

## **Appendix for LTE Band 25**

Product Name: 5G Window CPE

Model No: TITAN 5100

## Appendix A: Average Power Output Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#0            | 22.14       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#0            | 21.09       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#2            | 22.14       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#2            | 20.91       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#5            | 22.11       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#5            | 20.94       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 3RB#0            | 22.09       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 3RB#0            | 21.03       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 3RB#1            | 22.14       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 3RB#1            | 21.09       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 3RB#3            | 22.16       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 3RB#3            | 21.05       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 6RB#0            | 21.11       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 6RB#0            | 20.04       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#0            | 21.97       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#0            | 20.89       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#2            | 22.05       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#2            | 21.01       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#5            | 21.96       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#5            | 20.88       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 3RB#0            | 22.03       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 3RB#0            | 21.13       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 3RB#1            | 22.04       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 3RB#1            | 21.02       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 3RB#3            | 21.96       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 3RB#3            | 20.96       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 6RB#0            | 20.96       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 6RB#0            | 19.90       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#0            | 21.93       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#0            | 20.93       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#2            | 21.98       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#2            | 20.87       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#5            | 21.90       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#5            | 20.80       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 3RB#0            | 21.95       | PASS    |

|        |        |       |       |        |       |      |
|--------|--------|-------|-------|--------|-------|------|
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#0  | 20.79 | PASS |
| Band25 | 1.4MHz | QPSK  | 26683 | 3RB#1  | 21.82 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#1  | 20.89 | PASS |
| Band25 | 1.4MHz | QPSK  | 26683 | 3RB#3  | 21.85 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#3  | 20.91 | PASS |
| Band25 | 1.4MHz | QPSK  | 26683 | 6RB#0  | 20.85 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0  | 19.84 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#0  | 22.05 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#0  | 21.23 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#8  | 22.12 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#8  | 21.19 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#14 | 22.08 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#14 | 21.04 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#0  | 21.18 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 8RB#0  | 20.20 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#4  | 21.15 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 8RB#4  | 20.19 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#7  | 21.12 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 8RB#7  | 20.15 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 15RB#0 | 21.15 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 15RB#0 | 20.17 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#0  | 21.96 | PASS |
| Band25 | 3MHz   | 16QAM | 26365 | 1RB#0  | 20.93 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#8  | 22.04 | PASS |
| Band25 | 3MHz   | 16QAM | 26365 | 1RB#8  | 20.91 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#14 | 21.97 | PASS |
| Band25 | 3MHz   | 16QAM | 26365 | 1RB#14 | 20.90 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#0  | 21.03 | PASS |
| Band25 | 3MHz   | 16QAM | 26365 | 8RB#0  | 20.02 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#4  | 21.02 | PASS |
| Band25 | 3MHz   | 16QAM | 26365 | 8RB#4  | 20.00 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#7  | 21.01 | PASS |
| Band25 | 3MHz   | 16QAM | 26365 | 8RB#7  | 20.11 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 15RB#0 | 21.01 | PASS |
| Band25 | 3MHz   | 16QAM | 26365 | 15RB#0 | 20.01 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#0  | 21.80 | PASS |
| Band25 | 3MHz   | 16QAM | 26675 | 1RB#0  | 20.90 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#8  | 21.93 | PASS |
| Band25 | 3MHz   | 16QAM | 26675 | 1RB#8  | 20.94 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#14 | 21.83 | PASS |
| Band25 | 3MHz   | 16QAM | 26675 | 1RB#14 | 20.69 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 8RB#0  | 20.88 | PASS |

|        |      |       |       |         |       |      |
|--------|------|-------|-------|---------|-------|------|
| Band25 | 3MHz | 16QAM | 26675 | 8RB#0   | 19.69 | PASS |
| Band25 | 3MHz | QPSK  | 26675 | 8RB#4   | 20.93 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#4   | 19.93 | PASS |
| Band25 | 3MHz | QPSK  | 26675 | 8RB#7   | 20.87 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#7   | 19.93 | PASS |
| Band25 | 3MHz | QPSK  | 26675 | 15RB#0  | 20.89 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0  | 19.94 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#0   | 22.12 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#0   | 21.05 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#12  | 22.13 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#12  | 21.19 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#24  | 22.14 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#24  | 21.13 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#0  | 21.15 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 12RB#0  | 20.14 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#6  | 21.15 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 12RB#6  | 20.21 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#13 | 21.19 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 12RB#13 | 20.21 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 25RB#0  | 21.17 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 25RB#0  | 20.18 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#0   | 21.97 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 1RB#0   | 21.07 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#12  | 22.03 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 1RB#12  | 21.17 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#24  | 22.00 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 1RB#24  | 21.15 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#0  | 21.02 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 12RB#0  | 19.91 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#6  | 21.00 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 12RB#6  | 19.96 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#13 | 21.04 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 12RB#13 | 19.99 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 25RB#0  | 21.07 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 25RB#0  | 20.08 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#0   | 21.92 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 1RB#0   | 20.95 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#12  | 21.95 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 1RB#12  | 21.02 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#24  | 22.19 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 1RB#24  | 20.96 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 12RB#0  | 20.85 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#0  | 19.84 | PASS |
| Band25 | 5MHz  | QPSK  | 26665 | 12RB#6  | 20.84 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#6  | 19.93 | PASS |
| Band25 | 5MHz  | QPSK  | 26665 | 12RB#13 | 20.90 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#13 | 20.04 | PASS |
| Band25 | 5MHz  | QPSK  | 26665 | 25RB#0  | 20.83 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 25RB#0  | 19.85 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#0   | 22.09 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0   | 21.15 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#24  | 22.12 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#24  | 21.16 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#49  | 22.10 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#49  | 21.19 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#0  | 21.16 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#0  | 20.16 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#12 | 21.20 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#12 | 20.19 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#25 | 21.19 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#25 | 20.19 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 50RB#0  | 21.18 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0  | 20.17 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#0   | 22.00 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#0   | 20.90 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#24  | 22.02 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#24  | 21.03 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#49  | 22.00 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#49  | 21.10 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#0  | 21.04 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#0  | 20.07 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#12 | 21.08 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#12 | 20.06 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#25 | 21.05 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#25 | 20.03 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 50RB#0  | 21.04 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0  | 20.06 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#0   | 21.93 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0   | 20.88 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#24  | 21.90 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#24  | 20.91 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#49  | 21.83 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#49  | 20.79 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 25RB#0  | 20.90 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band25 | 10MHz | 16QAM | 26640 | 25RB#0  | 19.89 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 25RB#12 | 20.93 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#12 | 19.93 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 25RB#25 | 20.89 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#25 | 19.88 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 50RB#0  | 20.91 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0  | 19.95 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#0   | 22.04 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0   | 20.91 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#38  | 21.90 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#38  | 20.98 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#74  | 21.87 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#74  | 20.76 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#0  | 20.99 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#0  | 20.98 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#18 | 20.99 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#18 | 20.99 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#37 | 20.97 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#37 | 21.01 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 75RB#0  | 21.01 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0  | 20.04 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#0   | 21.84 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#0   | 20.88 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#38  | 21.78 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#38  | 20.82 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#74  | 21.74 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#74  | 20.70 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 38RB#0  | 20.88 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#0  | 20.90 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 38RB#18 | 20.90 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#18 | 20.91 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 38RB#37 | 20.91 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#37 | 20.92 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 75RB#0  | 20.88 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0  | 19.90 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#0   | 21.78 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0   | 20.72 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#38  | 21.76 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#38  | 20.78 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#74  | 21.67 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#74  | 20.52 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#0  | 20.75 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band25 | 15MHz | 16QAM | 26615 | 38RB#0  | 20.70 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#18 | 20.68 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#18 | 20.69 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#37 | 20.69 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#37 | 20.70 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 75RB#0  | 20.74 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0  | 19.73 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#0   | 22.06 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#0   | 21.00 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#49  | 21.95 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#49  | 20.80 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#99  | 21.77 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#99  | 20.77 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 50RB#0  | 21.06 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 50RB#0  | 20.08 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 50RB#25 | 21.06 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 50RB#25 | 20.07 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 50RB#50 | 20.87 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 50RB#50 | 19.83 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 100RB#0 | 20.94 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 19.98 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#0   | 21.87 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#0   | 20.88 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#49  | 21.79 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#49  | 20.99 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#99  | 21.78 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#99  | 20.92 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 50RB#0  | 20.93 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 50RB#0  | 19.95 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 50RB#25 | 20.92 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 50RB#25 | 19.92 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 50RB#50 | 20.88 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 50RB#50 | 19.91 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 100RB#0 | 20.92 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 19.92 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#0   | 21.75 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#0   | 20.86 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#49  | 21.74 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#49  | 20.85 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#99  | 21.70 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#99  | 20.62 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 50RB#0  | 20.80 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band25 | 20MHz | 16QAM | 26590 | 50RB#0  | 19.83 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 50RB#25 | 20.77 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 50RB#25 | 19.80 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 50RB#50 | 20.81 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 50RB#50 | 19.79 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 100RB#0 | 20.80 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 19.77 | PASS |

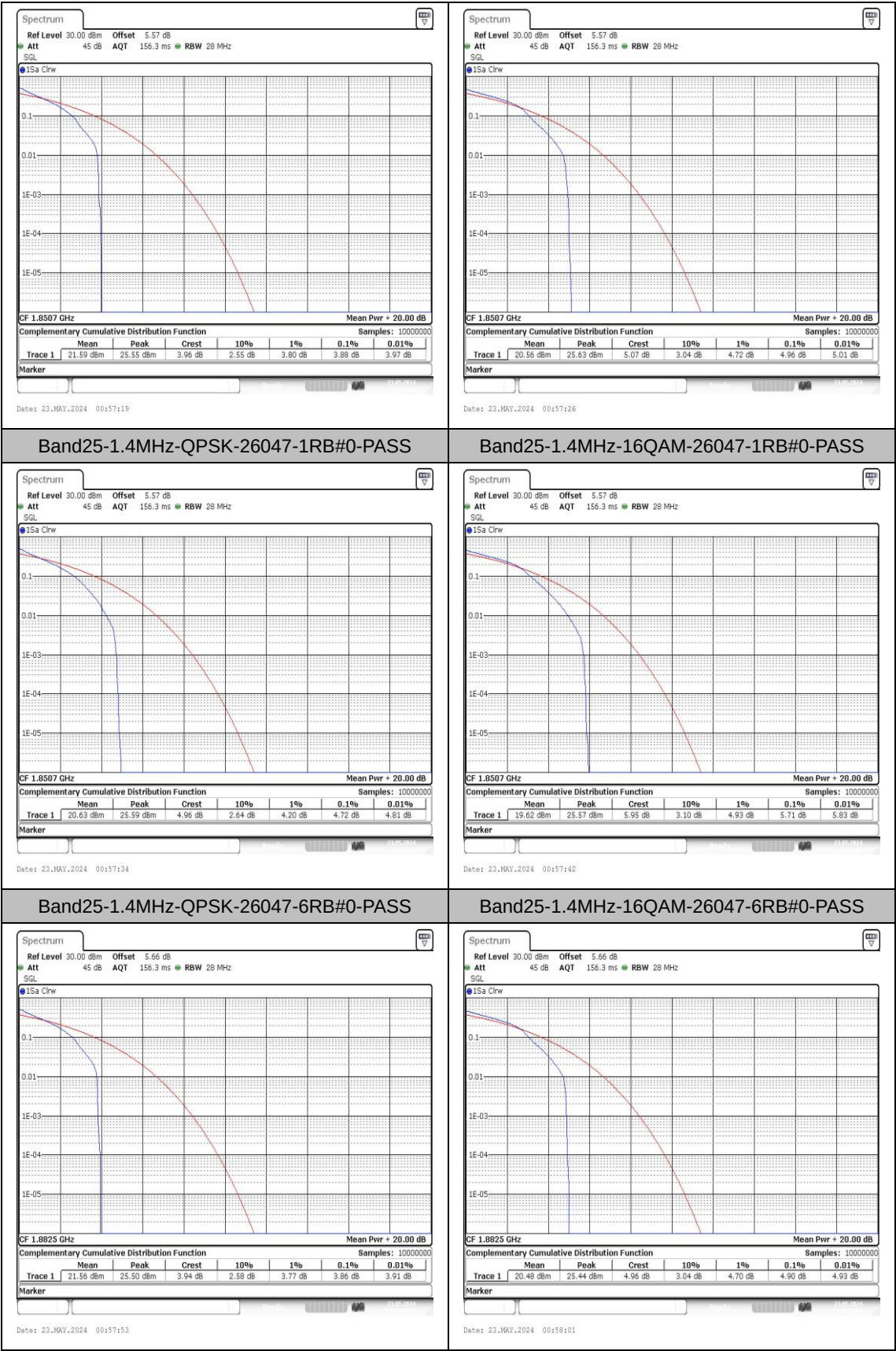
## Appendix B: Peak-to-Average Ratio(CCDF)

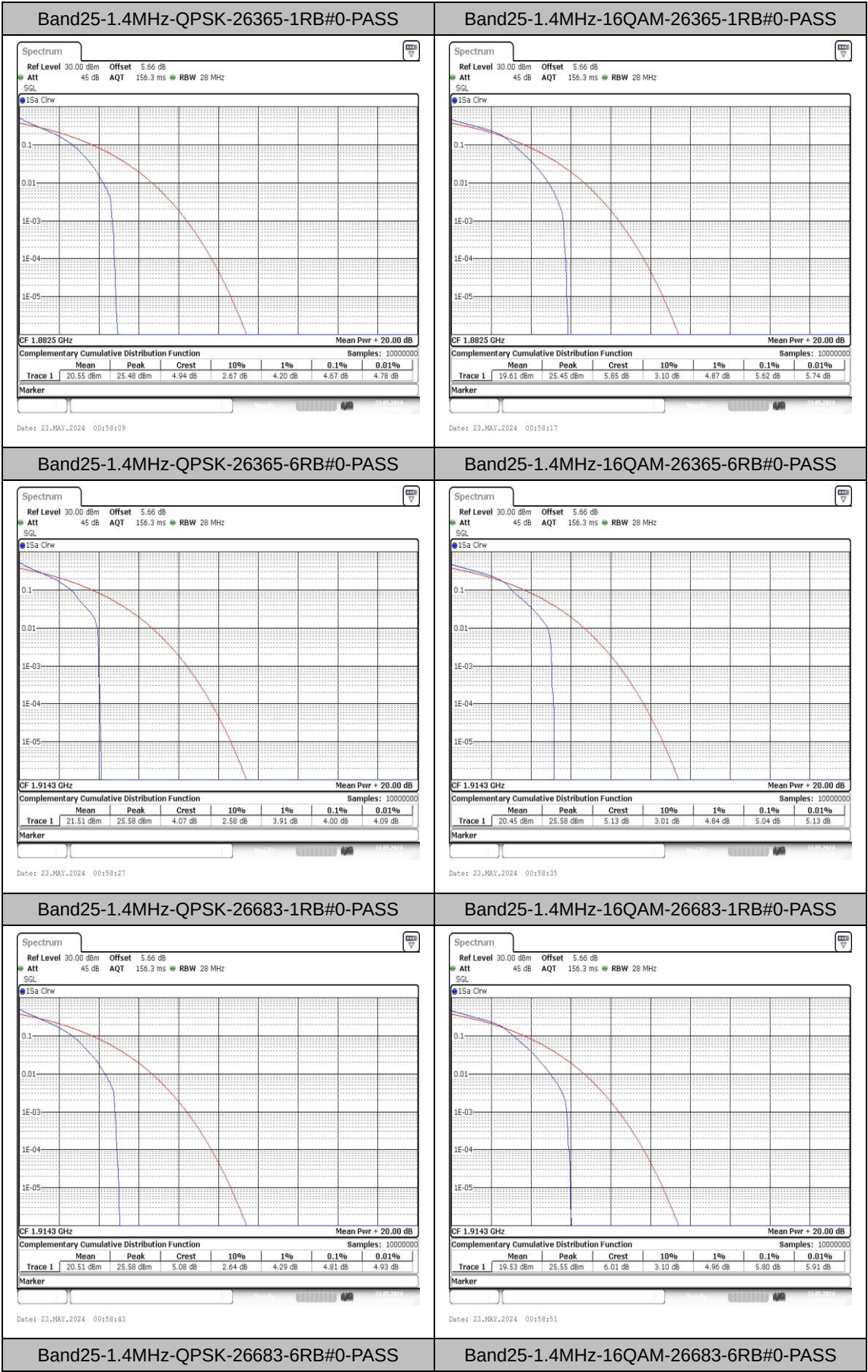
### Test Result

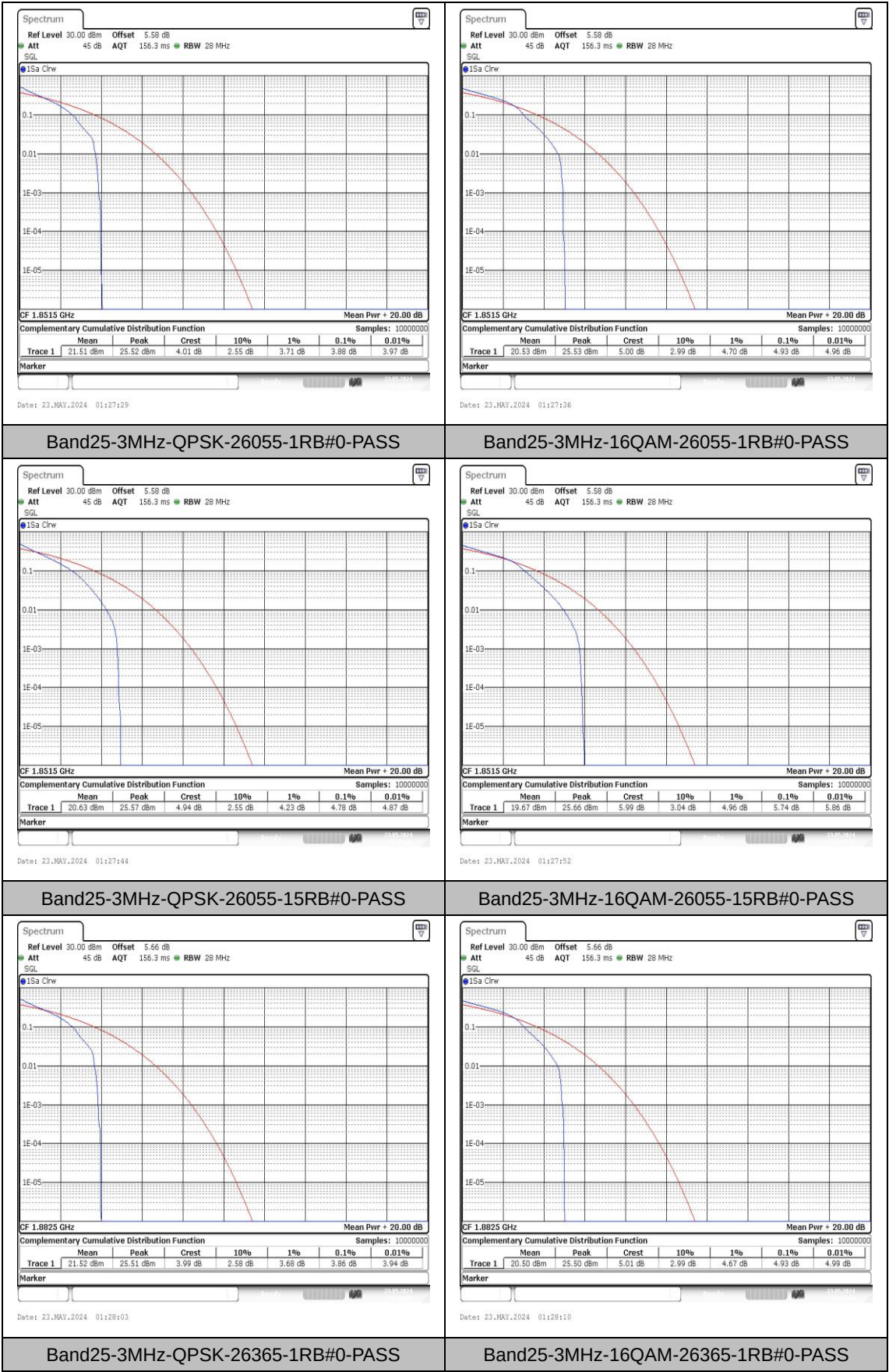
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#0            | 3.88       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#0            | 4.96       | 13        | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 6RB#0            | 4.72       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 6RB#0            | 5.71       | 13        | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#0            | 3.86       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#0            | 4.90       | 13        | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 6RB#0            | 4.67       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 6RB#0            | 5.62       | 13        | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#0            | 4.00       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#0            | 5.04       | 13        | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 6RB#0            | 4.81       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 6RB#0            | 5.80       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 1RB#0            | 3.88       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26055   | 1RB#0            | 4.93       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 15RB#0           | 4.78       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26055   | 15RB#0           | 5.74       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26365   | 1RB#0            | 3.86       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26365   | 1RB#0            | 4.93       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26365   | 15RB#0           | 4.72       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26365   | 15RB#0           | 5.68       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26675   | 1RB#0            | 4.03       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26675   | 1RB#0            | 5.10       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26675   | 15RB#0           | 4.90       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26675   | 15RB#0           | 5.86       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26065   | 1RB#0            | 3.91       | 13        | PASS    |
| Band25 | 5MHz      | 16QAM      | 26065   | 1RB#0            | 4.87       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26065   | 25RB#0           | 4.81       | 13        | PASS    |
| Band25 | 5MHz      | 16QAM      | 26065   | 25RB#0           | 5.80       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26365   | 1RB#0            | 4.00       | 13        | PASS    |
| Band25 | 5MHz      | 16QAM      | 26365   | 1RB#0            | 4.90       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26365   | 25RB#0           | 4.75       | 13        | PASS    |
| Band25 | 5MHz      | 16QAM      | 26365   | 25RB#0           | 5.71       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26665   | 1RB#0            | 4.03       | 13        | PASS    |
| Band25 | 5MHz      | 16QAM      | 26665   | 1RB#0            | 5.07       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26665   | 25RB#0           | 4.96       | 13        | PASS    |

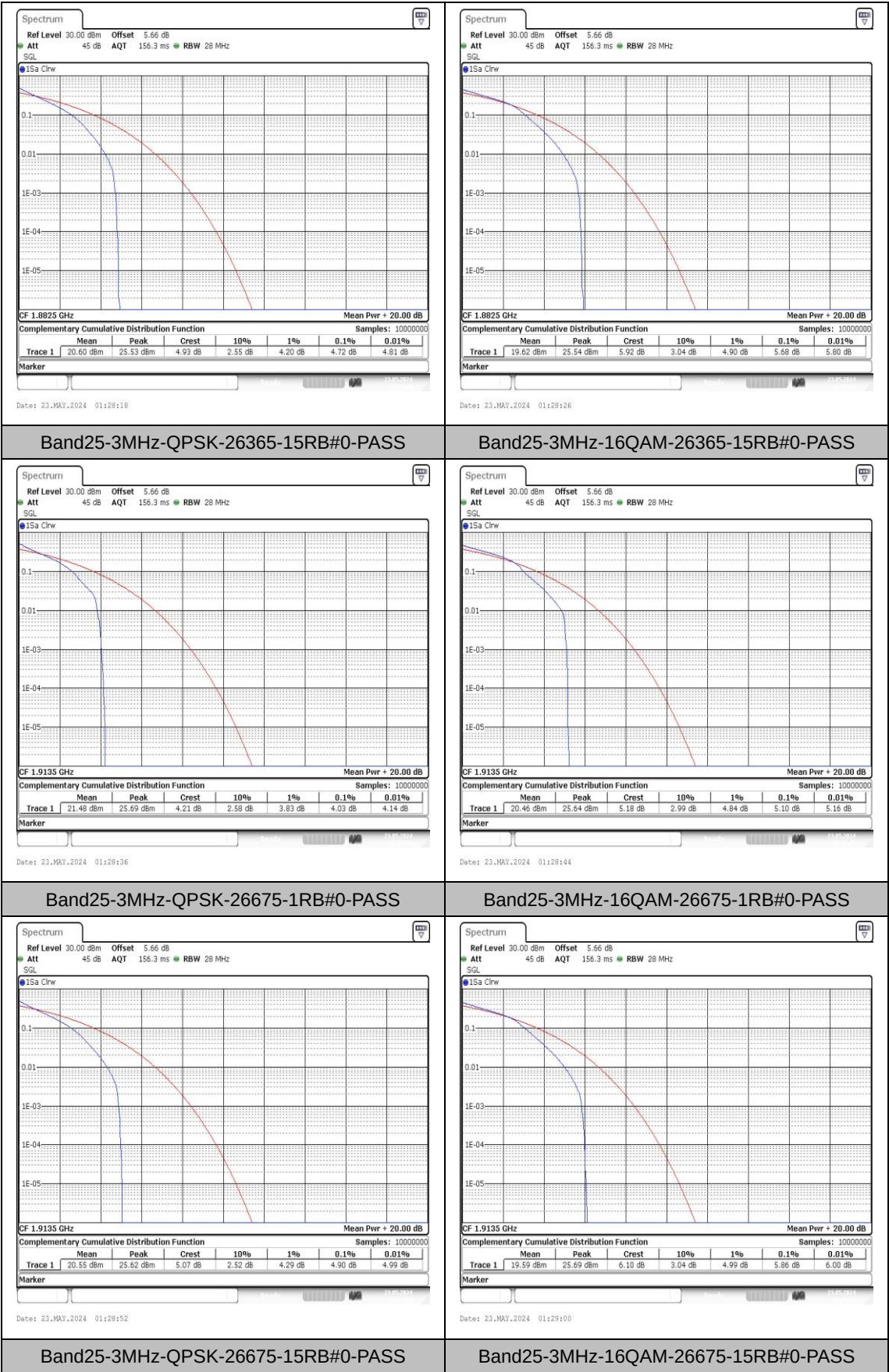
|        |       |       |       |         |      |    |      |
|--------|-------|-------|-------|---------|------|----|------|
| Band25 | 5MHz  | 16QAM | 26665 | 25RB#0  | 5.91 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#0   | 3.86 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0   | 4.93 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 50RB#0  | 4.99 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0  | 5.91 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#0   | 3.91 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#0   | 4.90 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 50RB#0  | 4.81 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0  | 5.74 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#0   | 4.00 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0   | 5.01 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 50RB#0  | 5.01 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0  | 5.91 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#0   | 4.06 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0   | 4.99 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 75RB#0  | 5.19 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0  | 6.09 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#0   | 4.09 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#0   | 5.10 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 75RB#0  | 5.01 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0  | 5.91 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#0   | 4.17 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0   | 5.16 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 75RB#0  | 5.22 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0  | 6.06 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#0   | 4.00 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#0   | 5.04 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 100RB#0 | 5.13 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 6.06 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#0   | 4.09 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#0   | 5.01 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 100RB#0 | 4.99 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 5.91 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#0   | 4.17 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#0   | 5.16 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 100RB#0 | 5.10 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 6.06 | 13 | PASS |

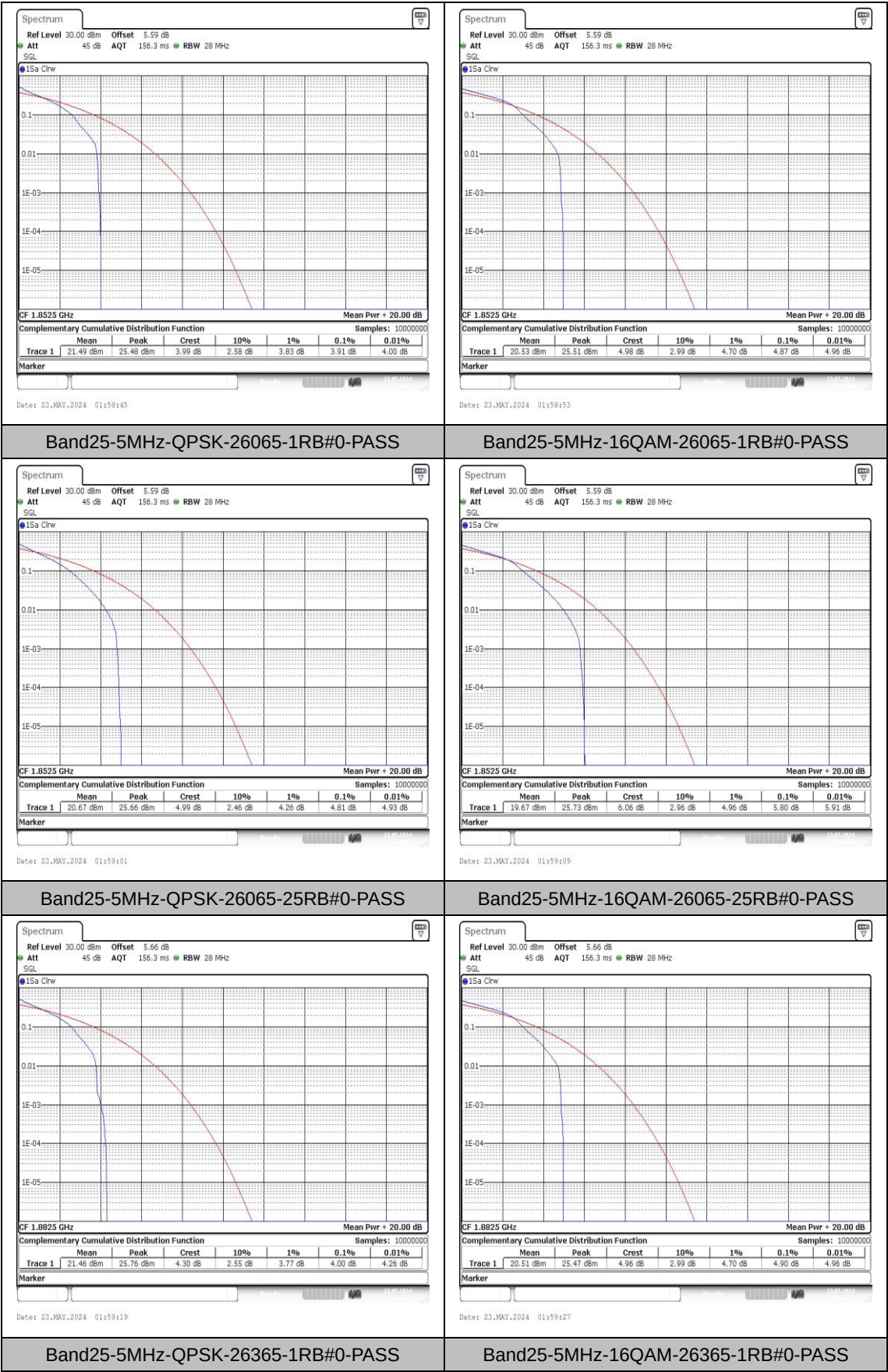
Test Graphs

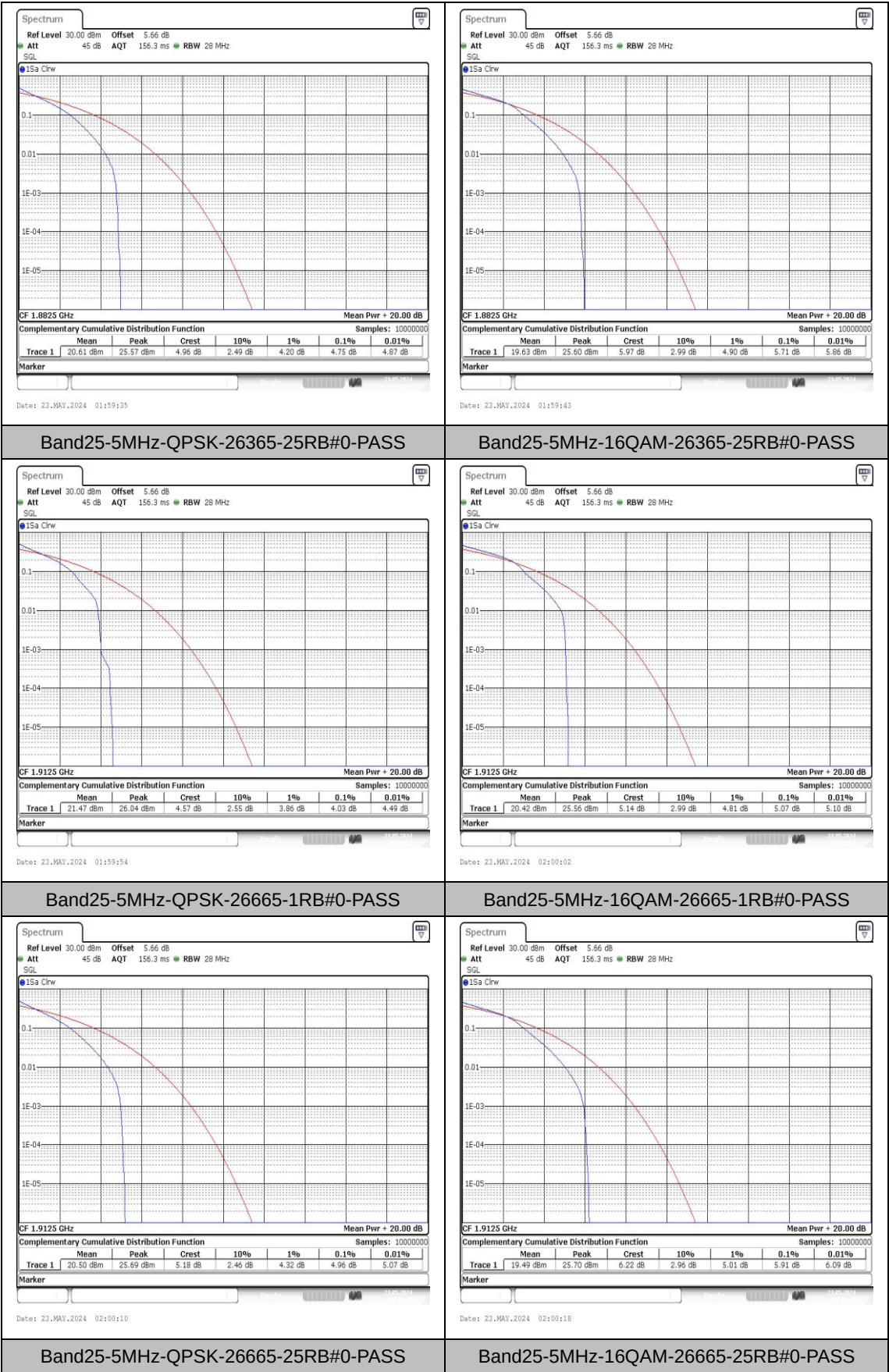


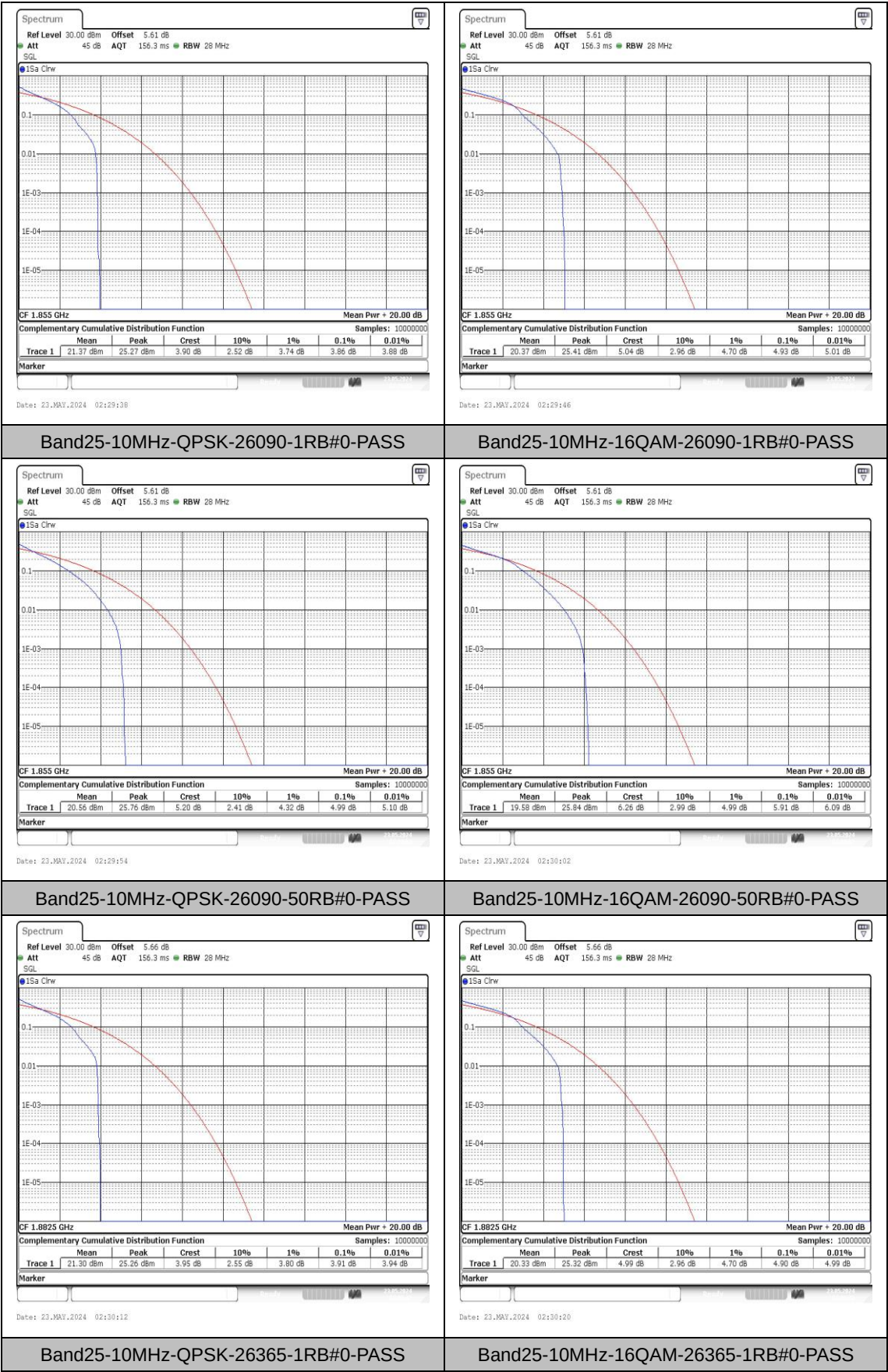


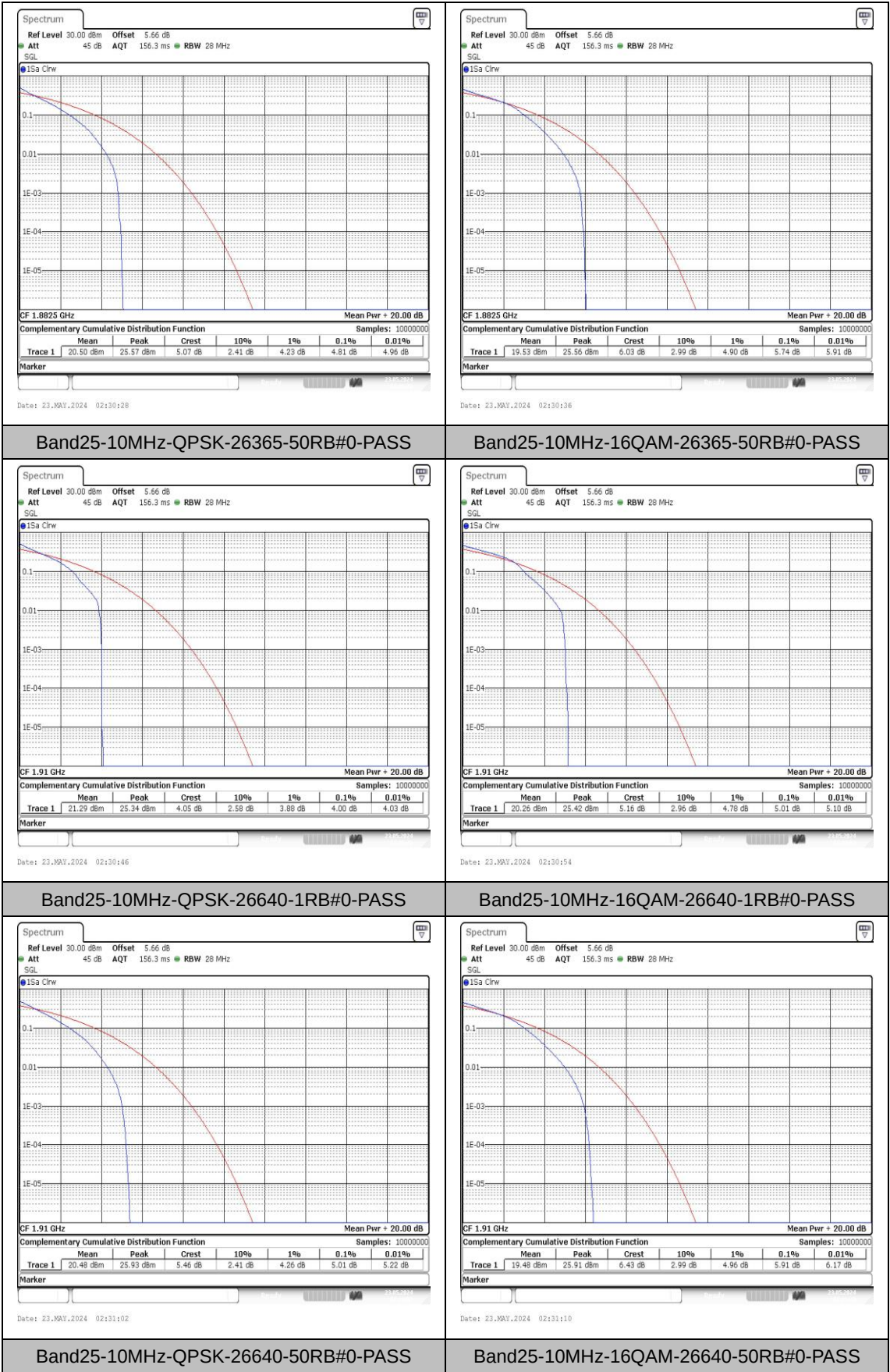


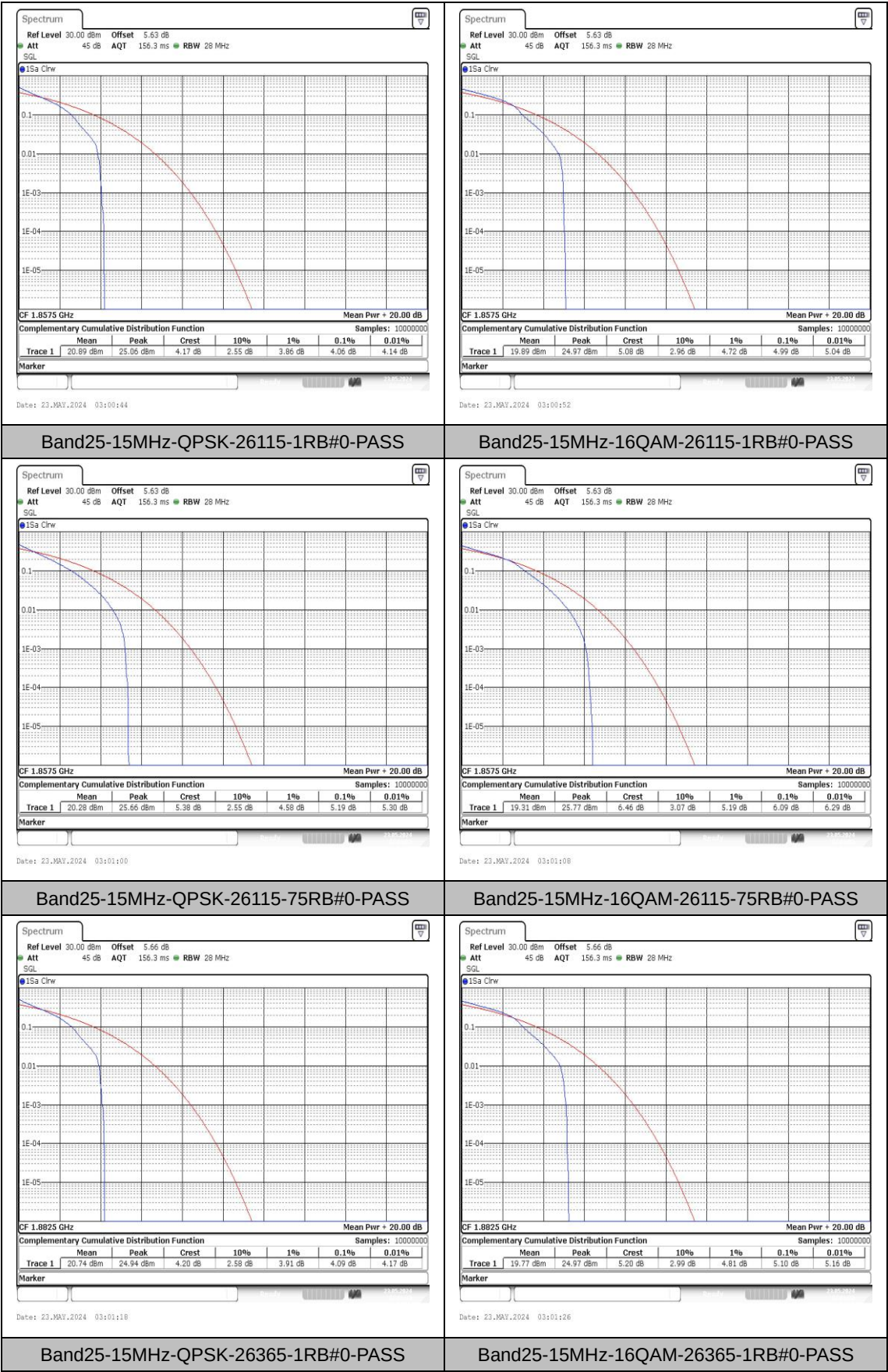


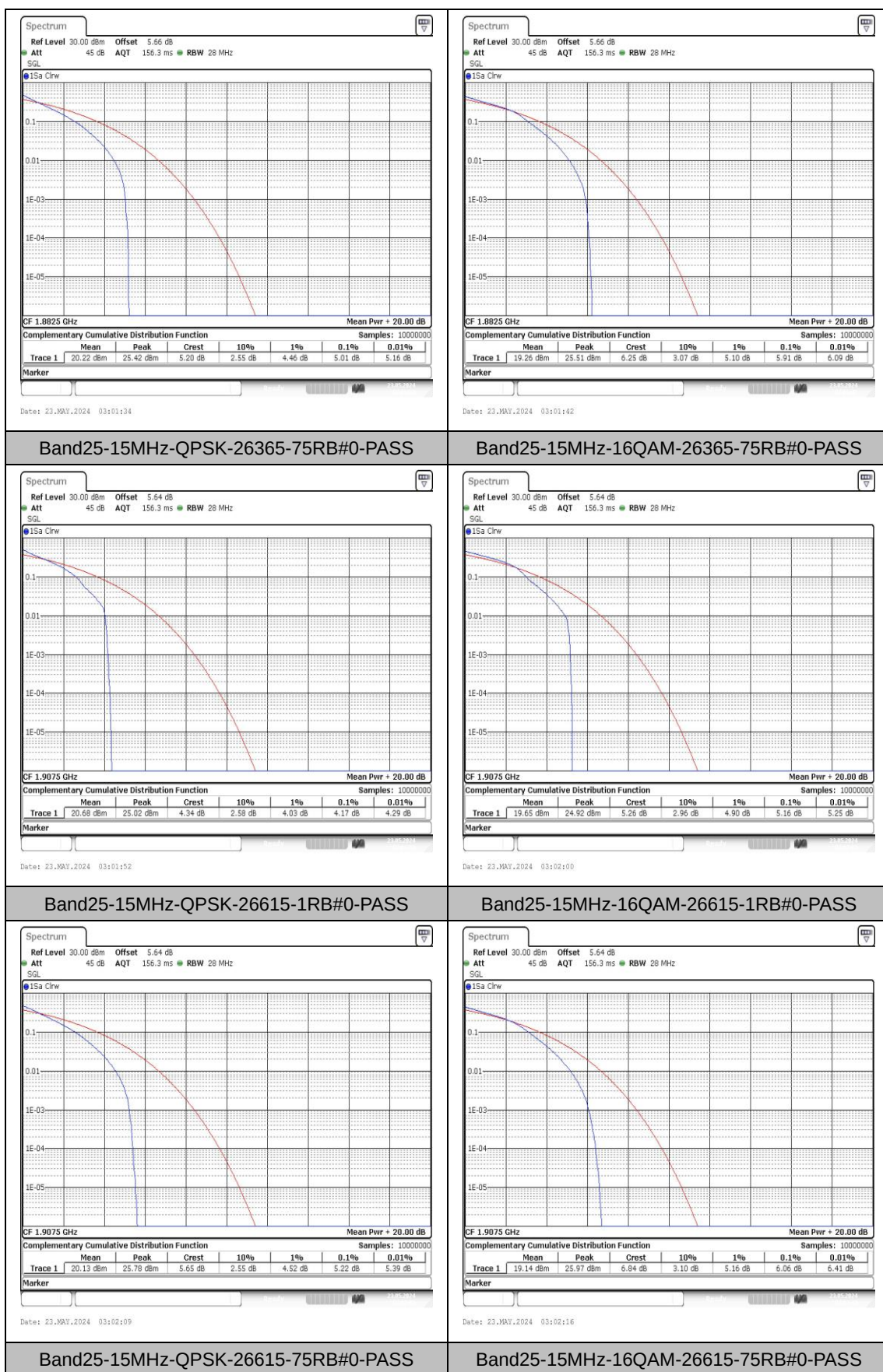


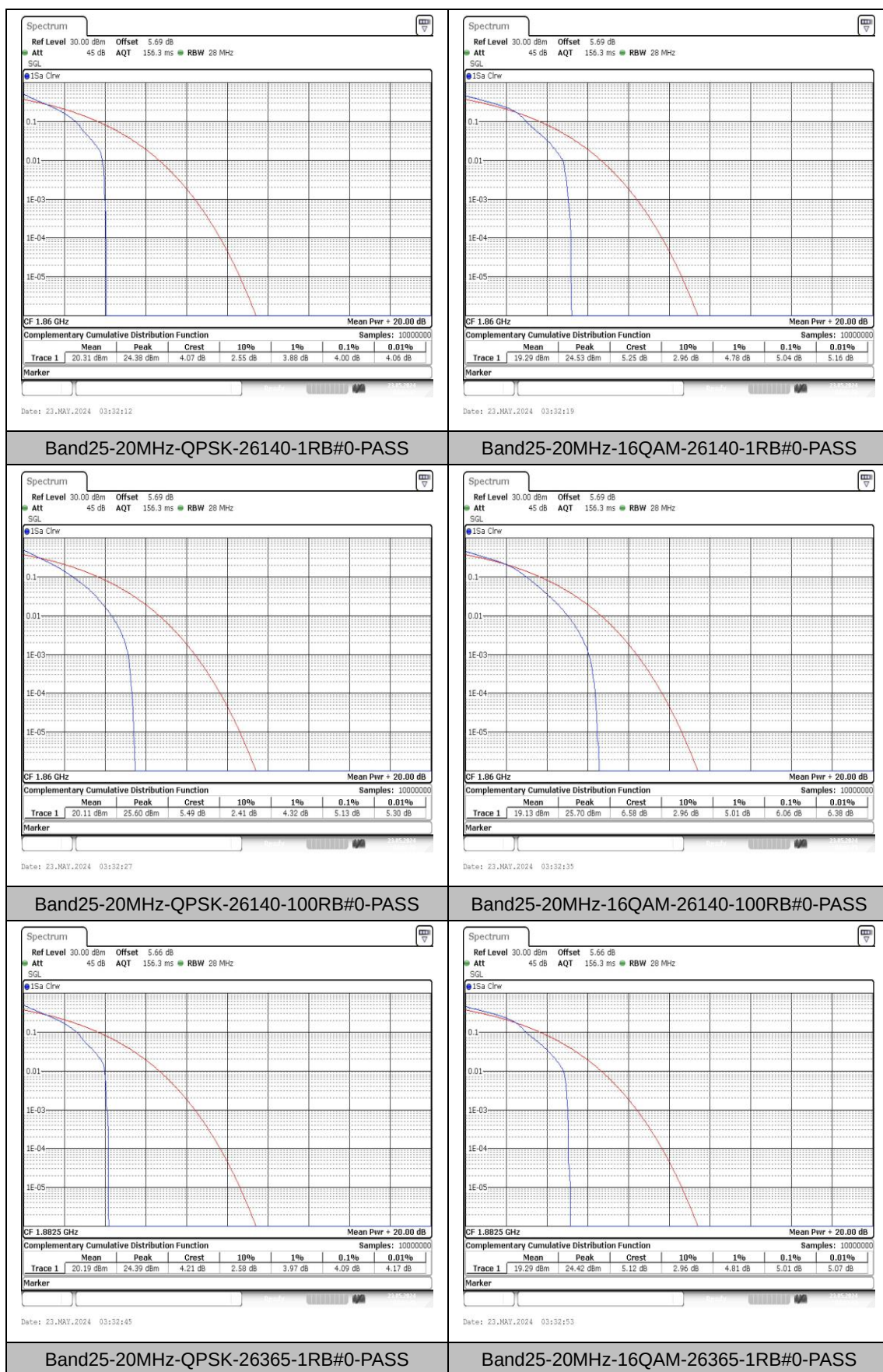


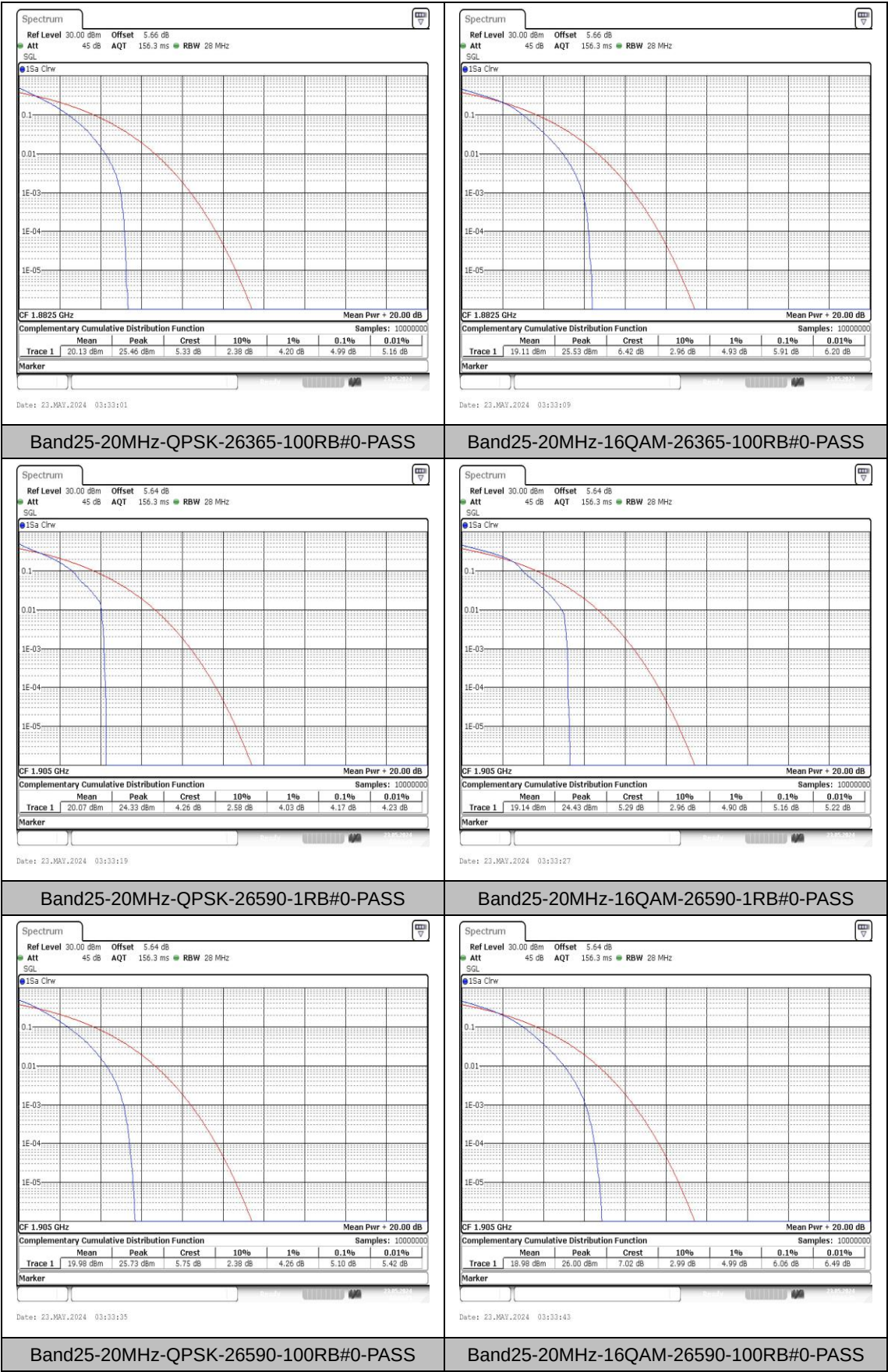












## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band25 | 1.4MHz    | QPSK       | 26047   | 6RB#0            | 1.108                    | 1.39                 | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 6RB#0            | 1.098                    | 1.36                 | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 6RB#0            | 1.103                    | 1.39                 | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 6RB#0            | 1.103                    | 1.38                 | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 6RB#0            | 1.108                    | 1.35                 | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 6RB#0            | 1.103                    | 1.34                 | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 15RB#0           | 2.705                    | 3.06                 | PASS    |
| Band25 | 3MHz      | 16QAM      | 26055   | 15RB#0           | 2.696                    | 3.06                 | PASS    |
| Band25 | 3MHz      | QPSK       | 26365   | 15RB#0           | 2.705                    | 3.07                 | PASS    |
| Band25 | 3MHz      | 16QAM      | 26365   | 15RB#0           | 2.705                    | 3.09                 | PASS    |
| Band25 | 3MHz      | QPSK       | 26675   | 15RB#0           | 2.705                    | 3.06                 | PASS    |
| Band25 | 3MHz      | 16QAM      | 26675   | 15RB#0           | 2.705                    | 3.08                 | PASS    |
| Band25 | 5MHz      | QPSK       | 26065   | 25RB#0           | 4.535                    | 5.21                 | PASS    |
| Band25 | 5MHz      | 16QAM      | 26065   | 25RB#0           | 4.525                    | 5.11                 | PASS    |
| Band25 | 5MHz      | QPSK       | 26365   | 25RB#0           | 4.525                    | 5.24                 | PASS    |
| Band25 | 5MHz      | 16QAM      | 26365   | 25RB#0           | 4.525                    | 5.19                 | PASS    |
| Band25 | 5MHz      | QPSK       | 26665   | 25RB#0           | 4.535                    | 5.21                 | PASS    |
| Band25 | 5MHz      | 16QAM      | 26665   | 25RB#0           | 4.535                    | 5.22                 | PASS    |
| Band25 | 10MHz     | QPSK       | 26090   | 50RB#0           | 9.018                    | 10.20                | PASS    |
| Band25 | 10MHz     | 16QAM      | 26090   | 50RB#0           | 9.018                    | 10.07                | PASS    |
| Band25 | 10MHz     | QPSK       | 26365   | 50RB#0           | 9.018                    | 10.13                | PASS    |
| Band25 | 10MHz     | 16QAM      | 26365   | 50RB#0           | 9.018                    | 10.10                | PASS    |
| Band25 | 10MHz     | QPSK       | 26640   | 50RB#0           | 9.018                    | 10.23                | PASS    |
| Band25 | 10MHz     | 16QAM      | 26640   | 50RB#0           | 9.018                    | 10.10                | PASS    |
| Band25 | 15MHz     | QPSK       | 26115   | 75RB#0           | 13.478                   | 15.20                | PASS    |
| Band25 | 15MHz     | 16QAM      | 26115   | 75RB#0           | 13.527                   | 15.10                | PASS    |
| Band25 | 15MHz     | QPSK       | 26365   | 75RB#0           | 13.478                   | 15.10                | PASS    |
| Band25 | 15MHz     | 16QAM      | 26365   | 75RB#0           | 13.478                   | 15.00                | PASS    |
| Band25 | 15MHz     | QPSK       | 26615   | 75RB#0           | 13.527                   | 14.95                | PASS    |
| Band25 | 15MHz     | 16QAM      | 26615   | 75RB#0           | 13.478                   | 15.00                | PASS    |
| Band25 | 20MHz     | QPSK       | 26140   | 100RB#0          | 18.103                   | 20.13                | PASS    |
| Band25 | 20MHz     | 16QAM      | 26140   | 100RB#0          | 18.17                    | 20.20                | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0          | 18.037                   | 20.07                | PASS    |

|        |       |       |       |         |        |       |      |
|--------|-------|-------|-------|---------|--------|-------|------|
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 18.103 | 20.13 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 100RB#0 | 17.97  | 20.13 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 18.037 | 20.20 | PASS |