1.4MHz | QPSK  | 132665 | 6RB#0   | -26.58,-26.91 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#0   | -39.13,-28.71 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#5   | -33.12,-37.47 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 6RB#0   | -31.29,-32.71 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0   | -43.45,-35.43 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#5   | -27.42,-39.35 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 6RB#0   | -30.05,-29.72 | PASS |
| Band66 | 1.4MHz | 64QAM | 131979 | 1RB#0   | -40.41,-30.41 | PASS |
| Band66 | 1.4MHz | 64QAM | 131979 | 1RB#5   | -34.50,-40.13 | PASS |
| Band66 | 1.4MHz | 64QAM | 131979 | 6RB#0   | -34.46,-35.56 | PASS |
| Band66 | 1.4MHz | 64QAM | 132665 | 1RB#0   | -43.39,-36.28 | PASS |
| Band66 | 1.4MHz | 64QAM | 132665 | 1RB#5   | -25.93,-40.60 | PASS |
| Band66 | 1.4MHz | 64QAM | 132665 | 6RB#0   | -34.77,-34.45 | PASS |
| Band66 | 20MHz  | QPSK  | 132072 | 1RB#0   | -47.92,-41.04 | PASS |
| Band66 | 20MHz  | QPSK  | 132072 | 1RB#99  | -36.75,-63.18 | PASS |
| Band66 | 20MHz  | QPSK  | 132072 | 100RB#0 | -33.61,-36.78 | PASS |
| Band66 | 20MHz  | QPSK  | 132572 | 1RB#0   | -62.94,-49.02 | PASS |
| Band66 | 20MHz  | QPSK  | 132572 | 1RB#99  | -41.66,-46.99 | PASS |
| Band66 | 20MHz  | QPSK  | 132572 | 100RB#0 | -33.10,-29.77 | PASS |
| Band66 | 20MHz  | 16QAM | 132072 | 1RB#0   | -47.40,-42.33 | PASS |
| Band66 | 20MHz  | 16QAM | 132072 | 1RB#99  | -39.48,-62.11 | PASS |
| Band66 | 20MHz  | 16QAM | 132072 | 100RB#0 | -34.72,-38.28 | PASS |
| Band66 | 20MHz  | 16QAM | 132572 | 1RB#0   | -63.77,-49.38 | PASS |
| Band66 | 20MHz  | 16QAM | 132572 | 1RB#99  | -40.11,-48.08 | PASS |
| Band66 | 20MHz  | 16QAM | 132572 | 100RB#0 | -36.91,-34.80 | PASS |
| Band66 | 20MHz  | 64QAM | 132072 | 1RB#0   | -48.45,-45.09 | PASS |
| Band66 | 20MHz  | 64QAM | 132072 | 1RB#99  | -43.02,-64.05 | PASS |
| Band66 | 20MHz  | 64QAM | 132072 | 100RB#0 | -36.22,-40.16 | PASS |
| Band66 | 20MHz  | 64QAM | 132572 | 1RB#0   | -64.74,-48.76 | PASS |
| Band66 | 20MHz  | 64QAM | 132572 | 1RB#99  | -42.67,-48.73 | PASS |
| Band66 | 20MHz  | 64QAM | 132572 | 100RB#0 | -42.28,-39.54 | PASS |

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

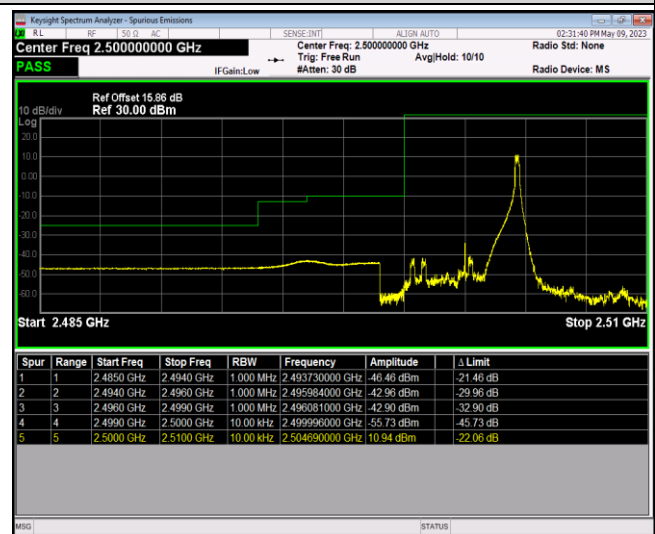
# Test Graphs



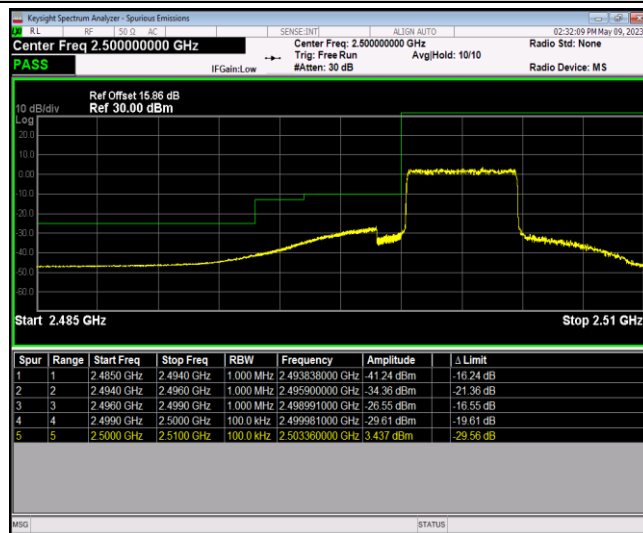
Band7-5MHz-16QAM-20775-1RB#0



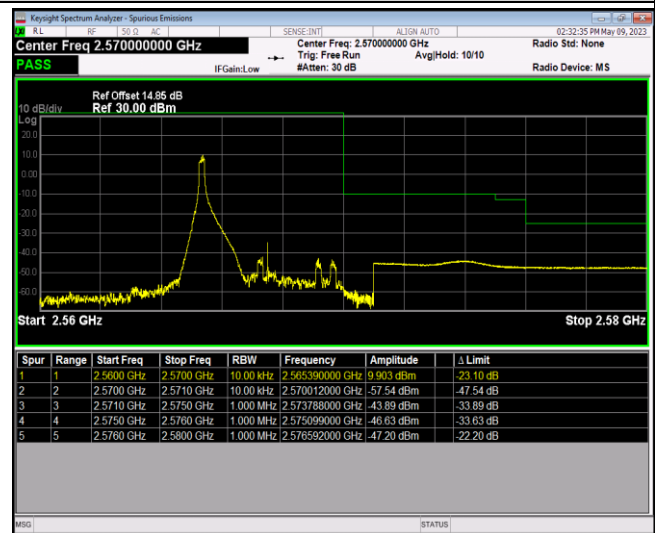
Band7-5MHz-16QAM-20775-1RB#24



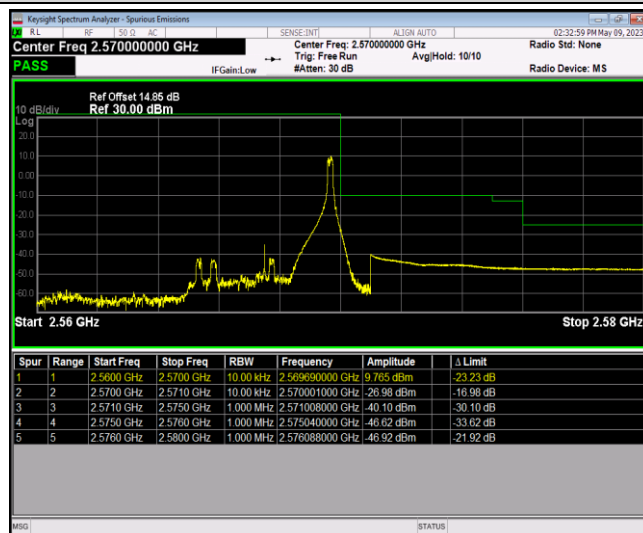
Band7-5MHz-16QAM-20775-25RB#0



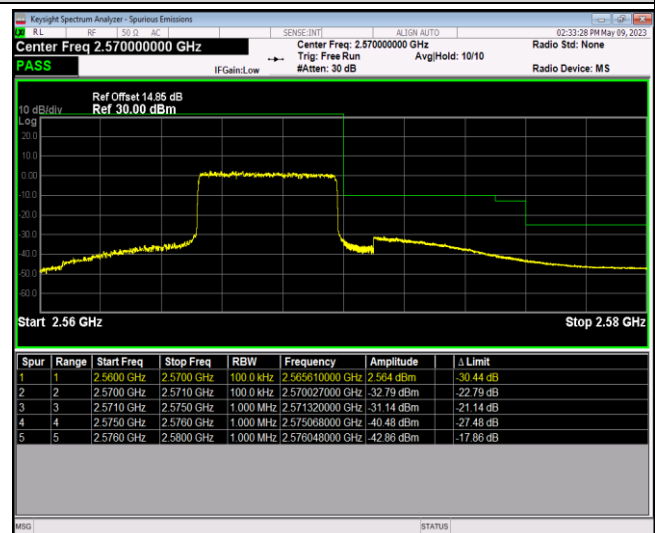
Band7-5MHz-16QAM-21425-1RB#0



Band7-5MHz-16QAM-21425-1RB#24



Band7-5MHz-16QAM-21425-25RB#0



Band7-5MHz-64QAM-20775-1RB#0

JianYan Testing Group Shenzhen Co., Ltd.  
No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community,  
Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.  
Tel: +86-755-23118282, Fax: +86-755-23116366

Band7-5MHz-64QAM-20775-1RB#24

Project No.: JYTSZR2304043