

## Appendix-FCC-LTE-B4

### 1.1 Appendix A: Effective (Isotropic) Radiated Power Output Data

#### 1.1.1 Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | Max Ant Gain(dBi) | EIRP(dBm) | Limit(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|-------------------|-----------|------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 22.83                | 2.04              | 24.87     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 22.76                | 2.04              | 24.80     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 23.37                | 2.04              | 25.41     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 23.79                | 2.04              | 25.83     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1            | 23.51                | 2.04              | 25.55     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 23.45                | 2.04              | 25.49     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 22.03                | 2.04              | 24.07     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 22.74                | 2.04              | 24.78     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 22.62                | 2.04              | 24.66     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 21.98                | 2.04              | 24.02     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0            | 22.37                | 2.04              | 24.41     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1            | 22.38                | 2.04              | 24.42     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3            | 22.52                | 2.04              | 24.56     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 21.55                | 2.04              | 23.59     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 23.35                | 2.04              | 25.39     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 23.61                | 2.04              | 25.65     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 23.68                | 2.04              | 25.72     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 23.63                | 2.04              | 25.67     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1            | 24.07                | 2.04              | 26.11     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 23.27                | 2.04              | 25.31     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 22.97                | 2.04              | 25.01     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 22.24                | 2.04              | 24.28     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2            | 22.77                | 2.04              | 24.81     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#5            | 22.91                | 2.04              | 24.95     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#0            | 23.13                | 2.04              | 25.17     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#1            | 22.99                | 2.04              | 25.03     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#3            | 23.16                | 2.04              | 25.20     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 21.60                | 2.04              | 23.64     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 22.85                | 2.04              | 24.89     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 23.27                | 2.04              | 25.31     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 23.14                | 2.04              | 25.18     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 23.19                | 2.04              | 25.23     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#1            | 22.93                | 2.04              | 24.97     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3            | 23.23                | 2.04              | 25.27     | 30         | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 22.28                | 2.04              | 24.32     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 22.32                | 2.04              | 24.36     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#2            | 21.68                | 2.04              | 23.72     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | 21.91                | 2.04              | 23.95     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 3RB#0            | 22.77                | 2.04              | 24.81     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 3RB#1            | 22.00                | 2.04              | 24.04     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 3RB#3            | 22.03                | 2.04              | 24.07     | 30         | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 21.33                | 2.04              | 23.37     | 30         | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 23.56                | 2.04              | 25.60     | 30         | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#8            | 23.26                | 2.04              | 25.30     | 30         | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#14           | 22.71                | 2.04              | 24.75     | 30         | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 8RB#0            | 22.73                | 2.04              | 24.77     | 30         | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 8RB#4            | 22.85                | 2.04              | 24.89     | 30         | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 8RB#7            | 22.31                | 2.04              | 24.35     | 30         | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 22.20                | 2.04              | 24.24     | 30         | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 22.61                | 2.04              | 24.65     | 30         | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#8            | 22.16                | 2.04              | 24.20     | 30         | PASS    |

|       |      |       |       |         |       |      |       |    |      |
|-------|------|-------|-------|---------|-------|------|-------|----|------|
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14  | 22.12 | 2.04 | 24.16 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0   | 22.09 | 2.04 | 24.13 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4   | 22.16 | 2.04 | 24.20 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7   | 21.67 | 2.04 | 23.71 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0  | 21.76 | 2.04 | 23.80 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 1RB#0   | 23.87 | 2.04 | 25.91 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 1RB#8   | 23.27 | 2.04 | 25.31 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 1RB#14  | 23.33 | 2.04 | 25.37 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#0   | 22.89 | 2.04 | 24.93 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#4   | 22.90 | 2.04 | 24.94 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#7   | 22.91 | 2.04 | 24.95 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0  | 23.29 | 2.04 | 25.33 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0   | 23.10 | 2.04 | 25.14 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8   | 22.51 | 2.04 | 24.55 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14  | 23.04 | 2.04 | 25.08 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0   | 22.47 | 2.04 | 24.51 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4   | 21.87 | 2.04 | 23.91 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7   | 22.28 | 2.04 | 24.32 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0  | 22.46 | 2.04 | 24.50 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#0   | 23.10 | 2.04 | 25.14 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#8   | 22.76 | 2.04 | 24.80 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#14  | 22.72 | 2.04 | 24.76 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#0   | 22.07 | 2.04 | 24.11 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#4   | 22.60 | 2.04 | 24.64 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#7   | 22.75 | 2.04 | 24.79 | 30 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0  | 22.11 | 2.04 | 24.15 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0   | 22.32 | 2.04 | 24.36 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8   | 22.38 | 2.04 | 24.42 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14  | 21.82 | 2.04 | 23.86 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0   | 21.56 | 2.04 | 23.60 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 22.05 | 2.04 | 24.09 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 21.82 | 2.04 | 23.86 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 22.14 | 2.04 | 24.18 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 23.85 | 2.04 | 25.89 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 23.25 | 2.04 | 25.29 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 23.81 | 2.04 | 25.85 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 22.88 | 2.04 | 24.92 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 22.74 | 2.04 | 24.78 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 23.06 | 2.04 | 25.10 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 22.48 | 2.04 | 24.52 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 22.85 | 2.04 | 24.89 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12  | 22.56 | 2.04 | 24.60 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 22.49 | 2.04 | 24.53 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 22.12 | 2.04 | 24.16 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 22.26 | 2.04 | 24.30 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 21.64 | 2.04 | 23.68 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 22.16 | 2.04 | 24.20 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 23.58 | 2.04 | 25.62 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 23.42 | 2.04 | 25.46 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 23.75 | 2.04 | 25.79 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 23.35 | 2.04 | 25.39 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 23.25 | 2.04 | 25.29 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 23.31 | 2.04 | 25.35 | 30 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 22.91 | 2.04 | 24.95 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 22.90 | 2.04 | 24.94 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12  | 22.86 | 2.04 | 24.90 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24  | 22.68 | 2.04 | 24.72 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0  | 22.56 | 2.04 | 24.60 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6  | 21.74 | 2.04 | 23.78 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 21.93 | 2.04 | 23.97 | 30 | PASS |

|       |       |       |       |         |       |      |       |    |      |
|-------|-------|-------|-------|---------|-------|------|-------|----|------|
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | 22.58 | 2.04 | 24.62 | 30 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0   | 23.80 | 2.04 | 25.84 | 30 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#12  | 23.18 | 2.04 | 25.22 | 30 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#24  | 23.51 | 2.04 | 25.55 | 30 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#0  | 23.12 | 2.04 | 25.16 | 30 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#6  | 23.06 | 2.04 | 25.10 | 30 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#13 | 22.68 | 2.04 | 24.72 | 30 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | 23.15 | 2.04 | 25.19 | 30 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 22.61 | 2.04 | 24.65 | 30 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#12  | 22.25 | 2.04 | 24.29 | 30 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 22.86 | 2.04 | 24.90 | 30 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 22.18 | 2.04 | 24.22 | 30 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 21.68 | 2.04 | 23.72 | 30 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 21.63 | 2.04 | 23.67 | 30 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 21.47 | 2.04 | 23.51 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 23.52 | 2.04 | 25.56 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 23.94 | 2.04 | 25.98 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 23.51 | 2.04 | 25.55 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 22.86 | 2.04 | 24.90 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 22.52 | 2.04 | 24.56 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 23.28 | 2.04 | 25.32 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 23.13 | 2.04 | 25.17 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 22.57 | 2.04 | 24.61 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 22.95 | 2.04 | 24.99 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 22.52 | 2.04 | 24.56 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 22.44 | 2.04 | 24.48 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 22.49 | 2.04 | 24.53 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 21.62 | 2.04 | 23.66 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 22.38 | 2.04 | 24.42 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 23.31 | 2.04 | 25.35 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 24.02 | 2.04 | 26.06 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 23.73 | 2.04 | 25.77 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 23.42 | 2.04 | 25.46 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 22.61 | 2.04 | 24.65 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 23.36 | 2.04 | 25.40 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 23.38 | 2.04 | 25.42 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 23.10 | 2.04 | 25.14 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 22.74 | 2.04 | 24.78 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 22.42 | 2.04 | 24.46 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 22.72 | 2.04 | 24.76 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 21.91 | 2.04 | 23.95 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.91 | 2.04 | 23.95 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 22.65 | 2.04 | 24.69 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 23.18 | 2.04 | 25.22 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 23.11 | 2.04 | 25.15 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 23.43 | 2.04 | 25.47 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 22.83 | 2.04 | 24.87 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 22.42 | 2.04 | 24.46 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 22.32 | 2.04 | 24.36 | 30 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 22.90 | 2.04 | 24.94 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 22.16 | 2.04 | 24.20 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 22.15 | 2.04 | 24.19 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 22.65 | 2.04 | 24.69 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 22.53 | 2.04 | 24.57 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 22.05 | 2.04 | 24.09 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 22.01 | 2.04 | 24.05 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 21.70 | 2.04 | 23.74 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 23.62 | 2.04 | 25.66 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 23.07 | 2.04 | 25.11 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 23.44 | 2.04 | 25.48 | 30 | PASS |

|       |       |       |       |         |       |      |       |    |      |
|-------|-------|-------|-------|---------|-------|------|-------|----|------|
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 22.85 | 2.04 | 24.89 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 22.96 | 2.04 | 25.00 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 22.80 | 2.04 | 24.84 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 22.34 | 2.04 | 24.38 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 23.01 | 2.04 | 25.05 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 22.62 | 2.04 | 24.66 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 23.36 | 2.04 | 25.40 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 22.37 | 2.04 | 24.41 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 22.73 | 2.04 | 24.77 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 22.57 | 2.04 | 24.61 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 22.39 | 2.04 | 24.43 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 23.60 | 2.04 | 25.64 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 23.28 | 2.04 | 25.32 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 23.26 | 2.04 | 25.30 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 23.38 | 2.04 | 25.42 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 23.10 | 2.04 | 25.14 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 23.07 | 2.04 | 25.11 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 22.98 | 2.04 | 25.02 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 22.92 | 2.04 | 24.96 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 22.77 | 2.04 | 24.81 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 23.20 | 2.04 | 25.24 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 22.99 | 2.04 | 25.03 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 23.07 | 2.04 | 25.11 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 22.93 | 2.04 | 24.97 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 22.15 | 2.04 | 24.19 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 23.96 | 2.04 | 26.00 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 23.19 | 2.04 | 25.23 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 23.66 | 2.04 | 25.70 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 22.52 | 2.04 | 24.56 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 22.56 | 2.04 | 24.60 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 23.07 | 2.04 | 25.11 | 30 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 23.02 | 2.04 | 25.06 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 22.40 | 2.04 | 24.44 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 22.24 | 2.04 | 24.28 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 22.62 | 2.04 | 24.66 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 22.38 | 2.04 | 24.42 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 22.97 | 2.04 | 25.01 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 22.20 | 2.04 | 24.24 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 21.59 | 2.04 | 23.63 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 23.53 | 2.04 | 25.57 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 23.55 | 2.04 | 25.59 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 23.80 | 2.04 | 25.84 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 22.75 | 2.04 | 24.79 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 22.78 | 2.04 | 24.82 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 23.53 | 2.04 | 25.57 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 23.00 | 2.04 | 25.04 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 22.44 | 2.04 | 24.48 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 22.94 | 2.04 | 24.98 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 23.32 | 2.04 | 25.36 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 22.35 | 2.04 | 24.39 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 22.24 | 2.04 | 24.28 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 22.73 | 2.04 | 24.77 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 22.46 | 2.04 | 24.50 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 23.49 | 2.04 | 25.53 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 23.55 | 2.04 | 25.59 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 23.74 | 2.04 | 25.78 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 23.19 | 2.04 | 25.23 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 22.64 | 2.04 | 24.68 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 23.21 | 2.04 | 25.25 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 23.15 | 2.04 | 25.19 | 30 | PASS |

|       |       |       |       |         |       |      |       |    |      |
|-------|-------|-------|-------|---------|-------|------|-------|----|------|
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 22.87 | 2.04 | 24.91 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 23.12 | 2.04 | 25.16 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 22.81 | 2.04 | 24.85 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 22.76 | 2.04 | 24.80 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 22.51 | 2.04 | 24.55 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 21.99 | 2.04 | 24.03 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 22.03 | 2.04 | 24.07 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 23.69 | 2.04 | 25.73 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 23.88 | 2.04 | 25.92 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 23.72 | 2.04 | 25.76 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 22.72 | 2.04 | 24.76 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 22.69 | 2.04 | 24.73 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 22.76 | 2.04 | 24.80 | 30 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 23.14 | 2.04 | 25.18 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 22.70 | 2.04 | 24.74 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 22.77 | 2.04 | 24.81 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 23.17 | 2.04 | 25.21 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 21.71 | 2.04 | 23.75 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 22.35 | 2.04 | 24.39 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 22.08 | 2.04 | 24.12 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 22.17 | 2.04 | 24.21 | 30 | PASS |

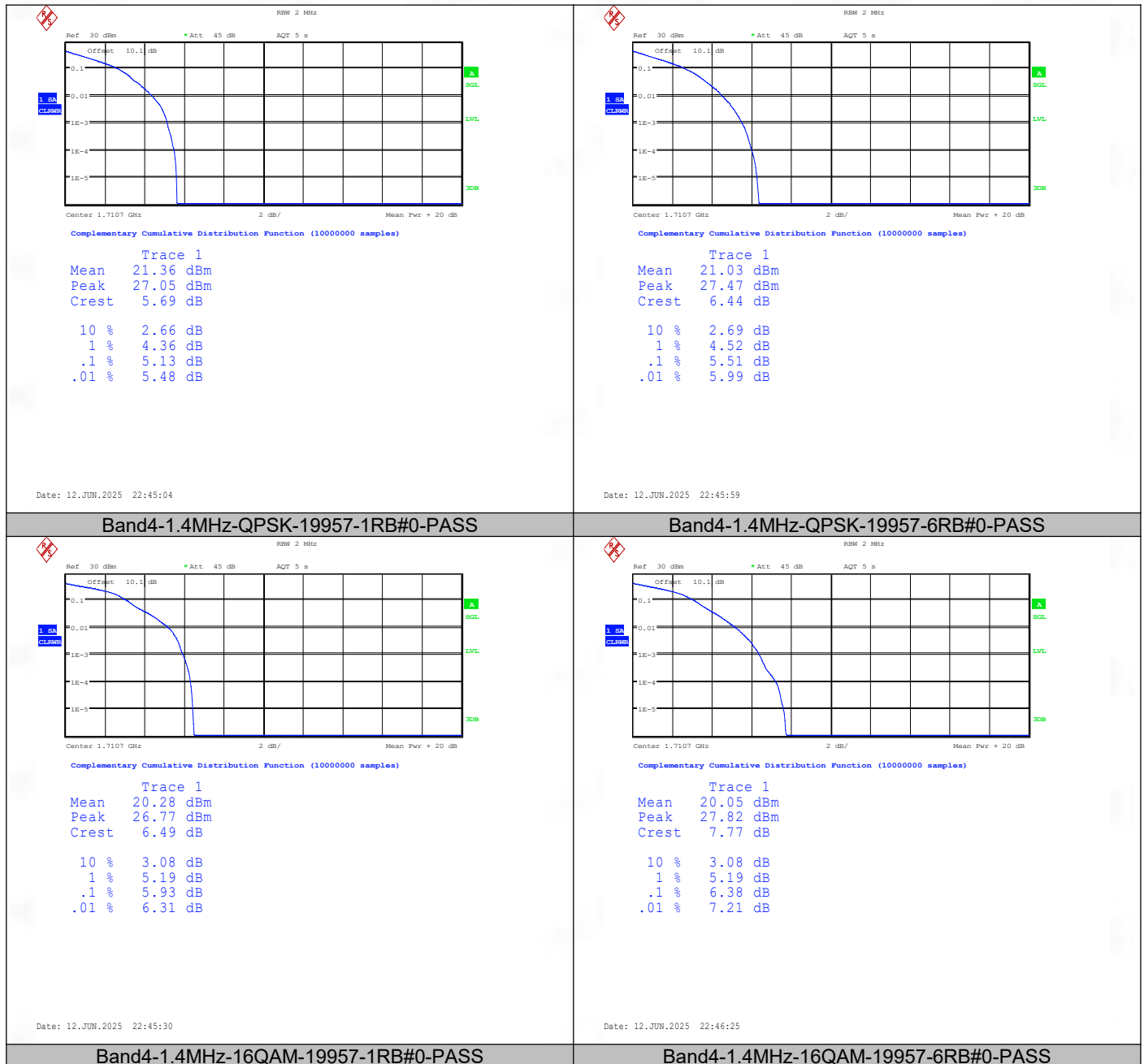
## 1.2 Appendix B: Peak-to-Average Ratio(CCDF)

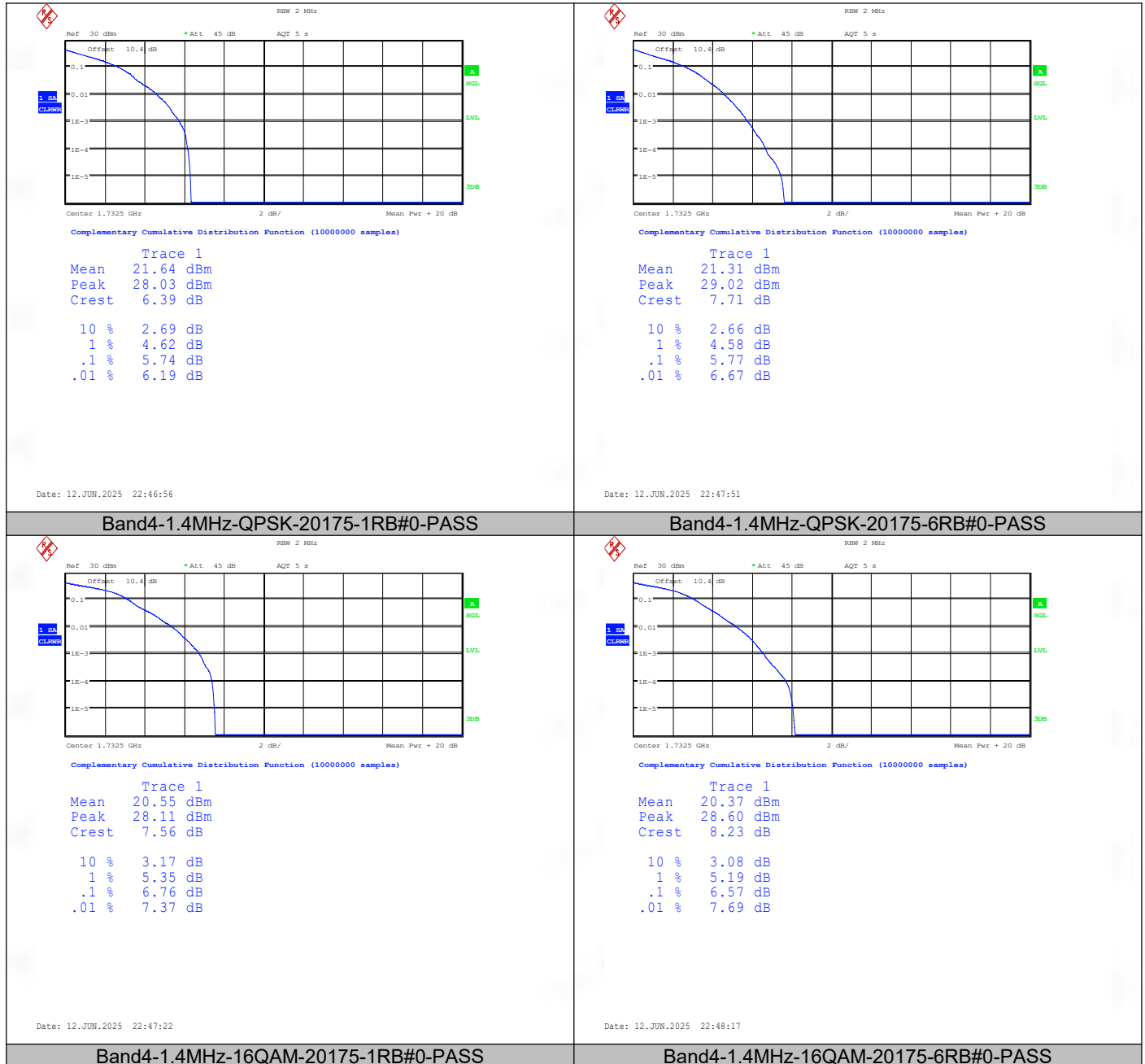
### 1.2.1 Test Result

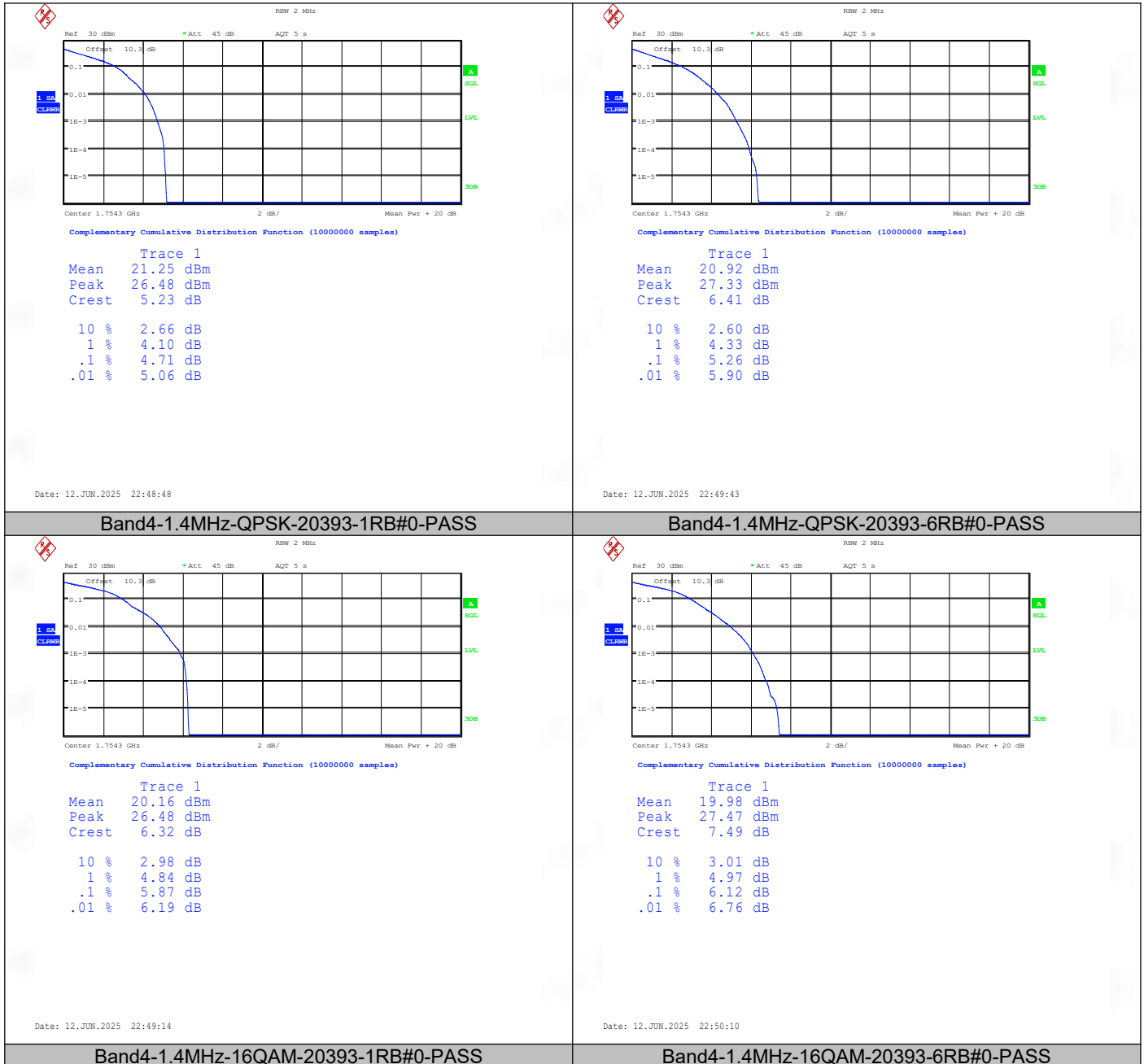
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 5.13       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 5.51       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 5.93       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 6.38       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 5.74       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 5.77       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 6.76       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 6.57       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 4.71       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 5.26       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 5.87       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 6.12       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 5.26       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 5.32       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 6.12       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 6.35       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 5.83       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 5.42       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 6.70       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 6.41       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | 4.78       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 5.10       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | 5.61       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 6.03       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | 5.22       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 5.45       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | 5.83       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 6.31       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | 5.90       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 5.61       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 1RB#0            | 6.38       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 6.44       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | 4.81       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 5.19       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | 5.51       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 6.06       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 1RB#0            | 5.10       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 5.67       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 1RB#0            | 5.96       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 6.54       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 1RB#0            | 5.74       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 5.77       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 1RB#0            | 6.67       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 6.63       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 1RB#0            | 4.81       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 5.45       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 1RB#0            | 5.64       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 6.35       | 13        | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 1RB#0            | 8.27       | 13        | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 5.83       | 13        | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 1RB#0            | 8.24       | 13        | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 6.86       | 13        | PASS    |

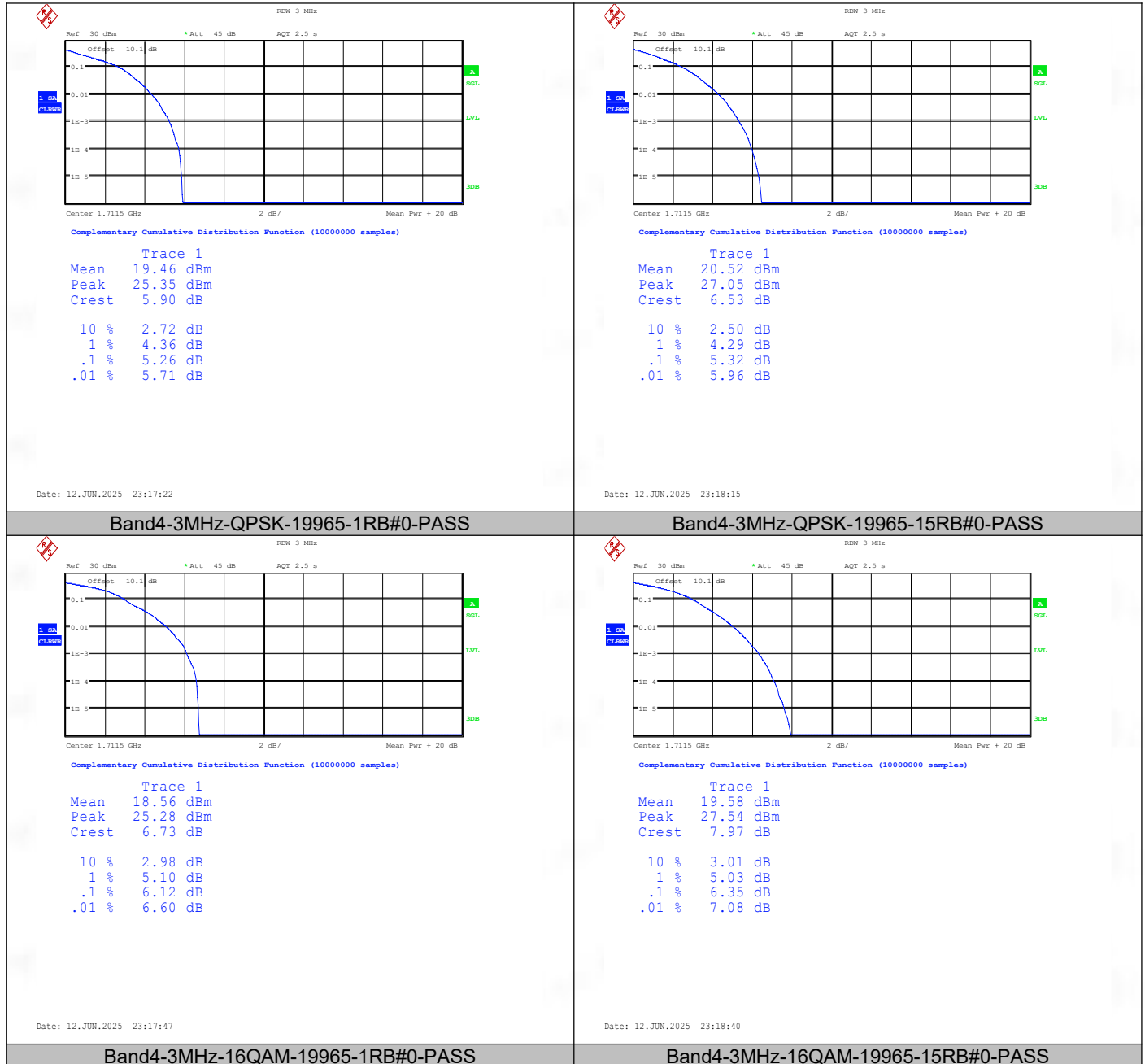
|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 8.27 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 5.93 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 8.24 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 6.92 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 8.21 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 5.83 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 8.24 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 6.79 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 8.49 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 6.44 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 8.53 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 7.21 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 8.49 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 6.51 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 8.53 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 7.24 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 8.46 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 6.47 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 8.49 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 7.18 | 13 | PASS |

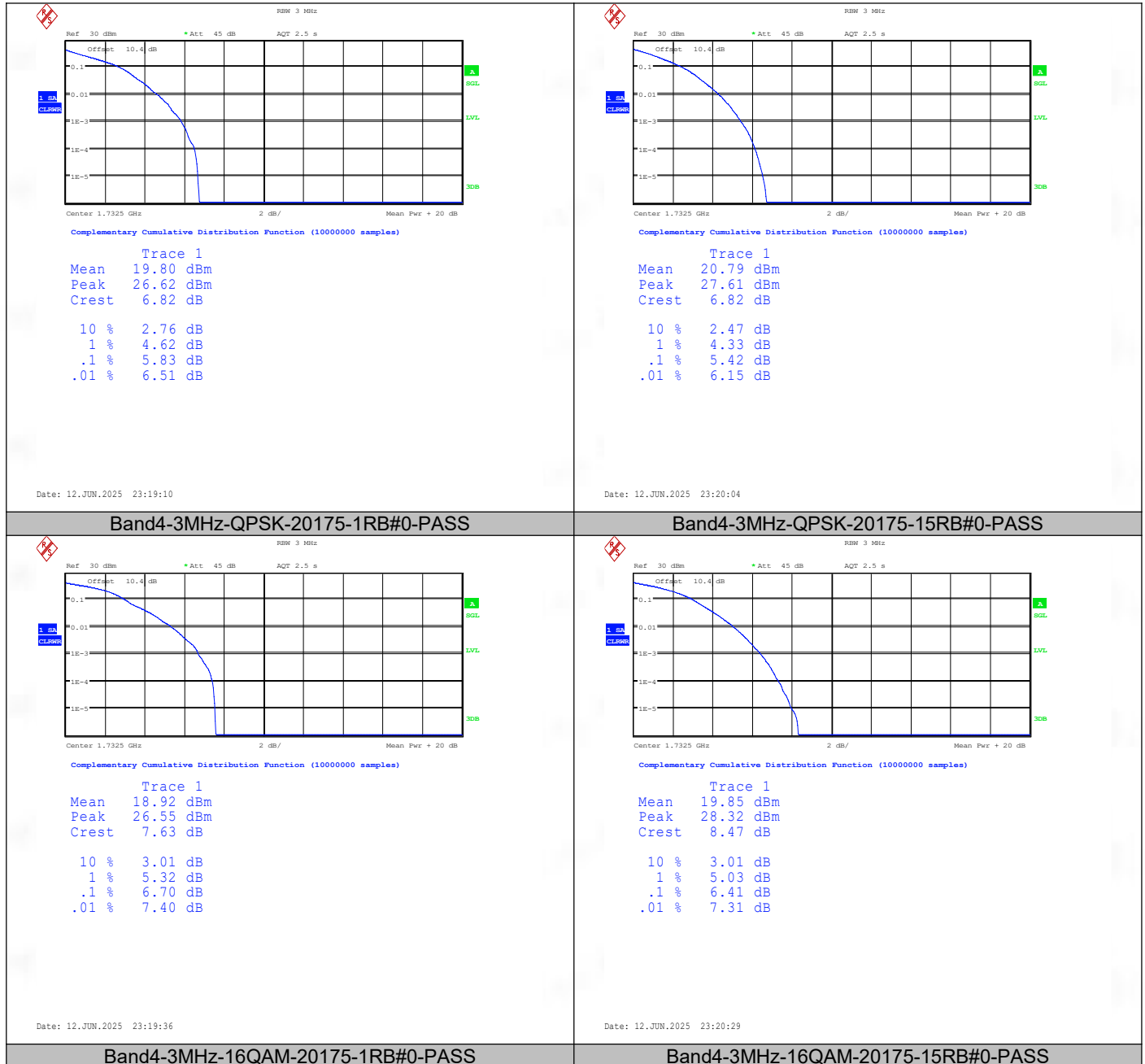
## 1.2.2 Test Graphs

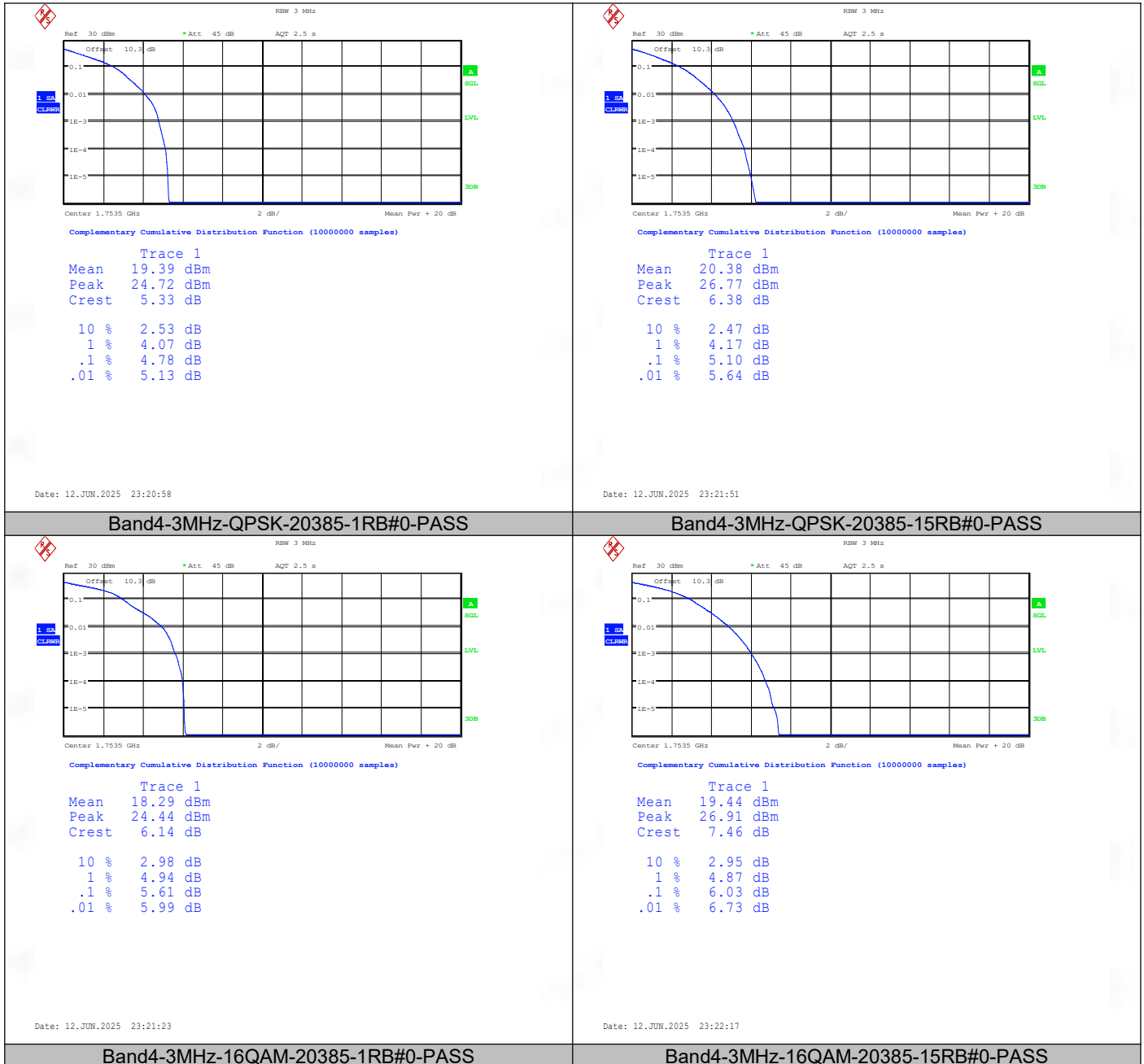


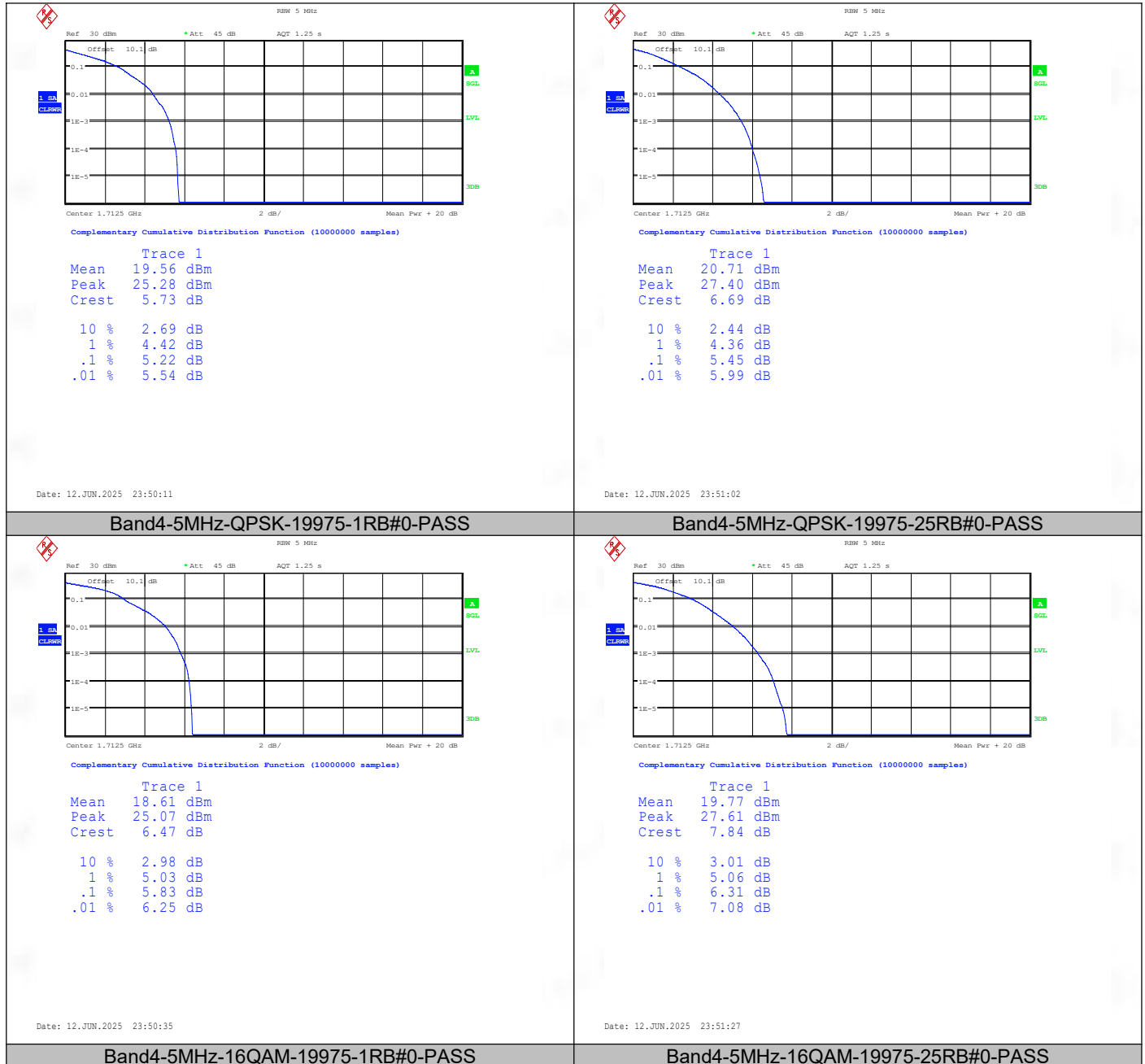


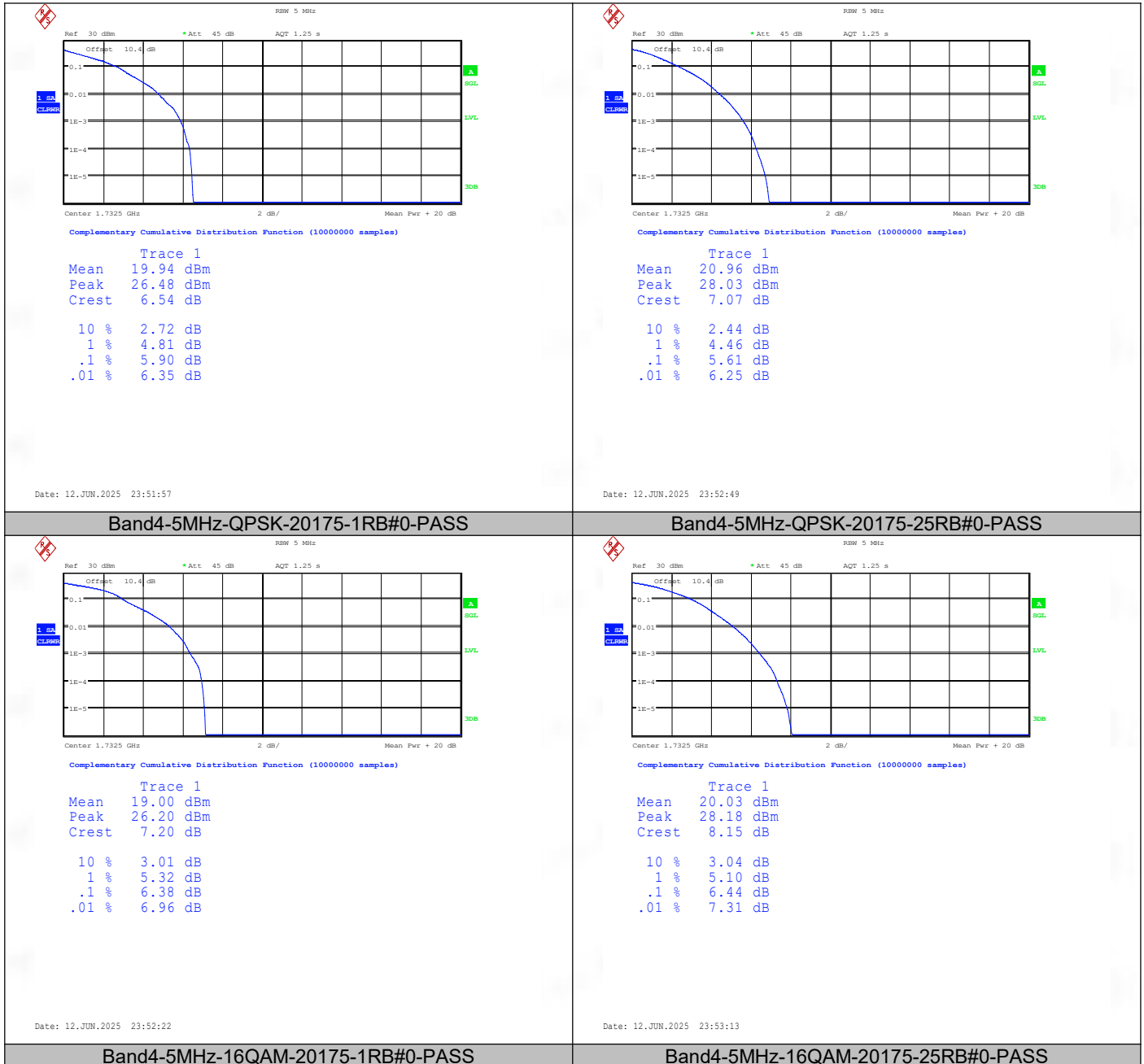


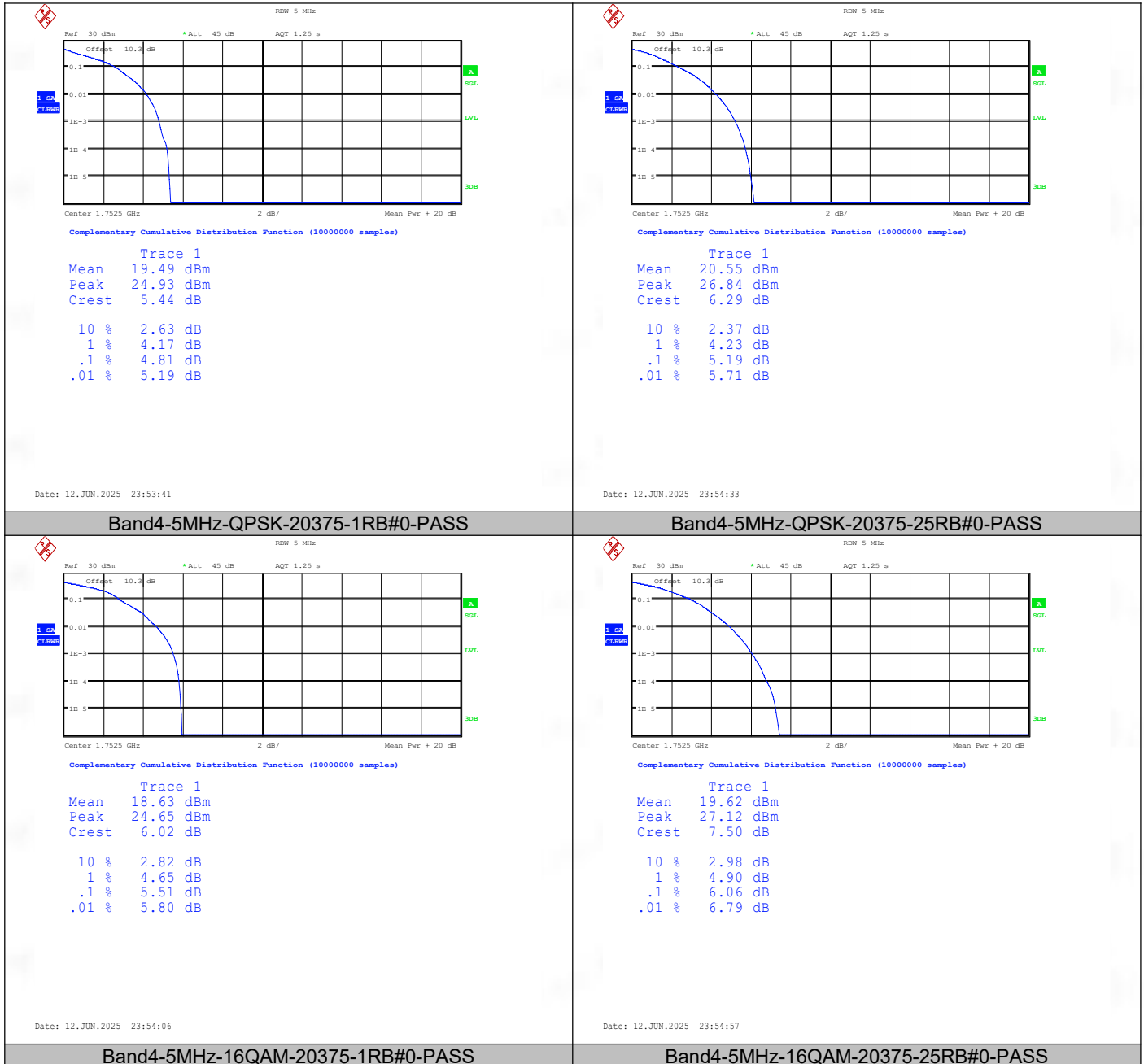


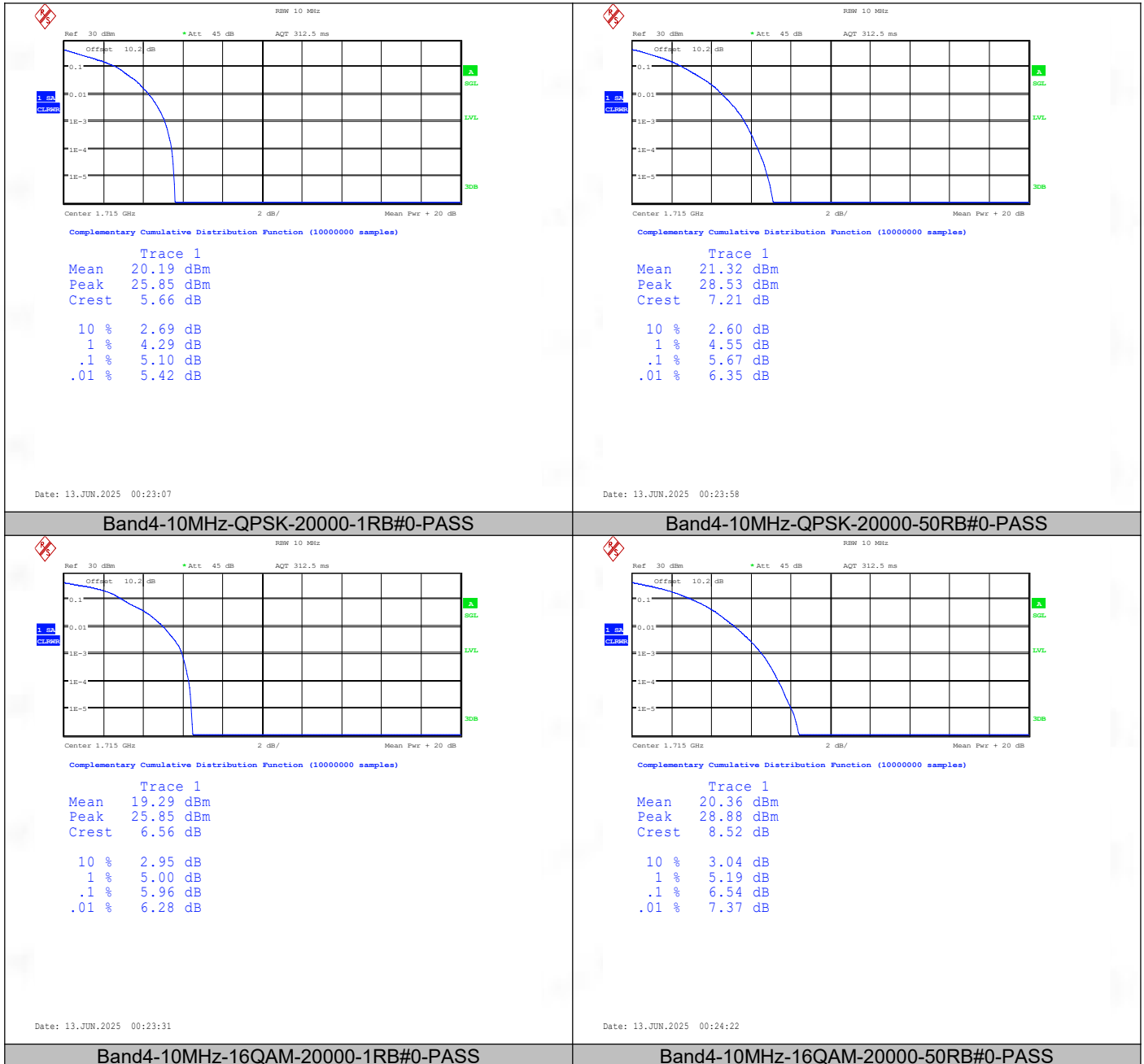


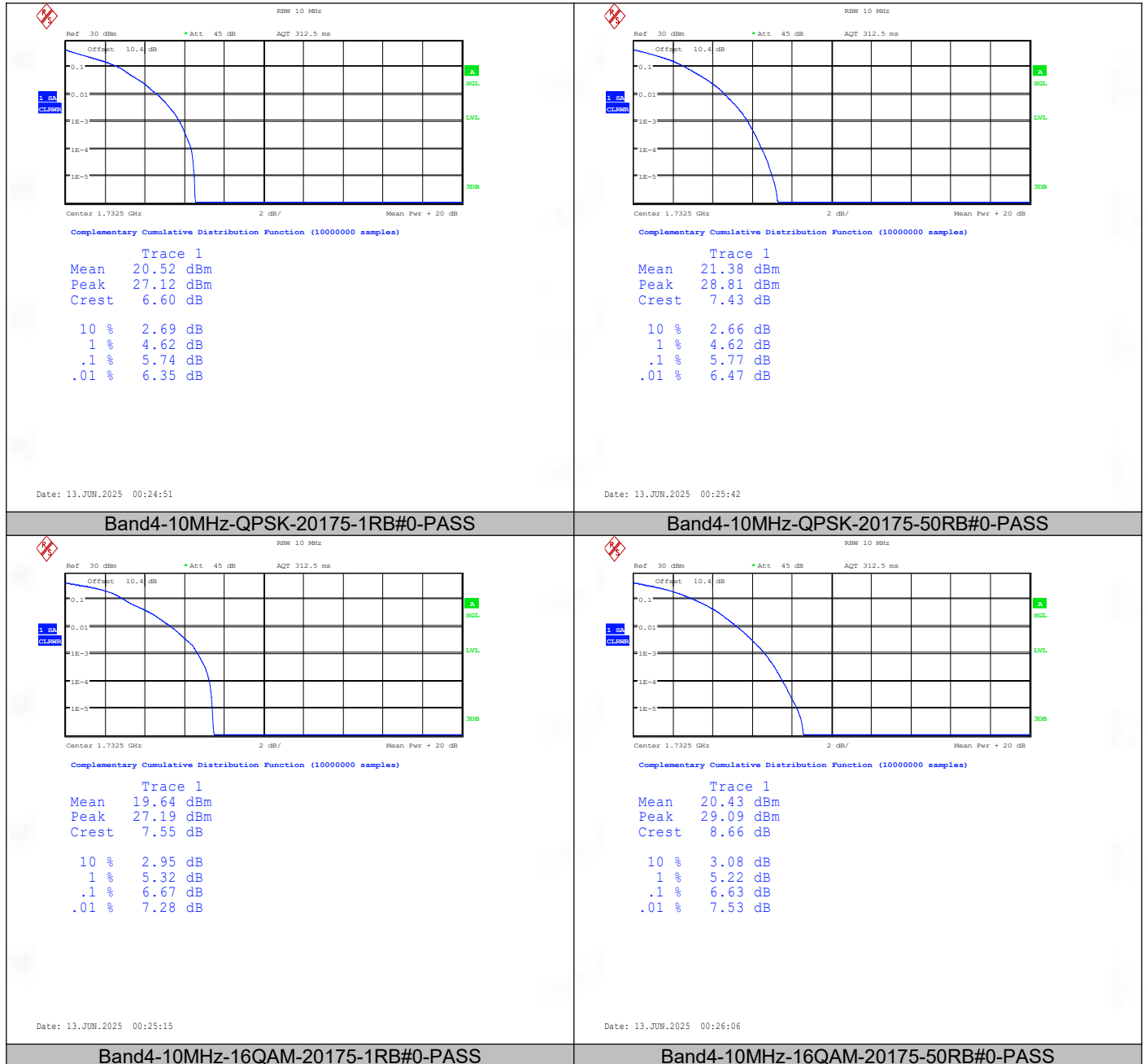


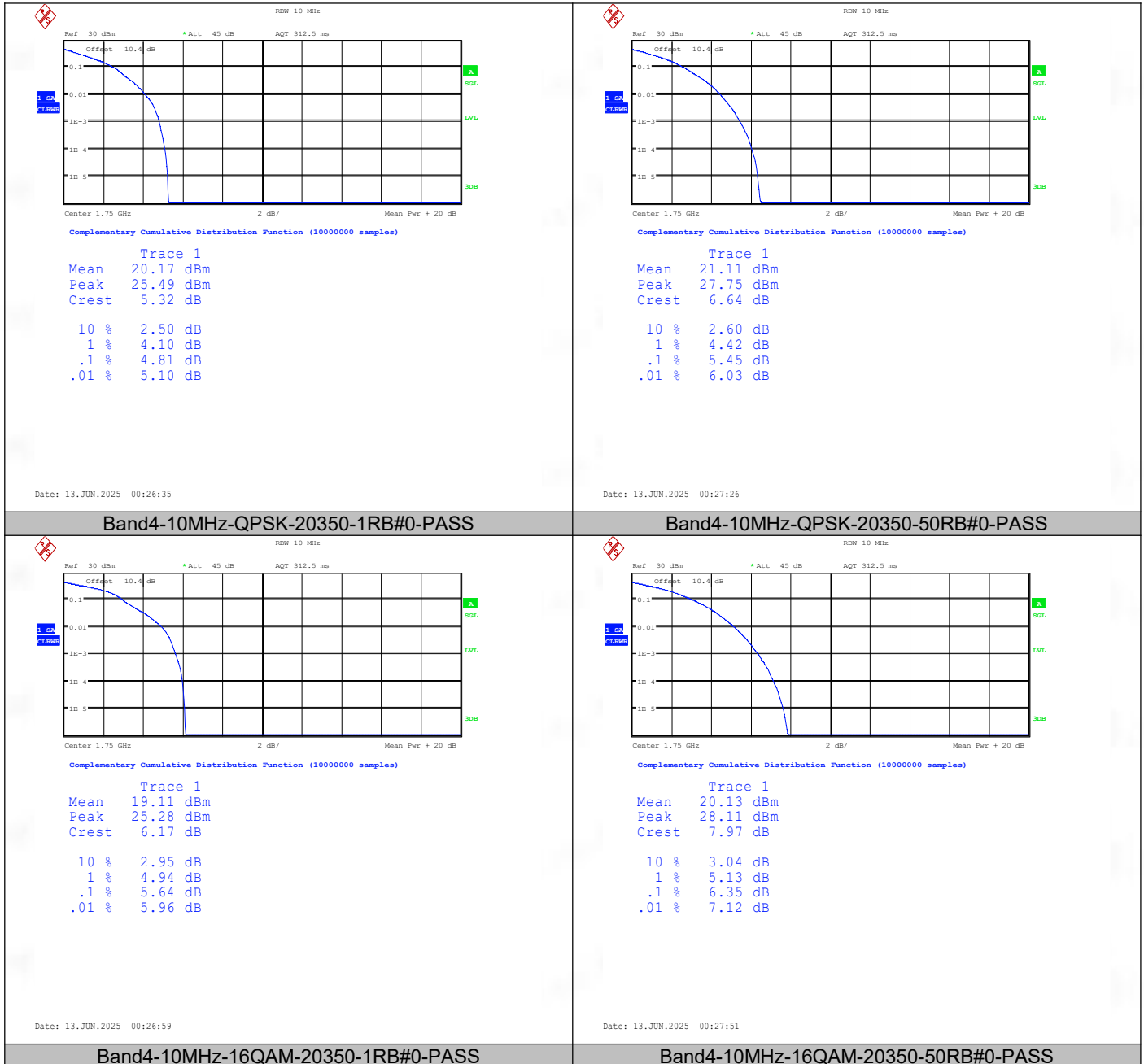


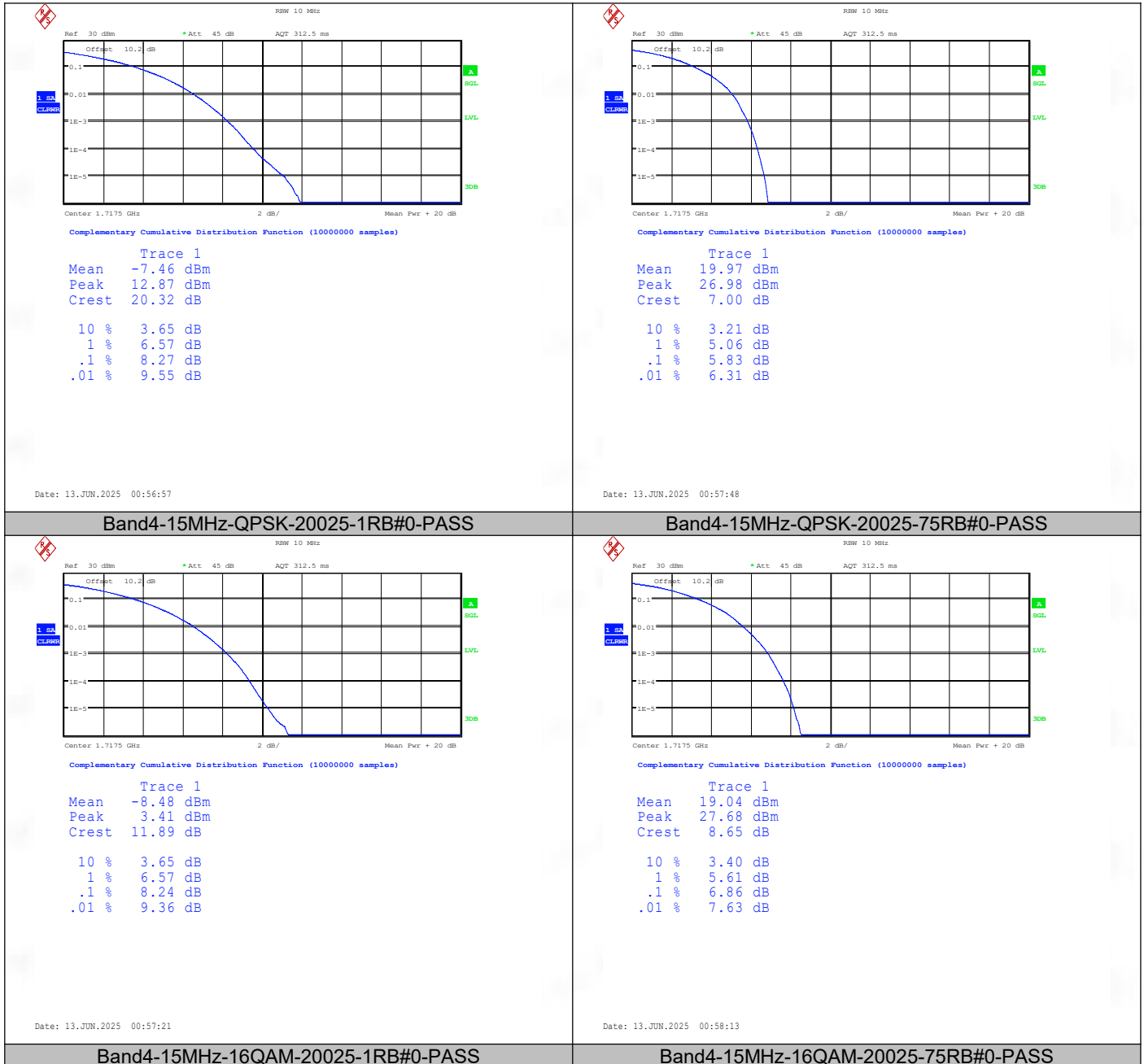


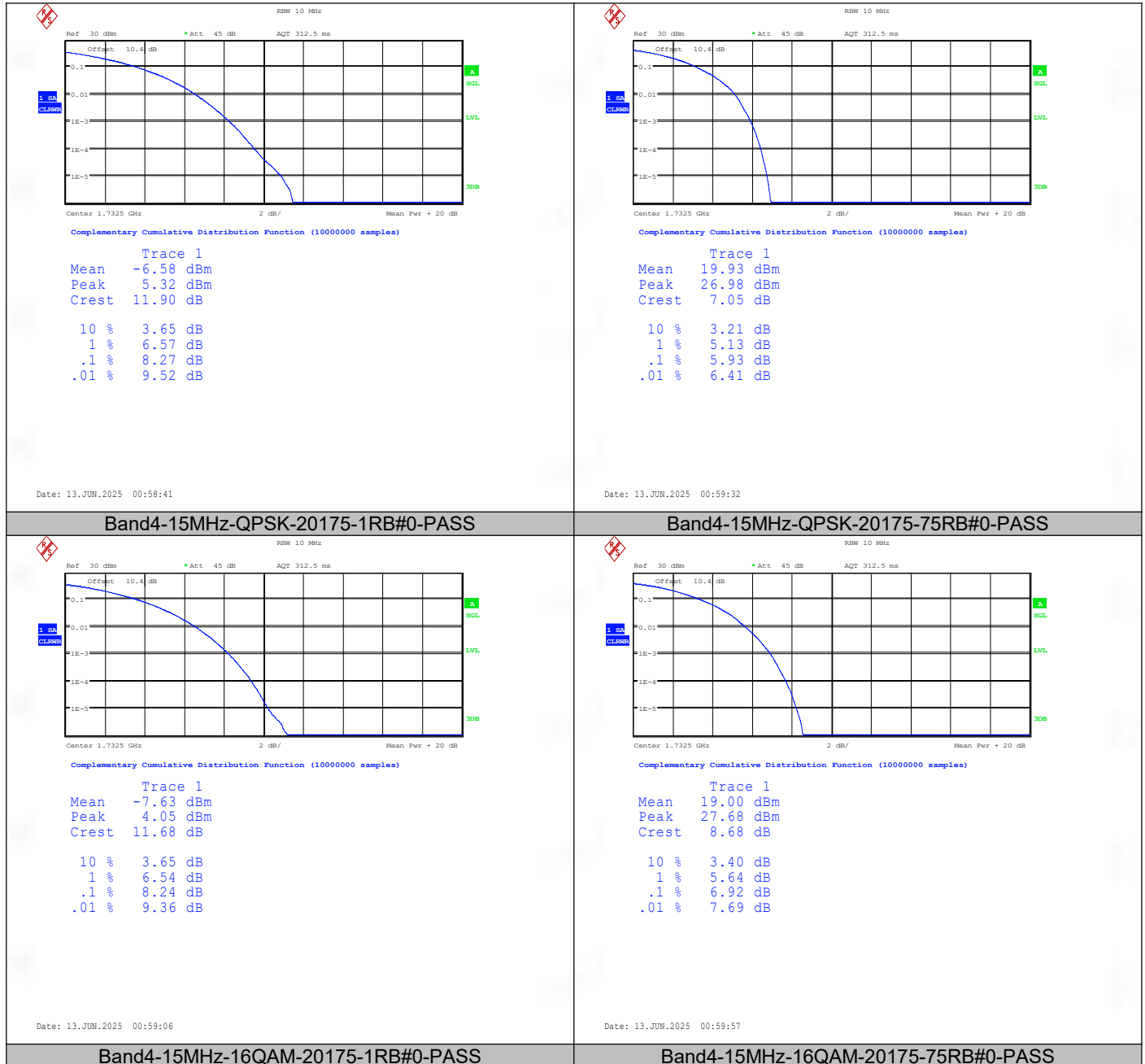


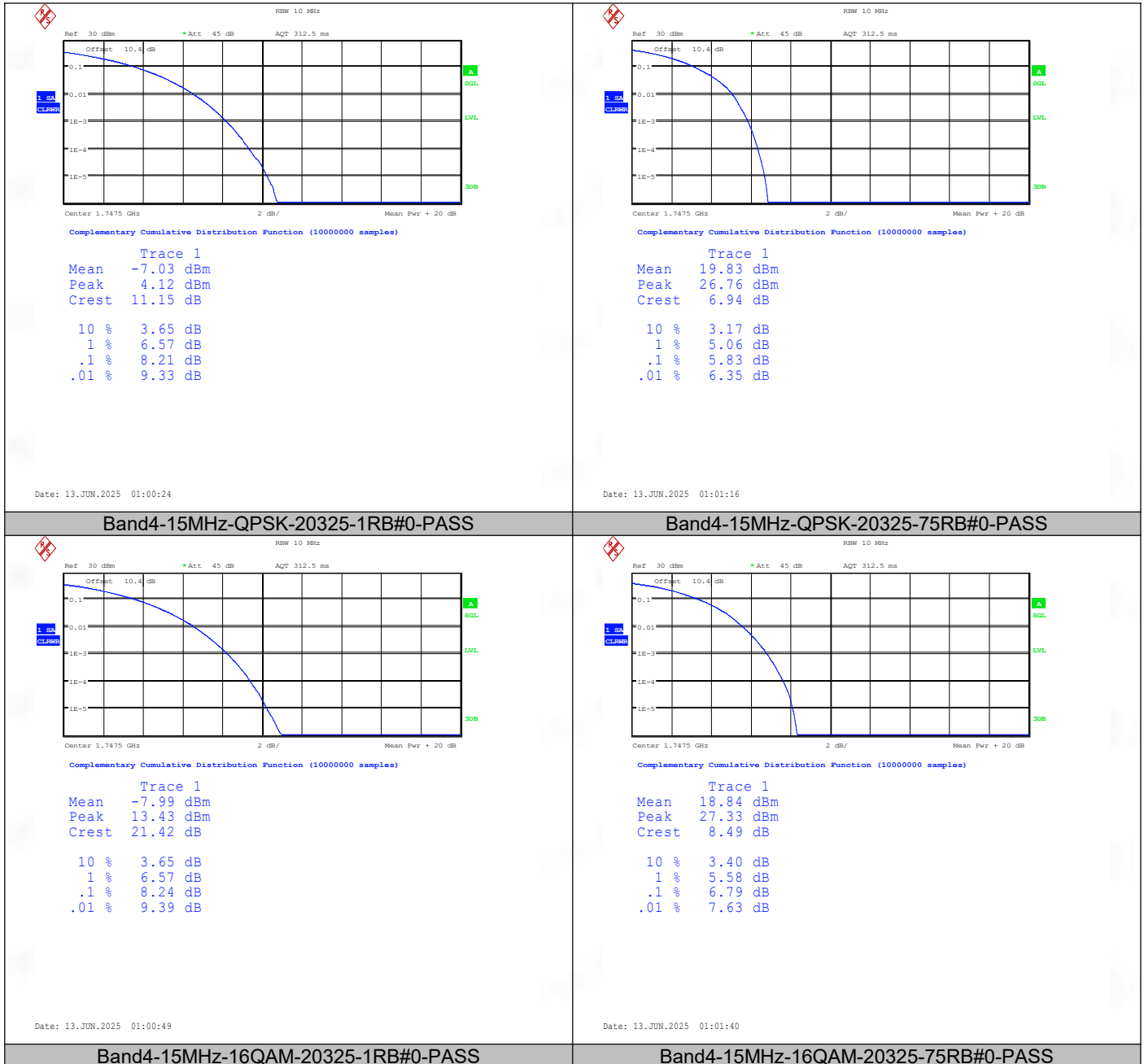


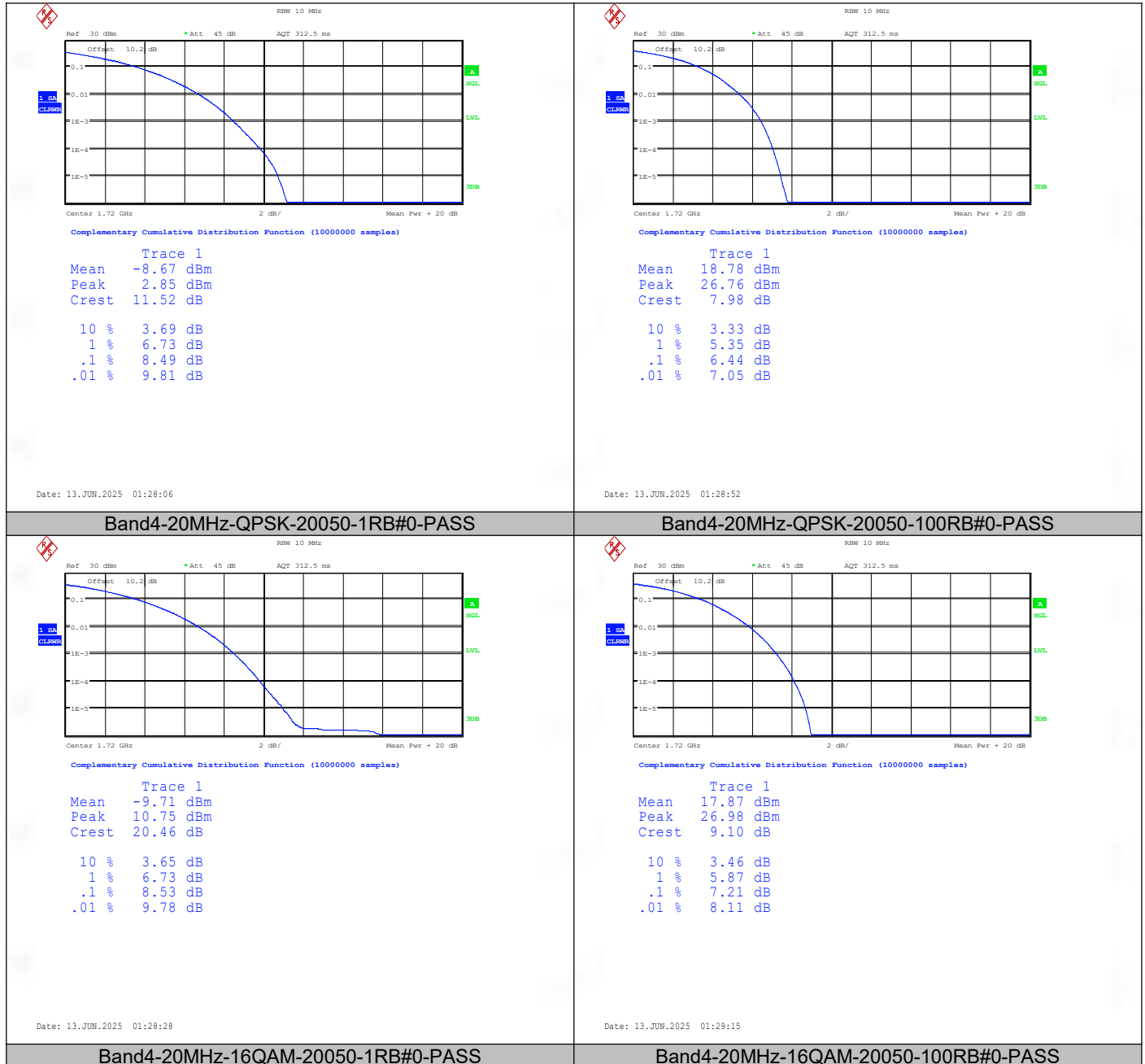


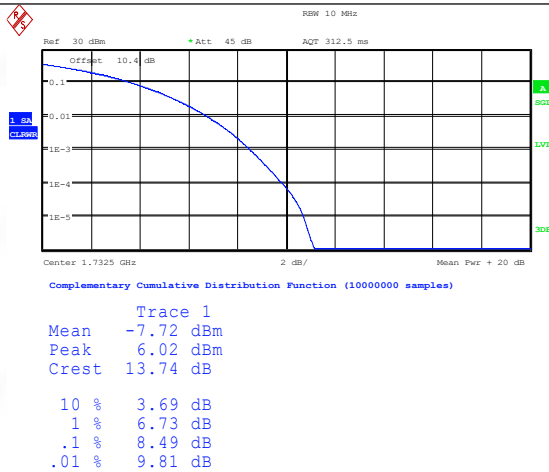




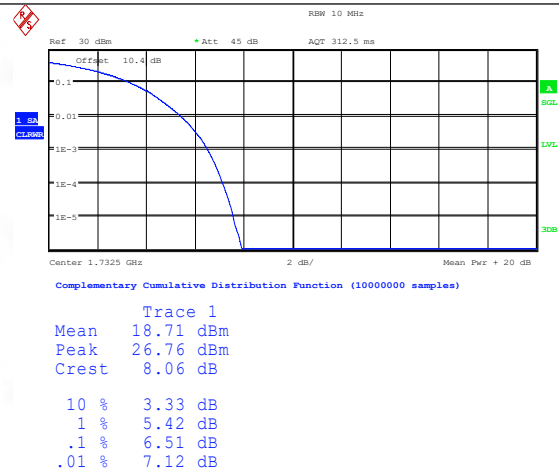






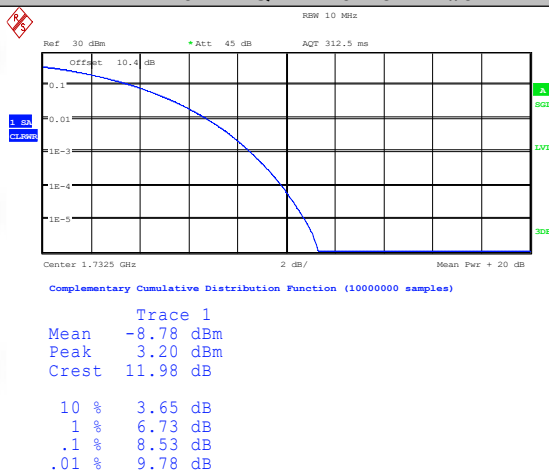


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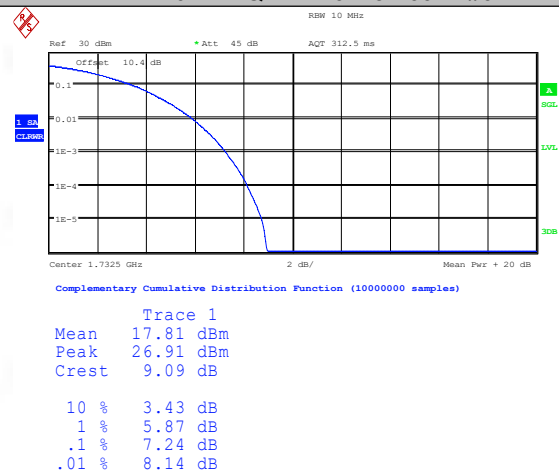
Date: 13.JUN.2025 01:30:26

Band4-20MHz-QPSK-20175-1RB#0-PASS



Date: 13.JUN.2025 01:30:02

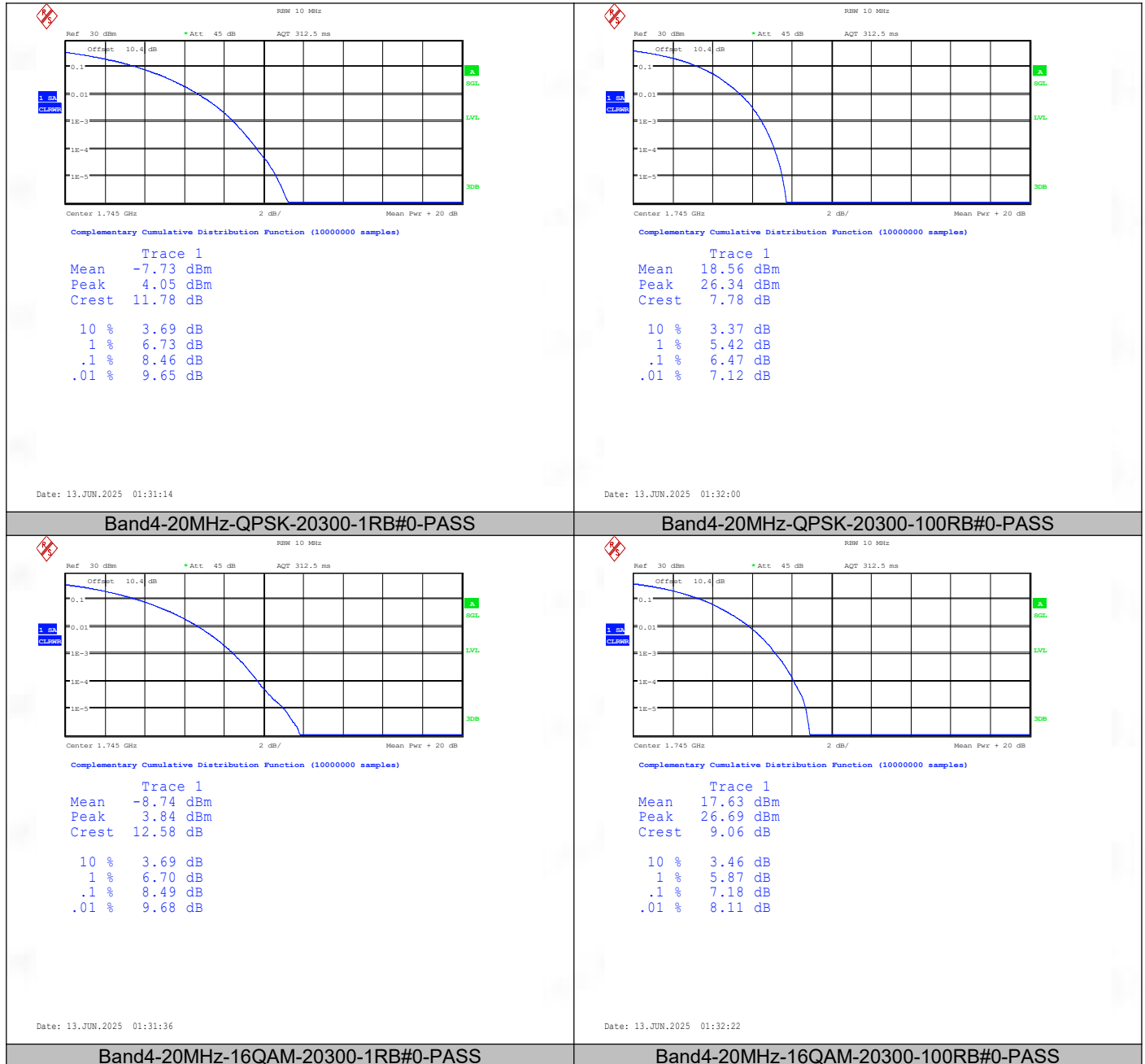
Band4-20MHz-QPSK-20175-100RB#0-PASS



Date: 13.JUN.2025 01:30:49

Band4-20MHz-16QAM-20175-1RB#0-PASS

Band4-20MHz-16QAM-20175-100RB#0-PASS

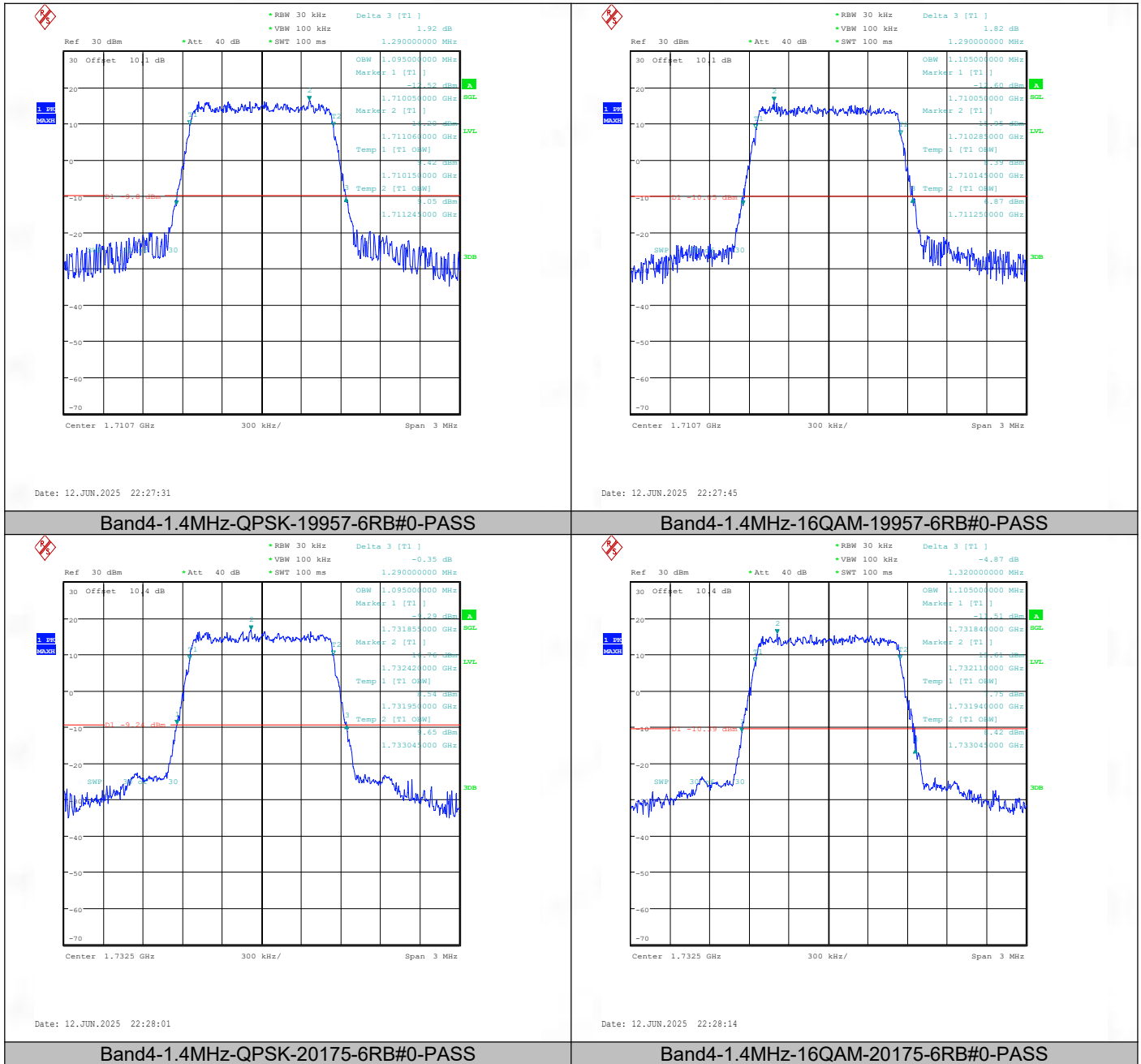


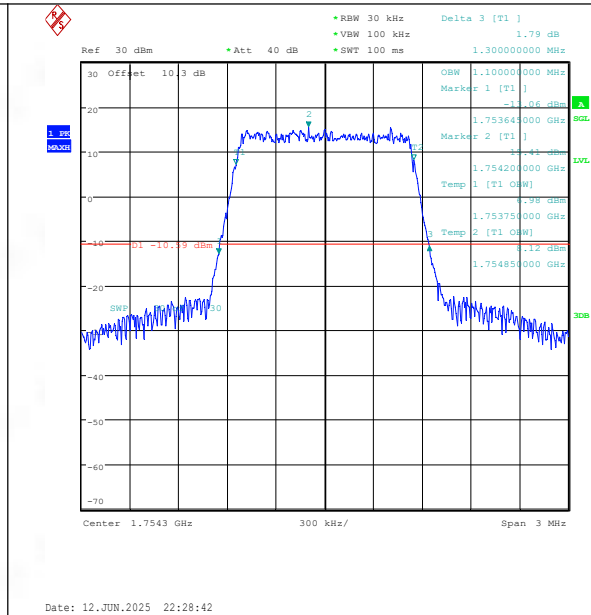
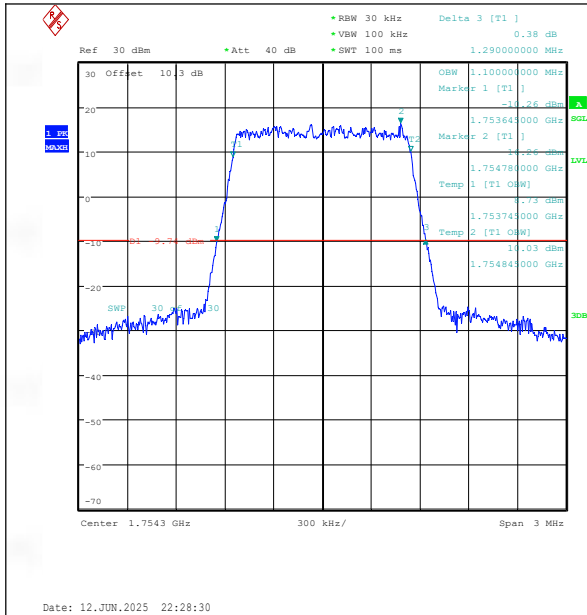
## 1.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

### 1.3.1 Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.095                    | 1.29                 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.105                    | 1.29                 | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.095                    | 1.29                 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.105                    | 1.32                 | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.1                      | 1.29                 | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.1                      | 1.30                 | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.7                      | 2.97                 | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.69                     | 2.99                 | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.69                     | 2.98                 | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.68                     | 2.96                 | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.69                     | 2.97                 | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.69                     | 2.97                 | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.51                     | 4.94                 | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.5                      | 4.91                 | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.51                     | 4.95                 | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.5                      | 4.92                 | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.5                      | 4.93                 | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.51                     | 5.01                 | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 9                        | 9.90                 | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 9                        | 9.83                 | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 9                        | 9.90                 | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 9                        | 9.83                 | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 9                        | 10.03                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 9                        | 10.03                | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 13.55                    | 14.85                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 13.5                     | 14.80                | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 13.55                    | 14.80                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20175   | 75RB#0           | 13.5                     | 14.75                | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 13.45                    | 14.90                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 75RB#0           | 13.45                    | 15.10                | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 18.067                   | 19.87                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | 18.133                   | 19.80                | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 18.067                   | 19.80                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0          | 18.133                   | 19.87                | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 18.067                   | 19.93                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0          | 18.067                   | 19.73                | PASS    |

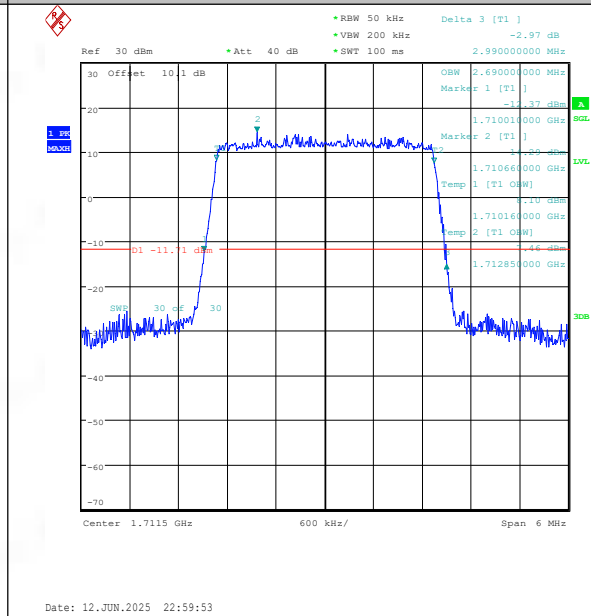
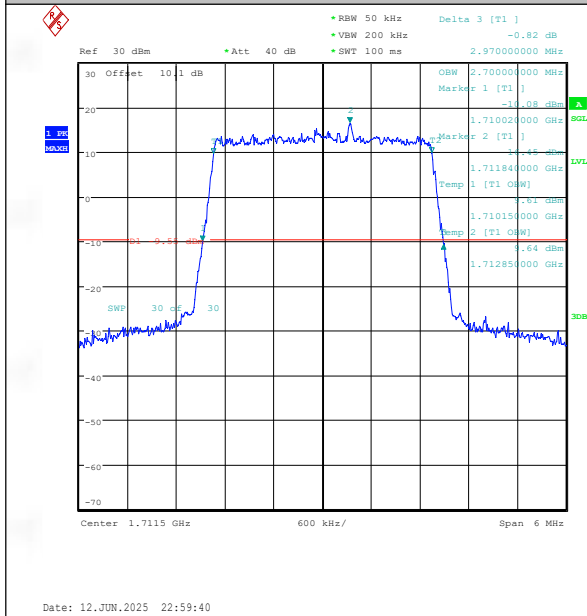
### 1.3.2 Test Graphs





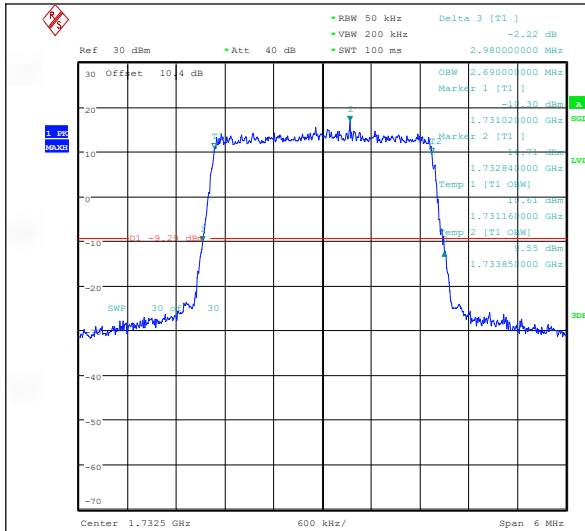
Band4-1.4MHz-QPSK-20393-6RB#0-PASS

Band4-1.4MHz-16QAM-20393-6RB#0-PASS

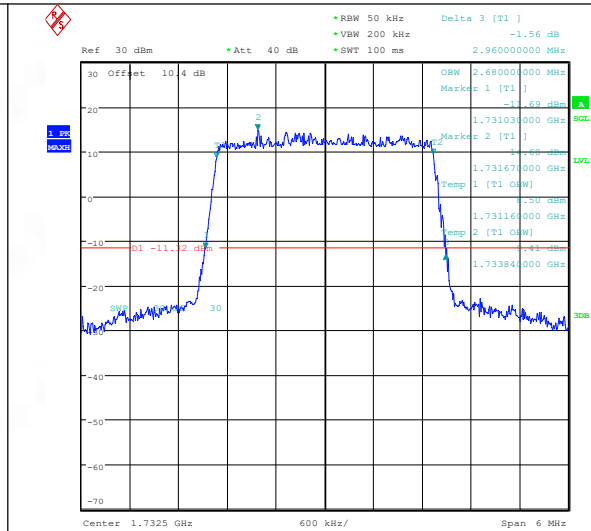


Band4-3MHz-QPSK-19965-15RB#0-PASS

Band4-3MHz-16QAM-19965-15RB#0-PASS

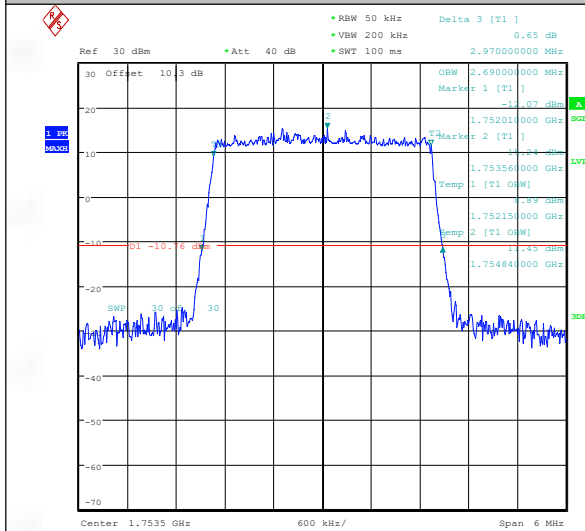


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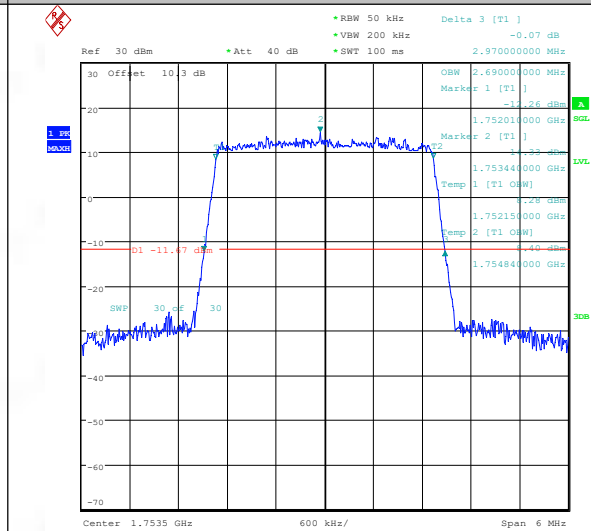


Date: 12.JUN.2025 23:00:22

### Band4-3MHz-QPSK-20175-15RB#0-PASS



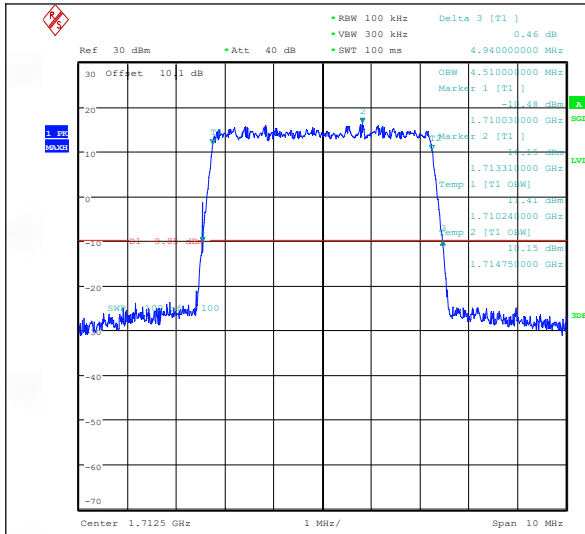
Date: 12.JUN.2025 23:00:38



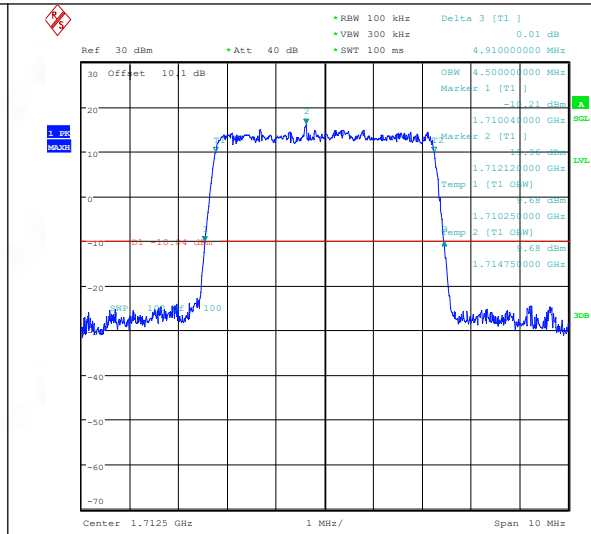
Date: 12.JUN.2025 23:00:50

### Band4-3MHz-QPSK-20385-15RB#0-PASS

### Band4-3MHz-16QAM-20385-15RB#0-PASS

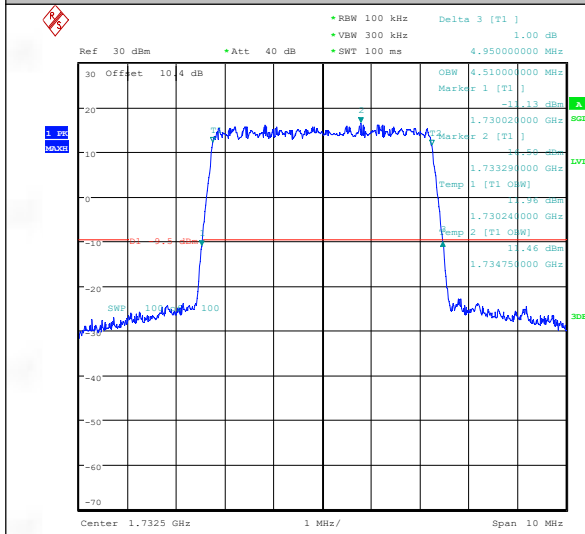


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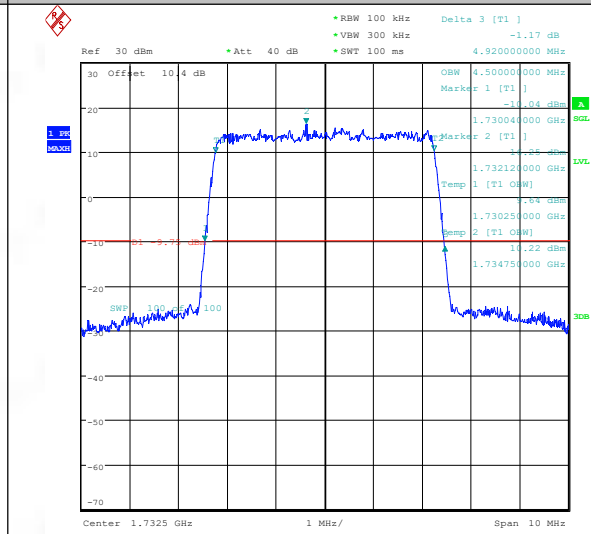
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Date: 12.JUN.2025 23:32:39

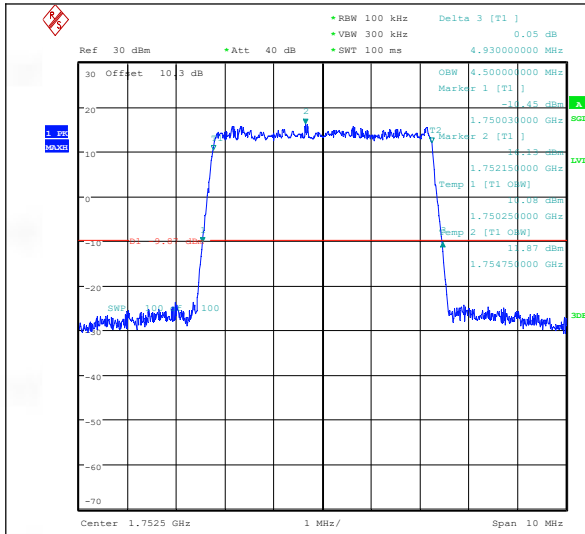
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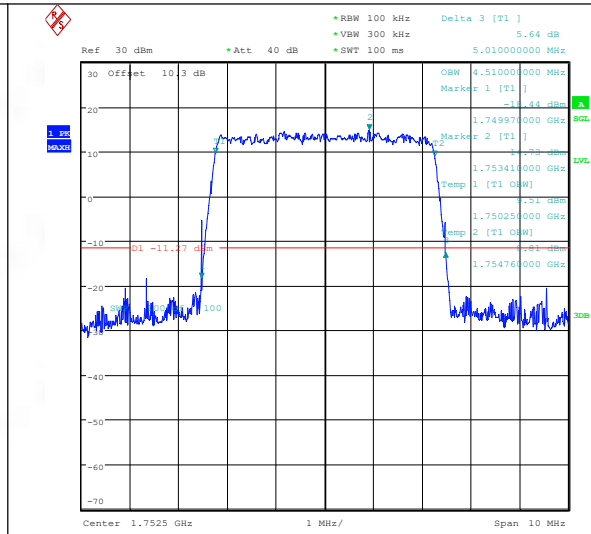
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### Band4-5MHz-QPSK-20175-25RB#0-PASS

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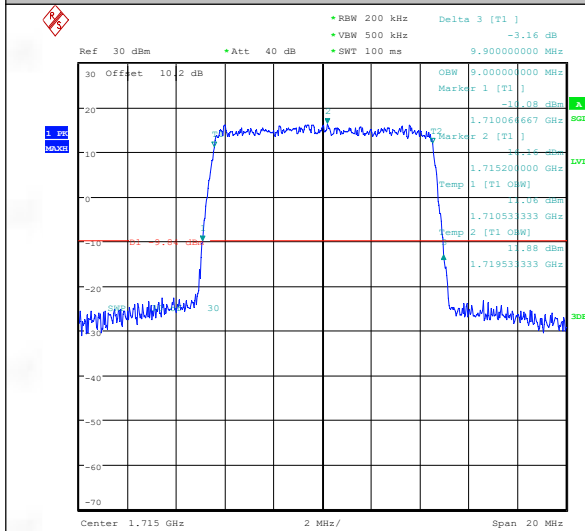


Date: 12.JUN.2025 23:33:23



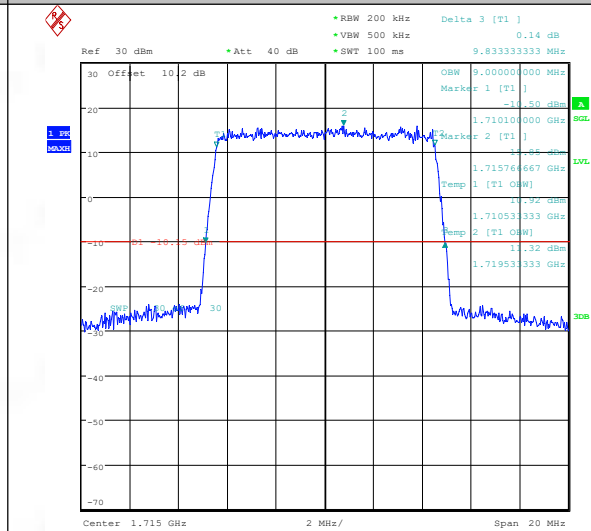
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### Band4-5MHz-QPSK-20375-25RB#0-PASS



Date: 13.JUN.2025 00:04:37

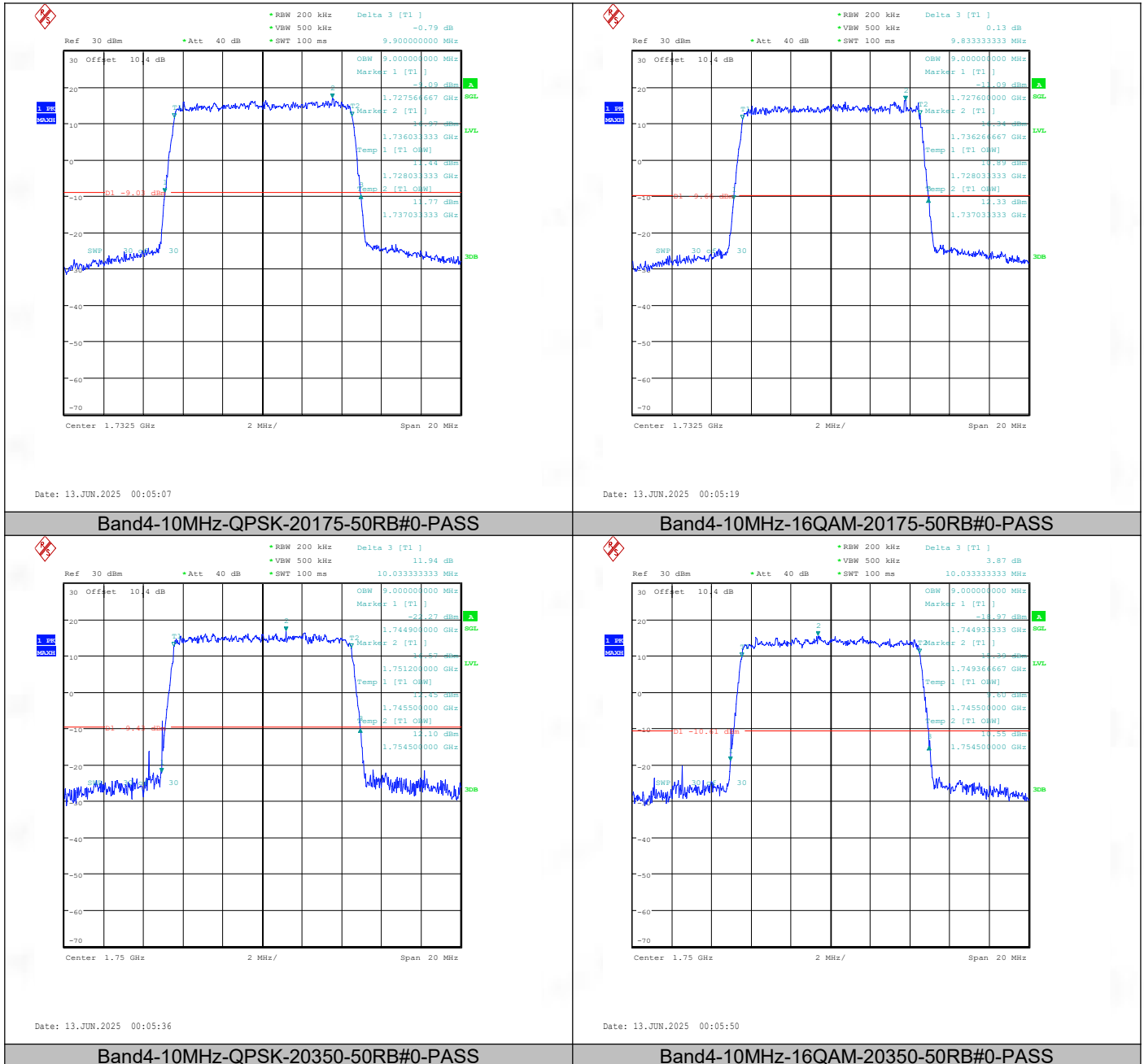
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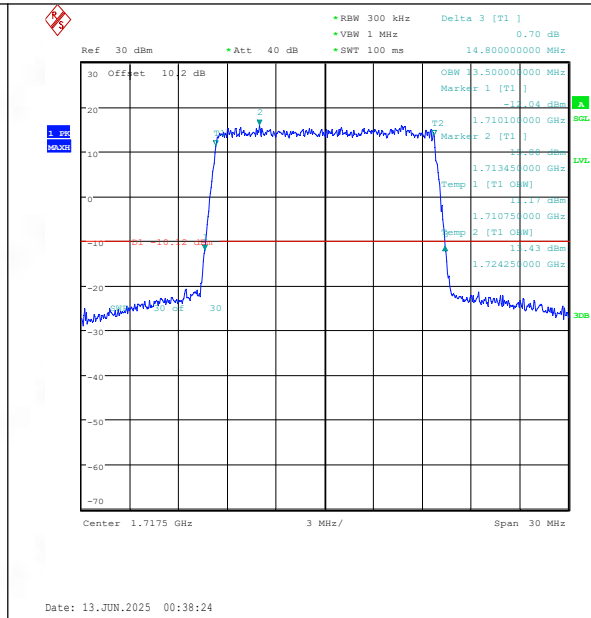
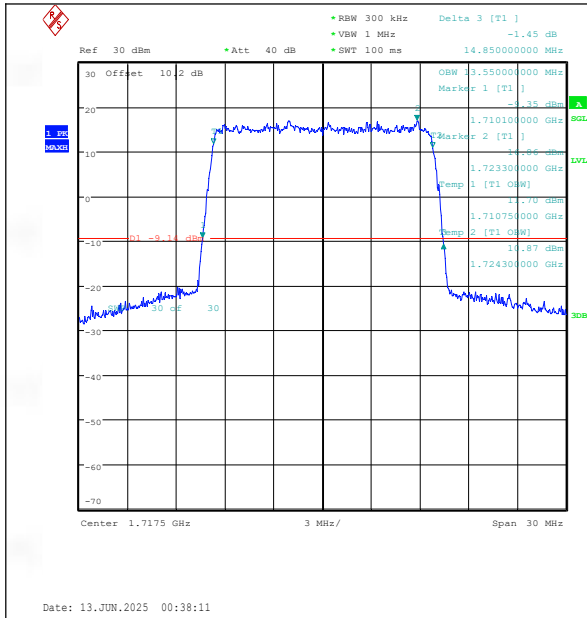


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### Band4-10MHz-QPSK-20000-50RB#0-PASS

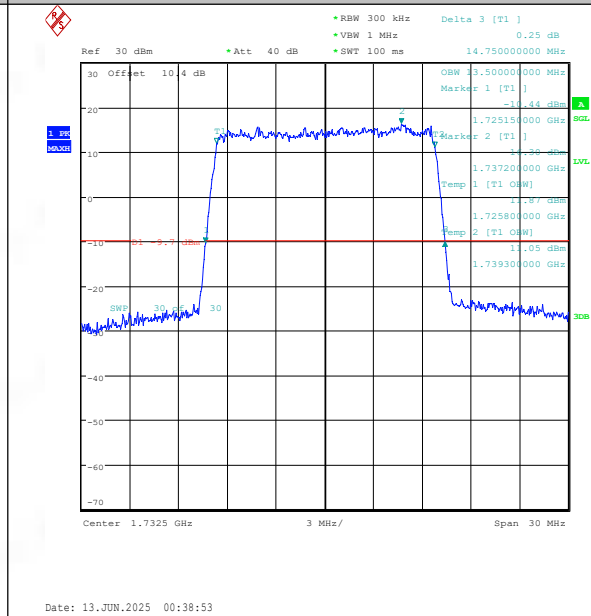
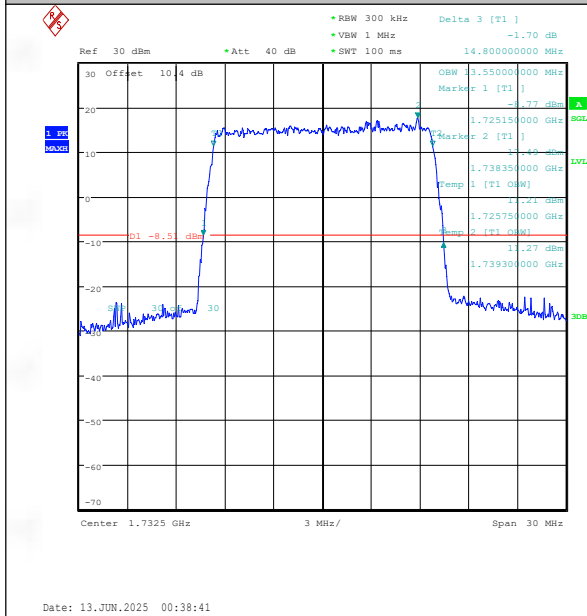
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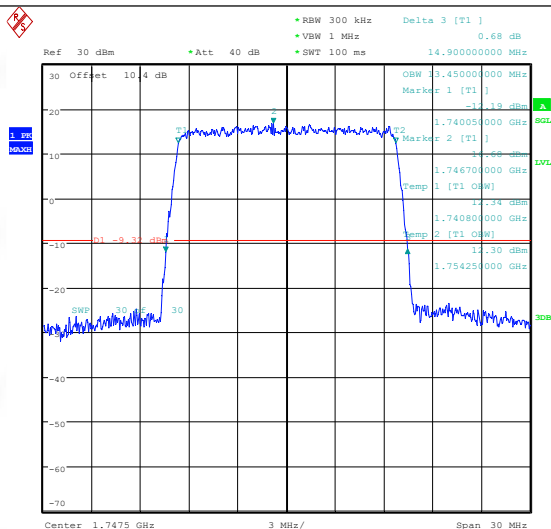
Band4-15MHz-QPSK-20025-75RB#0-PASS

Band4-15MHz-16QAM-20025-75RB#0-PASS

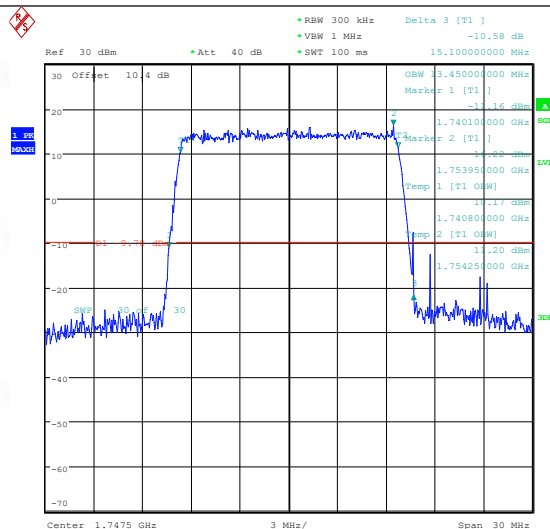


Band4-15MHz-QPSK-20175-75RB#0-PASS

Band4-15MHz-16QAM-20175-75RB#0-PASS

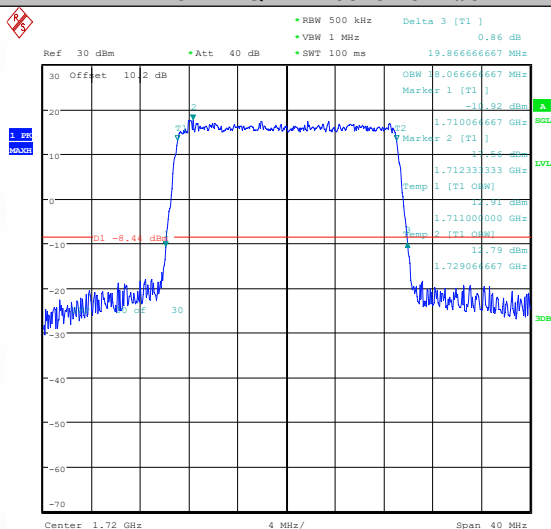


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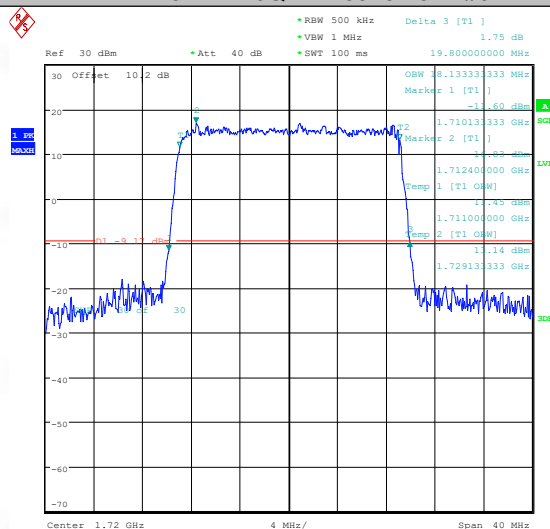
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Band4-15MHz-QPSK-20325-75RB#0-PASS



Date: 13.JUN.2025 01:09:48

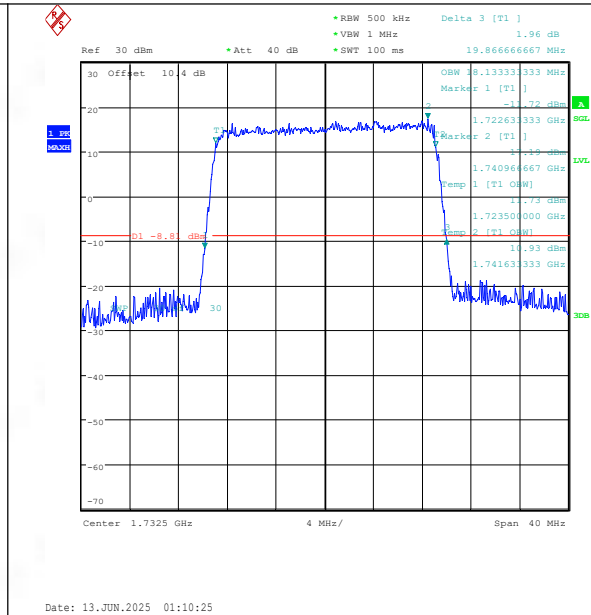
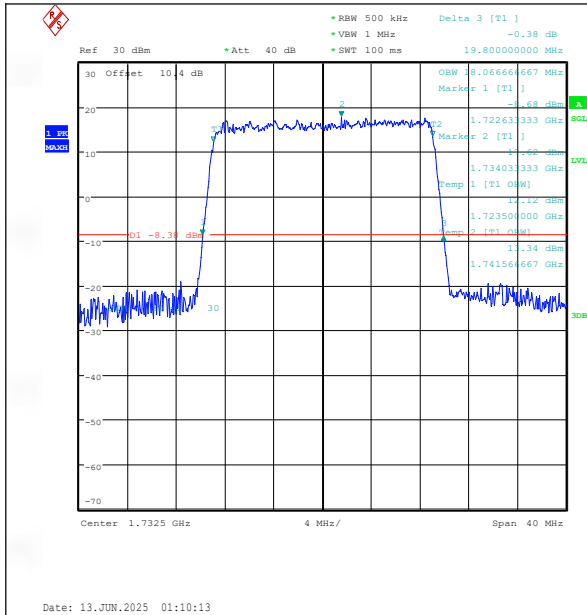
Band4-15MHz-16QAM-20325-75RB#0-PASS



Date: 13.JUN.2025 01:10:00

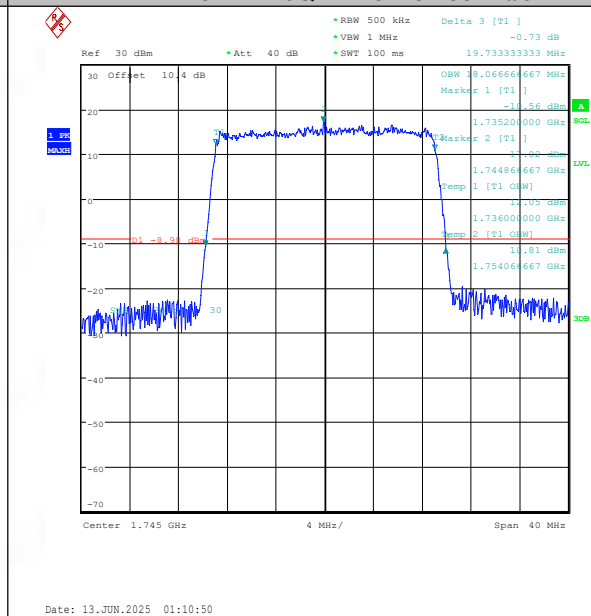
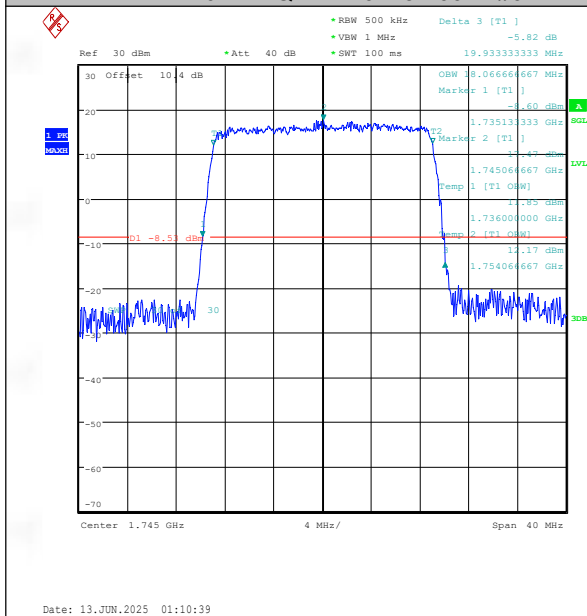
Band4-20MHz-QPSK-20050-100RB#0-PASS

Band4-20MHz-16QAM-20050-100RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS

Band4-20MHz-16QAM-20175-100RB#0-PASS



Band4-20MHz-QPSK-20300-100RB#0-PASS

Band4-20MHz-16QAM-20300-100RB#0-PASS

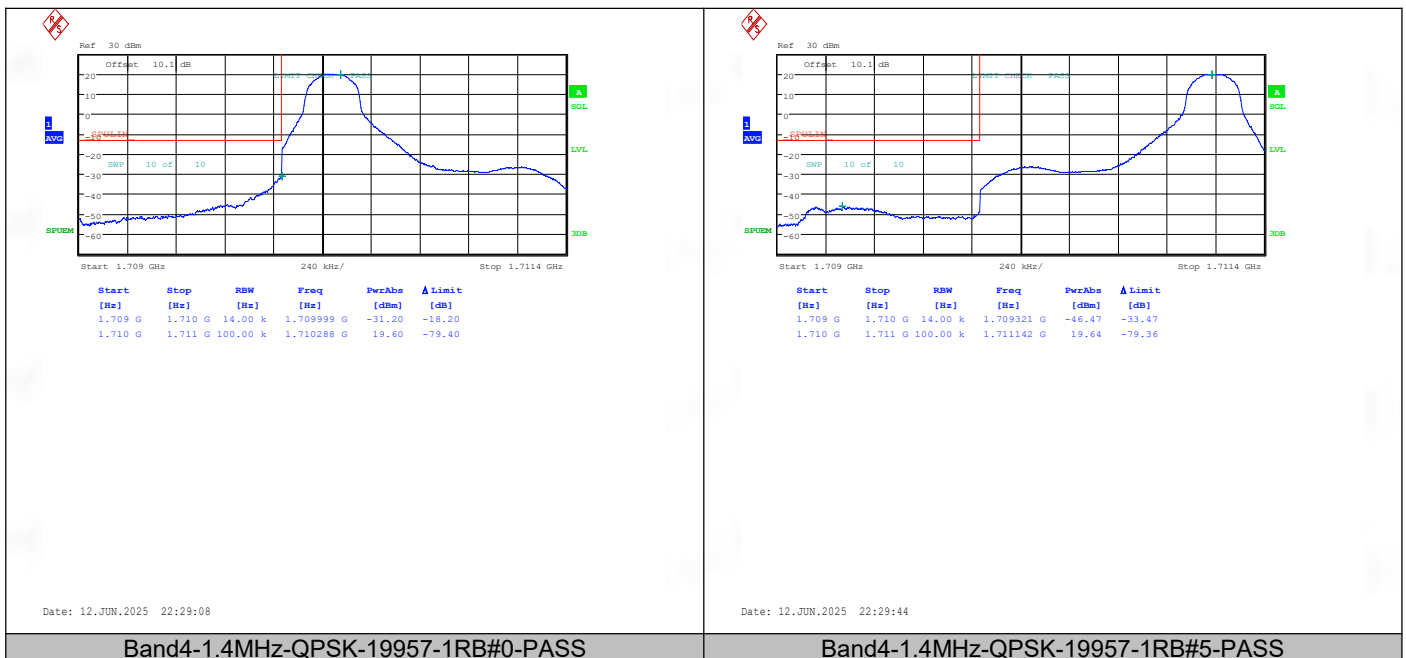
## 1.4 Appendix D: Band Edge

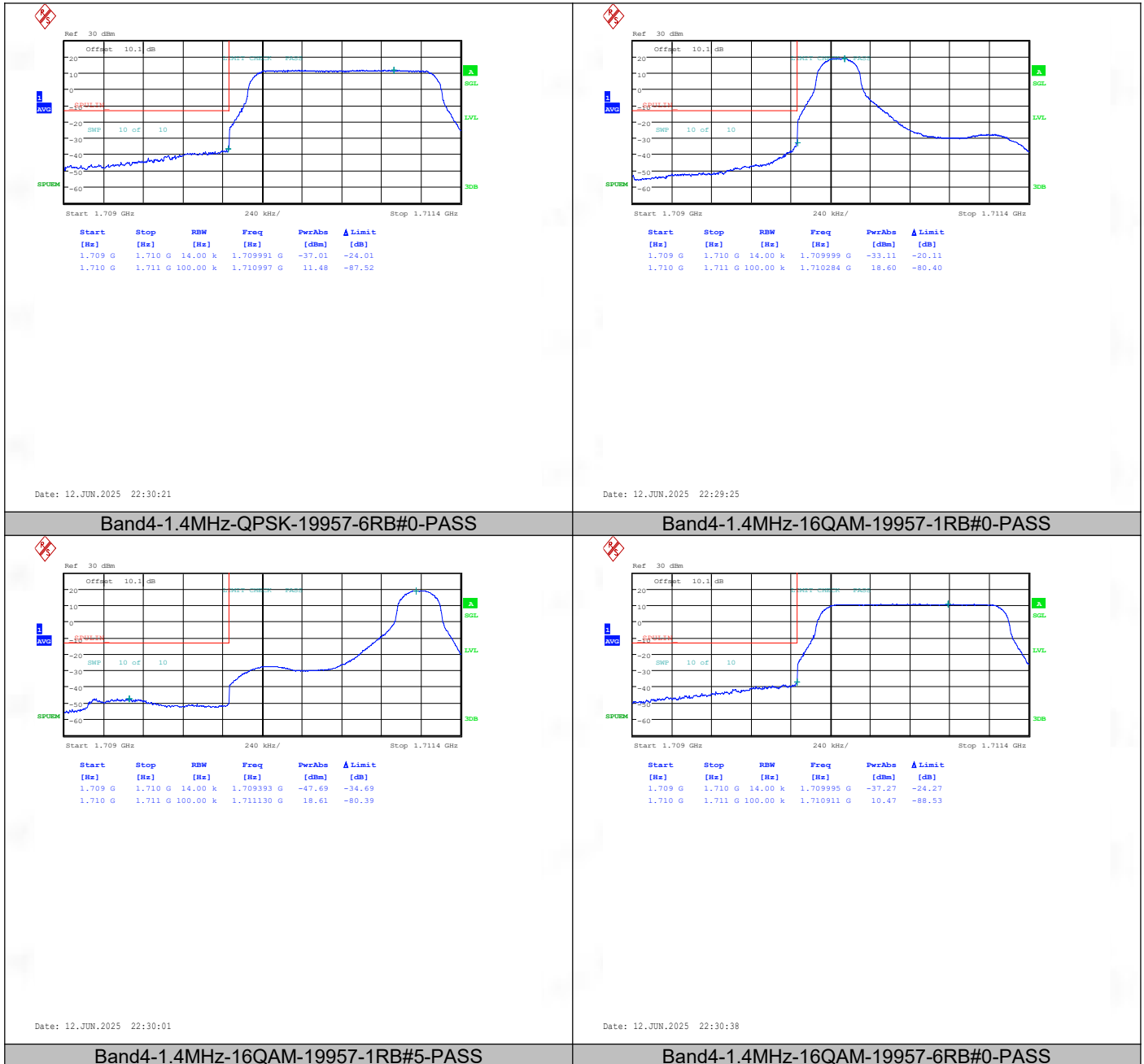
### 1.4.1 Test Result

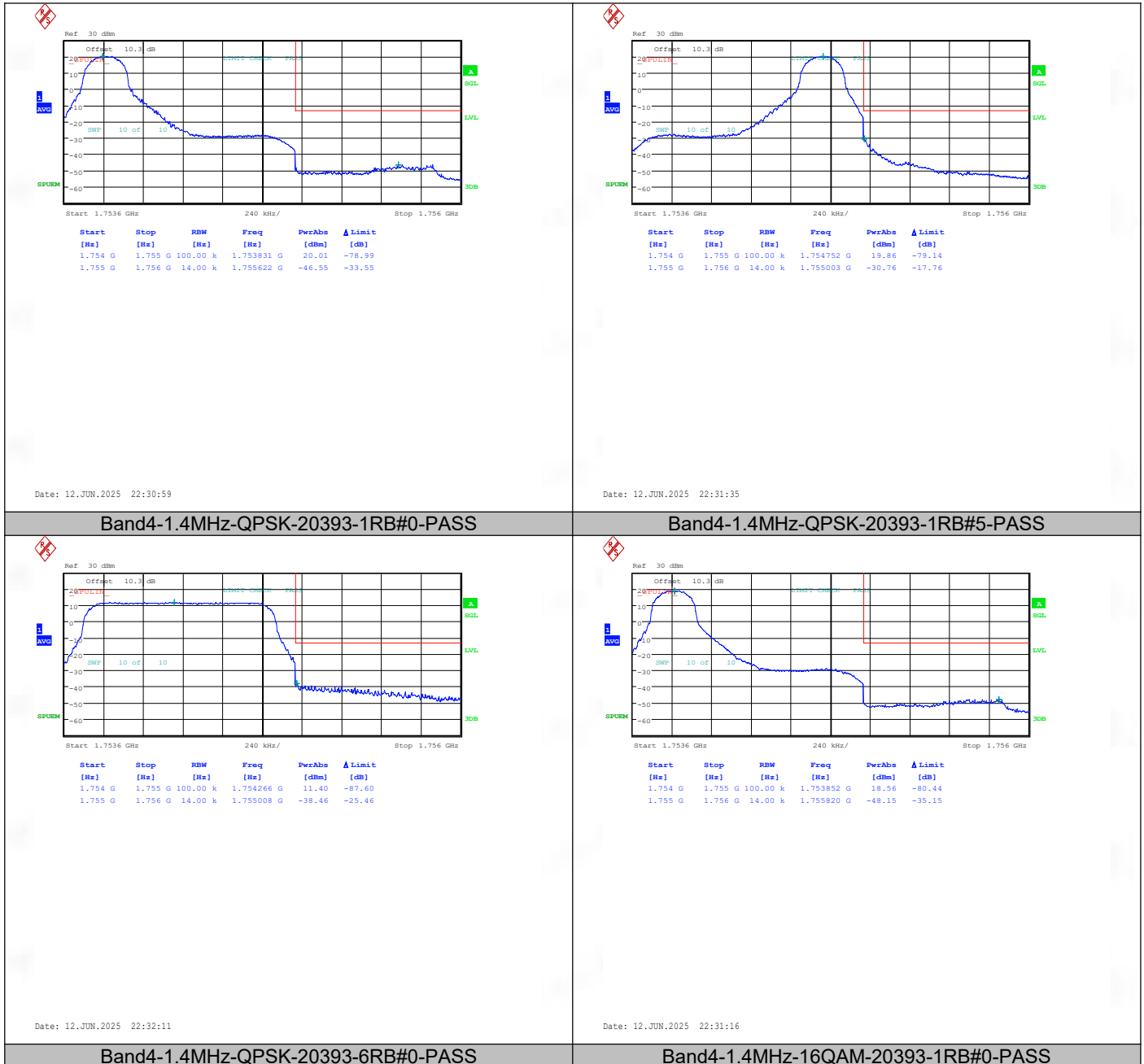
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | -31.20      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | -46.47      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | -37.01      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | -33.11      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | -47.69      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | -37.27      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | -46.55      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | -30.76      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | -38.46      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | -48.15      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | -33.37      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | -38.44      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | -19.02      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#14           | -41.74      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | -29.86      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | -19.42      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#14           | -42.06      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | -31.81      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | -42.50      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#14           | -19.25      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | -32.43      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | -43.24      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#14           | -19.58      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | -33.22      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | -25.09      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#24           | -44.04      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | -34.79      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | -26.12      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#24           | -44.59      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | -36.28      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | -44.22      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#24           | -24.31      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | -36.46      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | -44.97      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#24           | -26.11      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | -38.28      | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 1RB#0            | -28.57      | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 1RB#49           | -43.07      | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | -33.58      | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 1RB#0            | -29.19      | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 1RB#49           | -43.44      | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | -35.62      | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 1RB#0            | -43.00      | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 1RB#49           | -27.93      | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | -40.00      | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 1RB#0            | -43.52      | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 1RB#49           | -28.07      | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | -40.75      | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 1RB#0            | -29.07      | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 1RB#74           | -38.20      | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | -33.13      | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 1RB#0            | -29.83      | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 1RB#74           | -38.77      | PASS    |

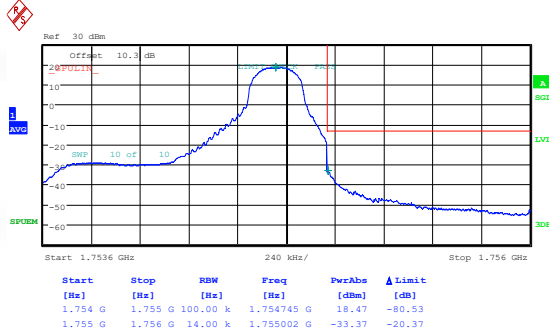
|       |       |       |       |         |        |      |
|-------|-------|-------|-------|---------|--------|------|
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | -34.59 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | -38.37 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | -29.17 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | -39.53 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | -39.45 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | -30.68 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | -40.92 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | -30.55 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | -38.51 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | -32.67 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | -31.54 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | -39.40 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | -34.20 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | -37.66 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | -30.98 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | -39.54 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | -38.28 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | -31.85 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | -40.58 | PASS |

## 1.4.2 Test Graphs

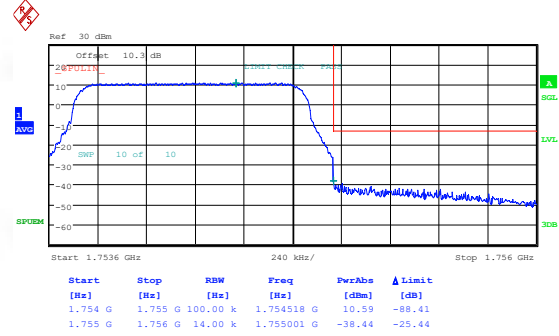








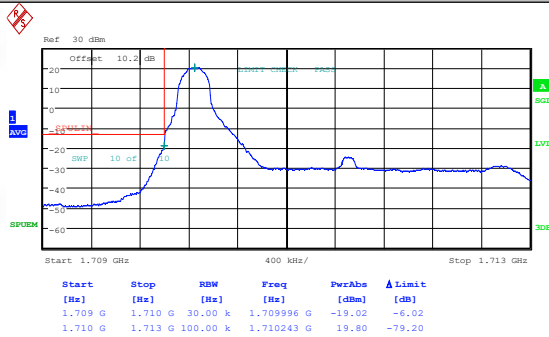
Date: 12.JUN.2025 22:31:52



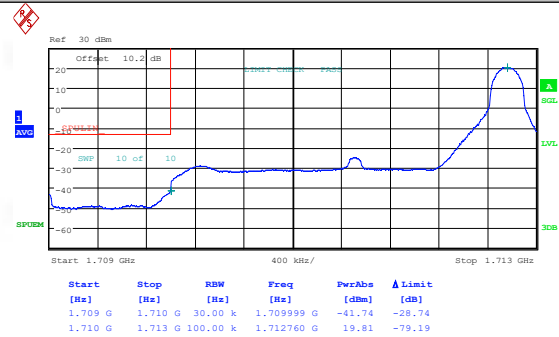
Date: 12.JUN.2025 22:32:28

### Band4-1.4MHz-16QAM-20393-1RB#5-PASS

### Band4-1.4MHz-16QAM-20393-6RB#0-PASS



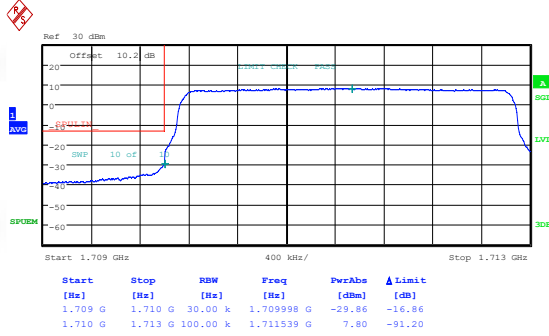
Date: 12.JUN.2025 23:01:15



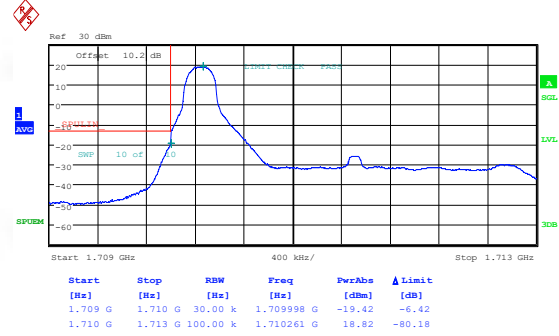
Date: 12.JUN.2025 23:01:53

### Band4-3MHz-QPSK-19965-1RB#0-PASS

### Band4-3MHz-QPSK-19965-1RB#14-PASS



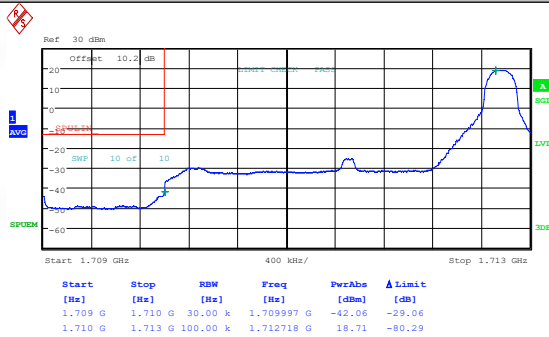
Date: 12.JUN.2025 23:02:31



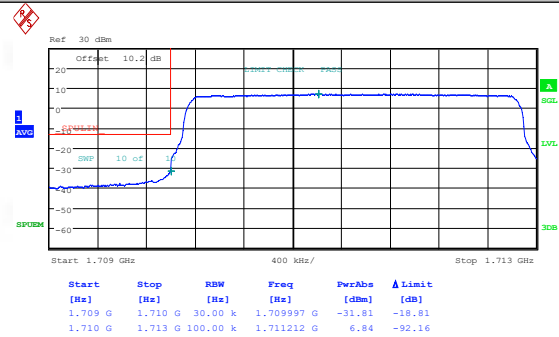
Date: 12.JUN.2025 23:01:33

### Band4-3MHz-QPSK-19965-15RB#0-PASS

### Band4-3MHz-16QAM-19965-1RB#0-PASS



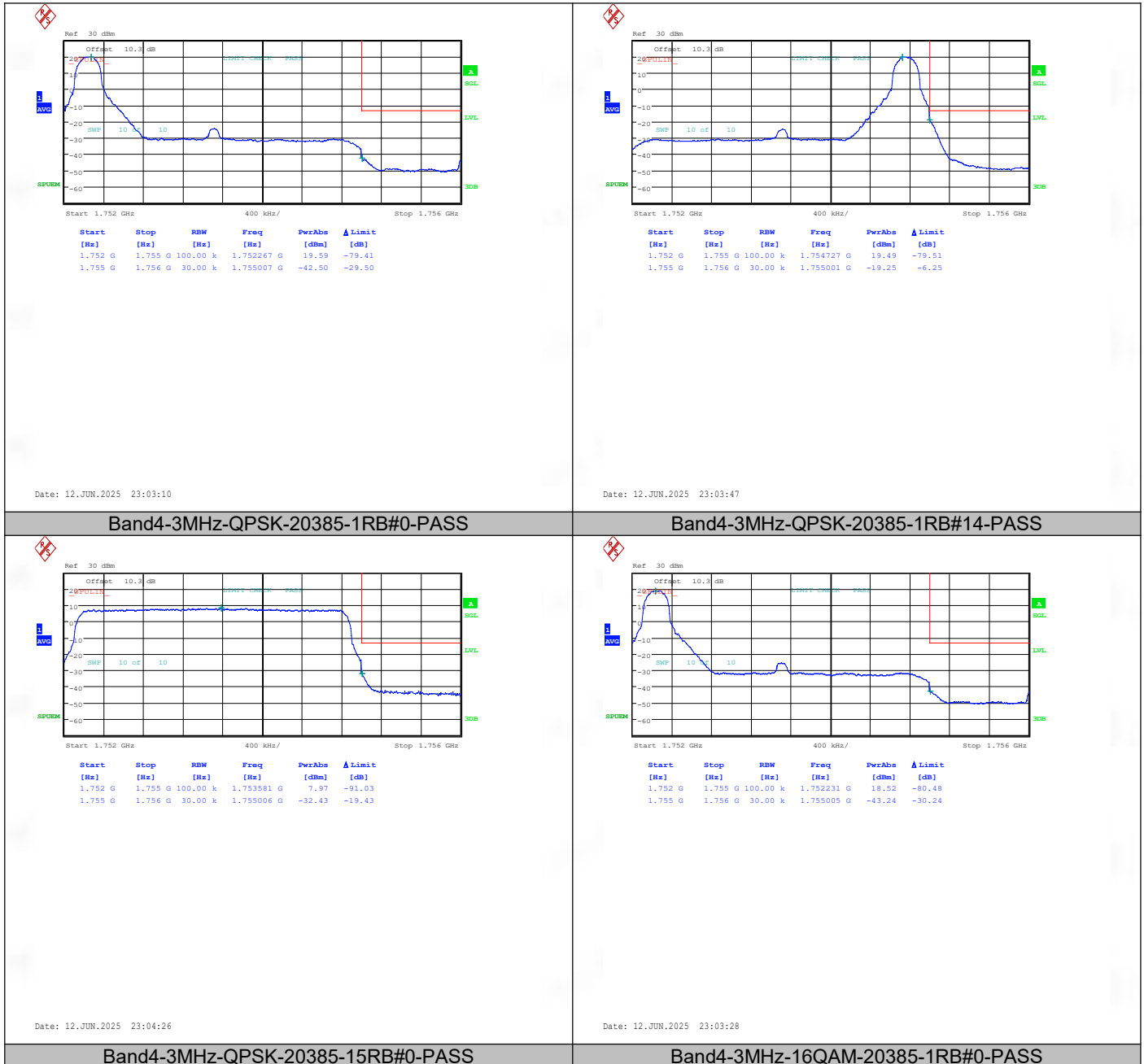
Date: 12.JUN.2025 23:02:11

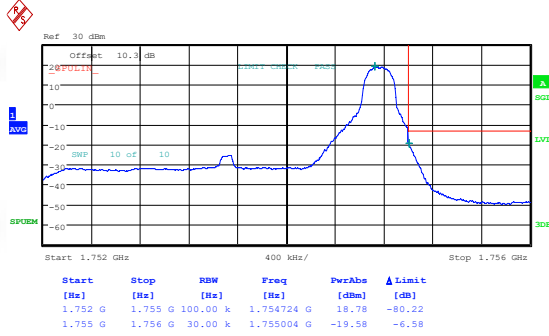


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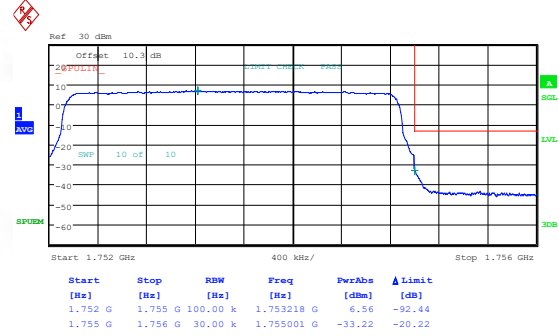
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### Band4-3MHz-16QAM-19965-15RB#0-PASS





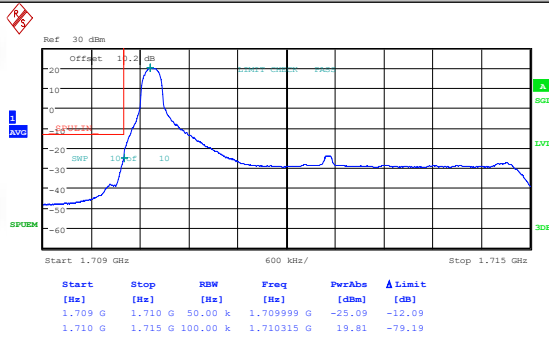
Date: 12.JUN.2025 23:04:07



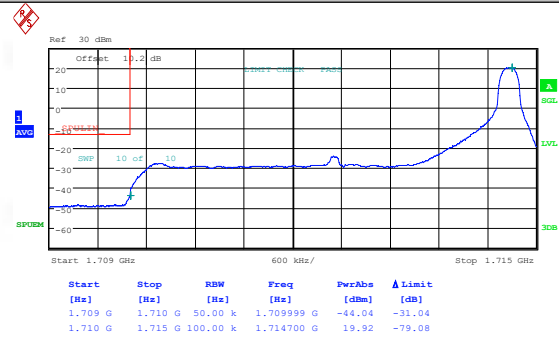
Date: 12.JUN.2025 23:04:45

### Band4-3MHz-16QAM-20385-1RB#14-PASS

### Band4-3MHz-16QAM-20385-15RB#0-PASS



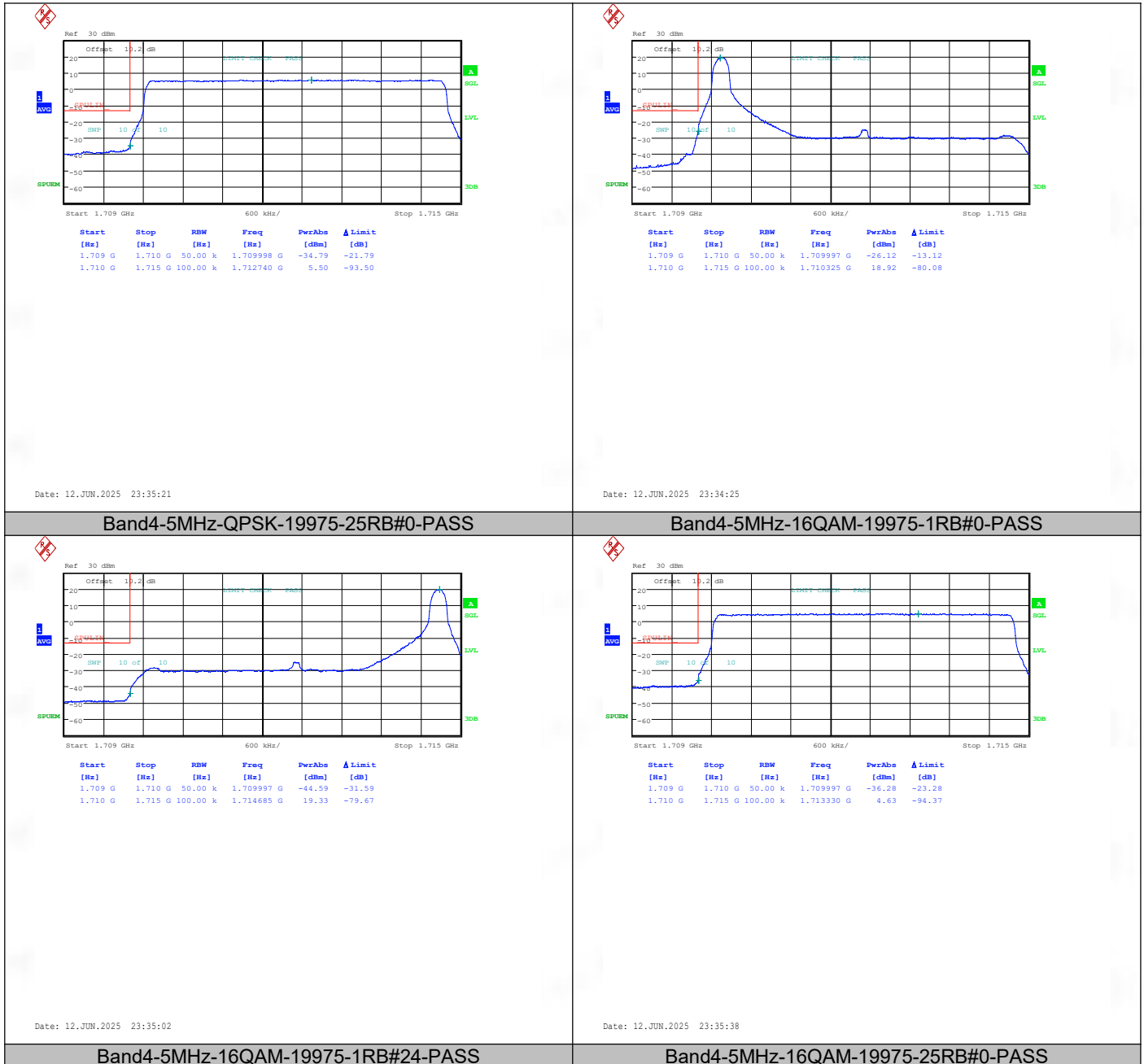
Date: 12.JUN.2025 23:34:08

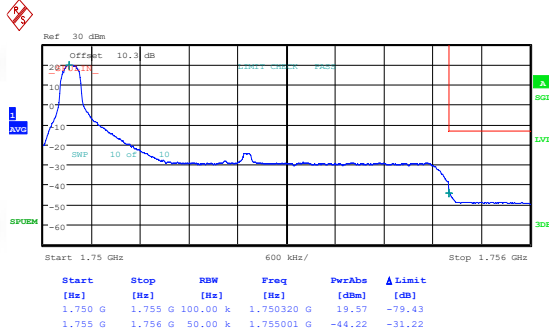


Date: 12.JUN.2025 23:34:45

### Band4-5MHz-QPSK-19975-1RB#0-PASS

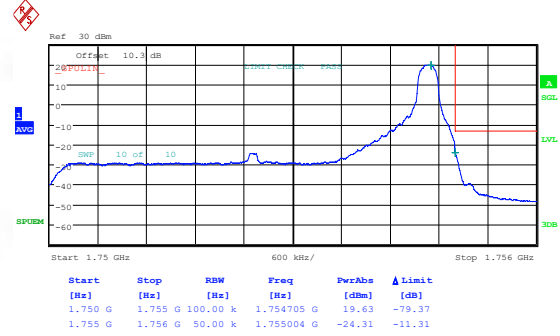
### Band4-5MHz-QPSK-19975-1RB#24-PASS





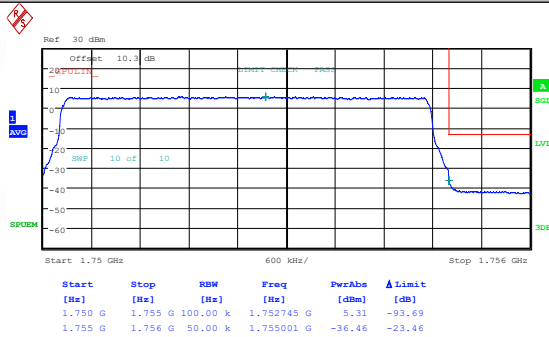
Date: 12.JUN.2025 23:36:02

Band4-5MHz-QPSK-20375-1RB#0-PASS



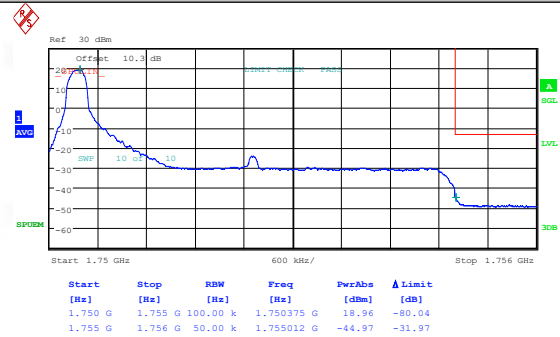
Date: 12.JUN.2025 23:36:38

Band4-5MHz-QPSK-20375-1RB#24-PASS



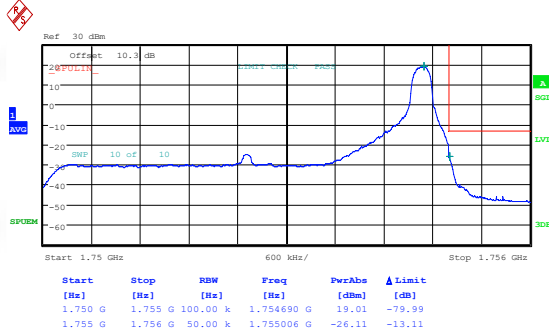
Date: 12.JUN.2025 23:37:14

Band4-5MHz-QPSK-20375-25RB#0-PASS

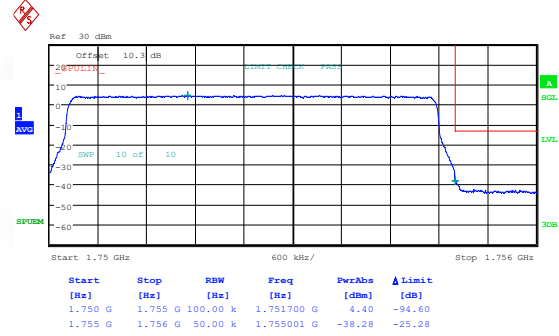


Date: 12.JUN.2025 23:36:19

Band4-5MHz-16QAM-20375-1RB#0-PASS



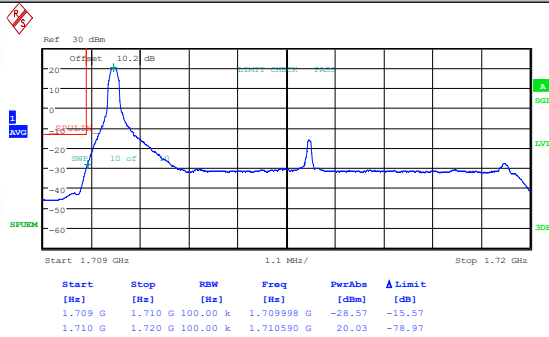
Date: 12.JUN.2025 23:36:55



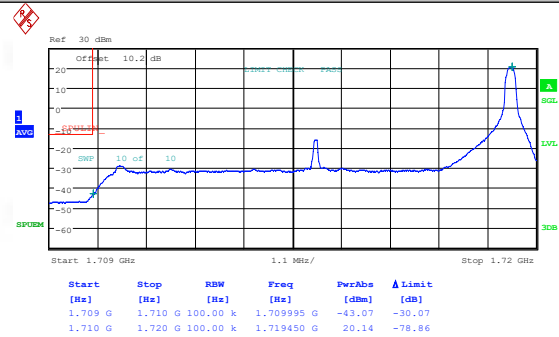
Date: 12.JUN.2025 23:37:31

### Band4-5MHz-16QAM-20375-1RB#24-PASS

### Band4-5MHz-16QAM-20375-25RB#0-PASS



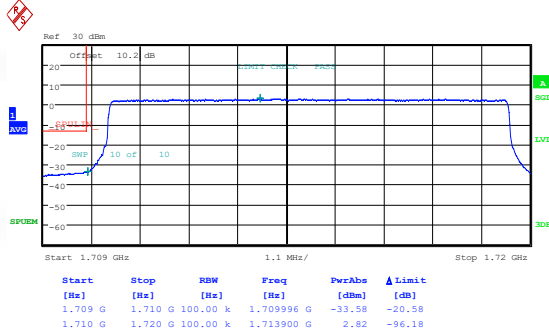
Date: 13.JUN.2025 00:06:16



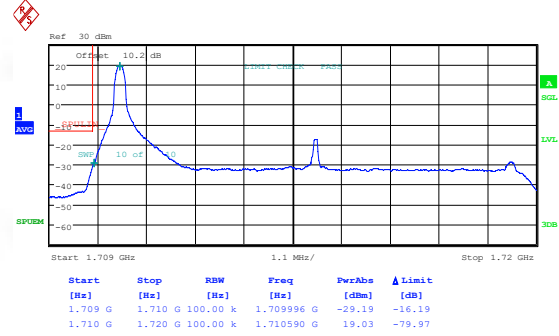
Date: 13.JUN.2025 00:06:53

### Band4-10MHz-QPSK-20000-1RB#0-PASS

### Band4-10MHz-QPSK-20000-1RB#49-PASS



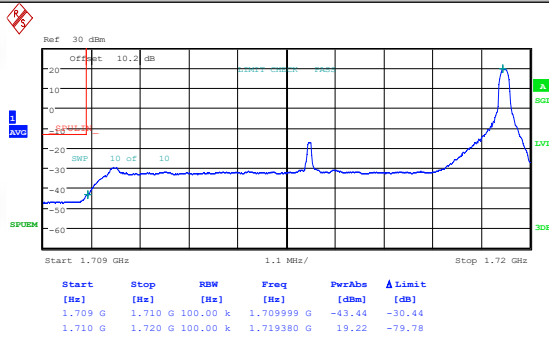
Date: 13.JUN.2025 00:07:31



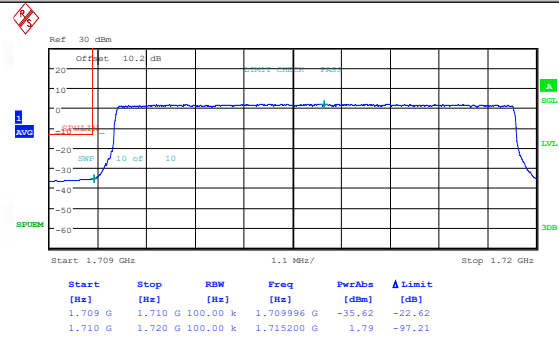
Date: 13.JUN.2025 00:06:34

### Band4-10MHz-QPSK-20000-50RB#0-PASS

### Band4-10MHz-16QAM-20000-1RB#0-PASS



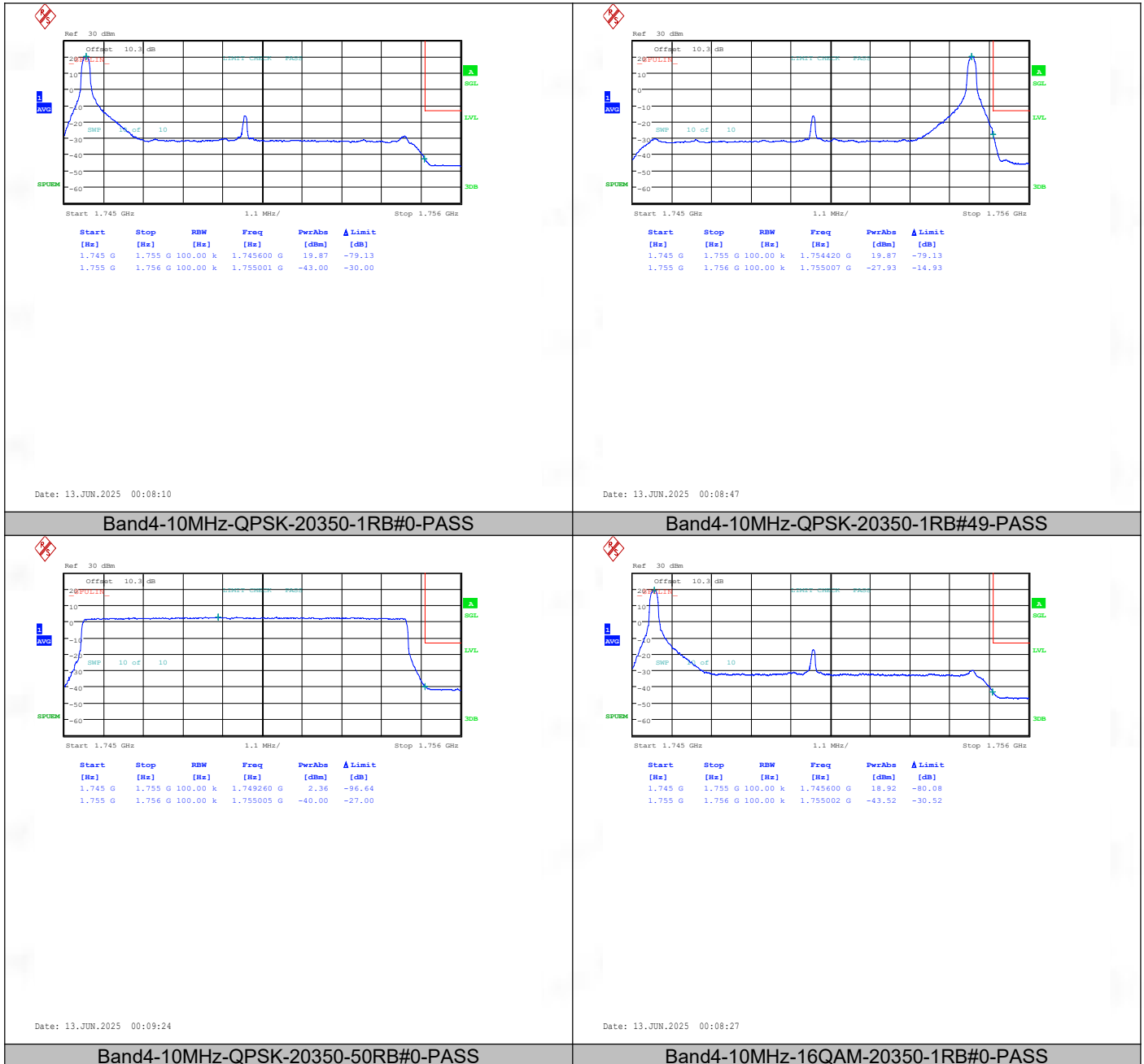
Date: 13.JUN.2025 00:07:11

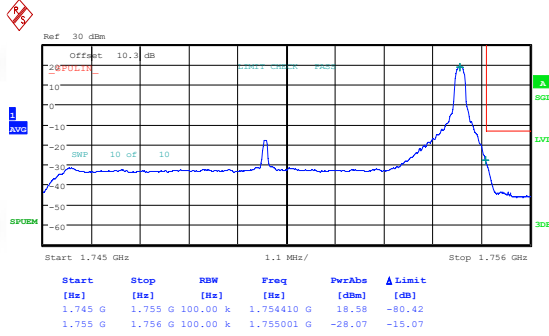


Date: 13.JUN.2025 00:07:48

### Band4-10MHz-16QAM-20000-1RB#49-PASS

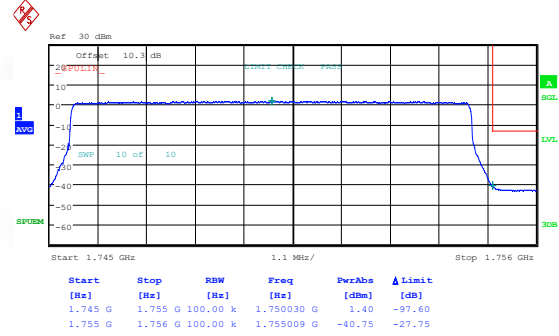
### Band4-10MHz-16QAM-20000-50RB#0-PASS





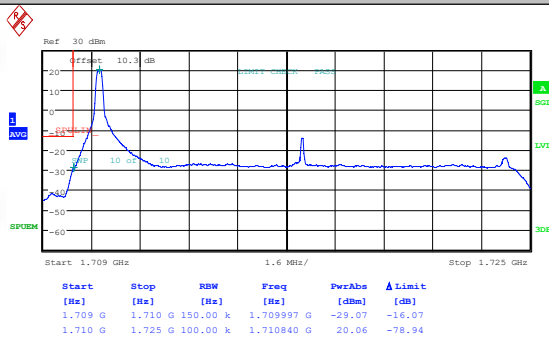
Date: 13.JUN.2025 00:09:05

Band4-10MHz-16QAM-20350-1RB#49-PASS



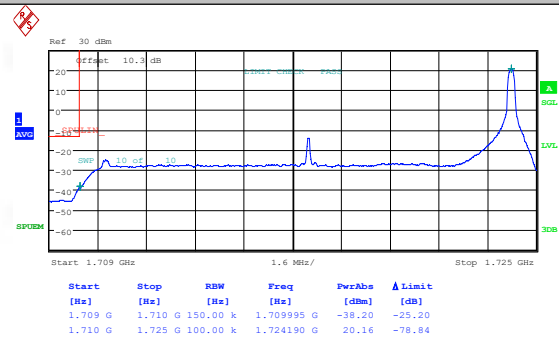
Date: 13.JUN.2025 00:09:42

Band4-10MHz-16QAM-20350-50RB#0-PASS



Date: 13.JUN.2025 00:39:49

Band4-15MHz-QPSK-20025-1RB#0-PASS



Date: 13.JUN.2025 00:40:28

Band4-15MHz-QPSK-20025-1RB#74-PASS



Band4-15MHz-QPSK-20025-75RB#0-PASS



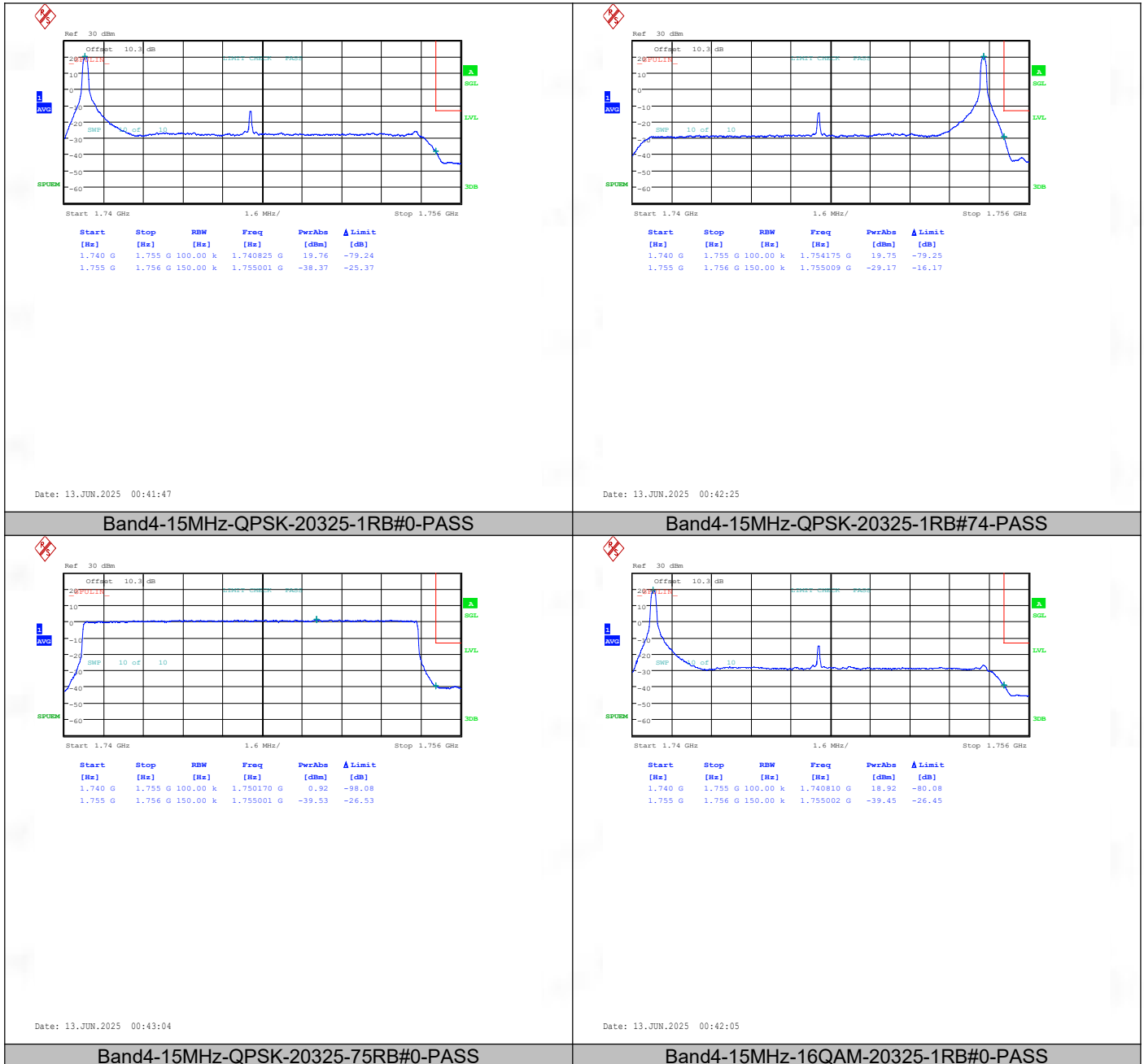
Band4-15MHz-16QAM-20025-1RB#0-PASS

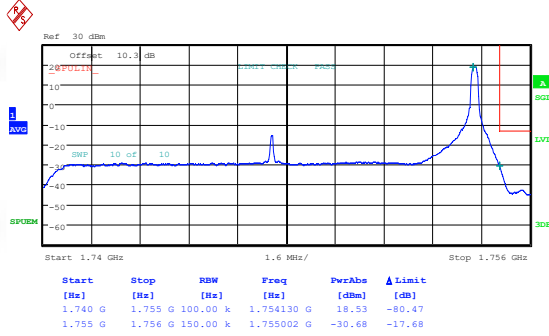


Band4-15MHz-16QAM-20025-1RB#74-PASS

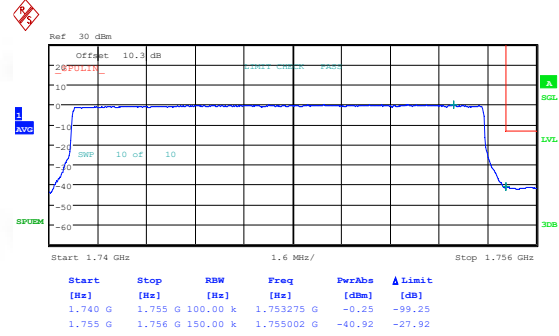


Band4-15MHz-16QAM-20025-75RB#0-PASS





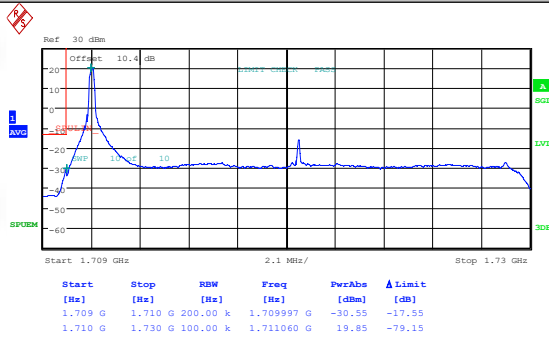
Date: 13.JUN.2025 00:42:44



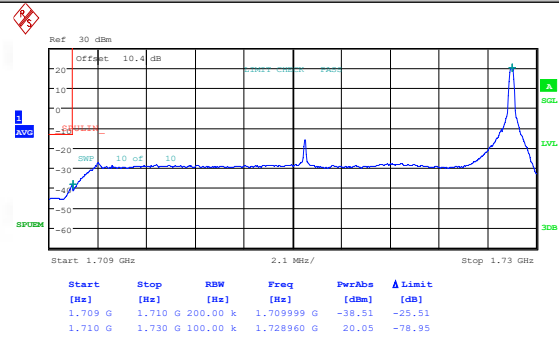
Date: 13.JUN.2025 00:43:23

### Band4-15MHz-16QAM-20325-1RB#74-PASS

### Band4-15MHz-16QAM-20325-75RB#0-PASS



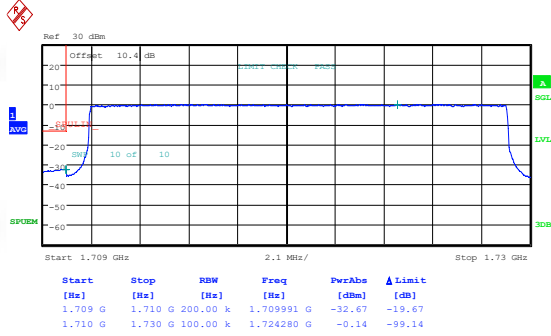
Date: 13.JUN.2025 01:11:17



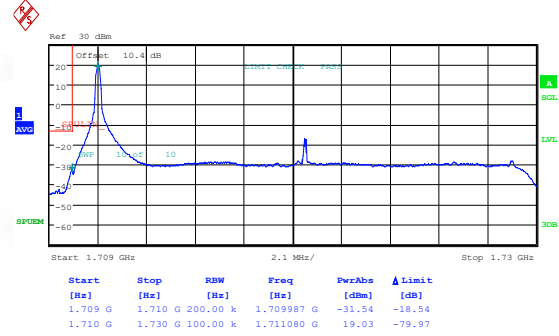
Date: 13.JUN.2025 01:11:55

### Band4-20MHz-QPSK-20050-1RB#0-PASS

### Band4-20MHz-QPSK-20050-1RB#99-PASS



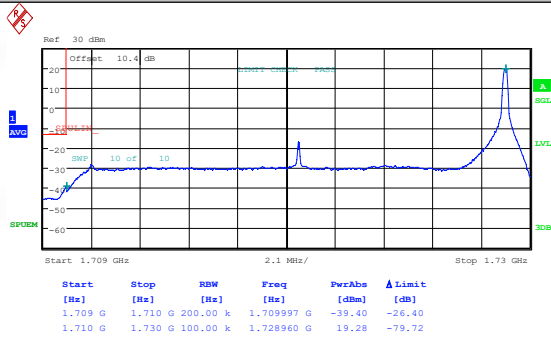
Date: 13.JUN.2025 01:12:35



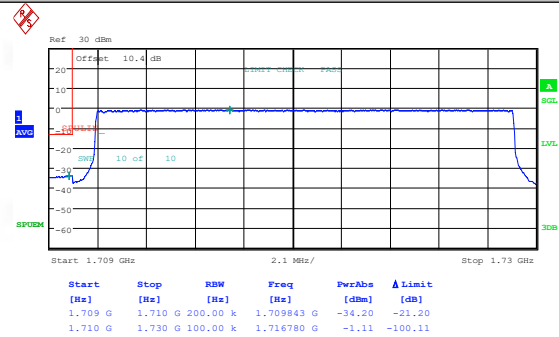
Date: 13.JUN.2025 01:11:36

### Band4-20MHz-QPSK-20050-100RB#0-PASS

### Band4-20MHz-16QAM-20050-1RB#0-PASS



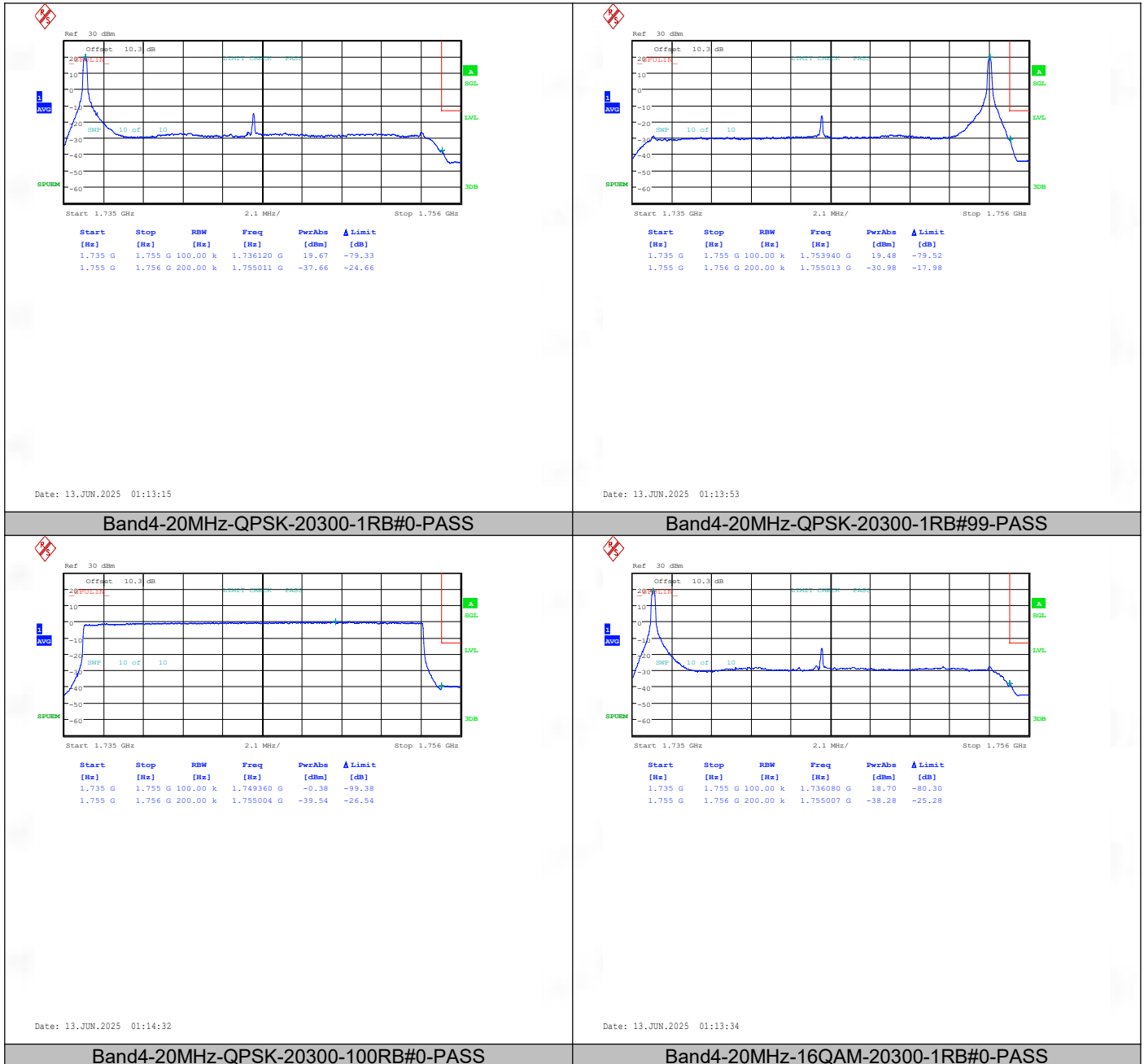
Date: 13.JUN.2025 01:12:15

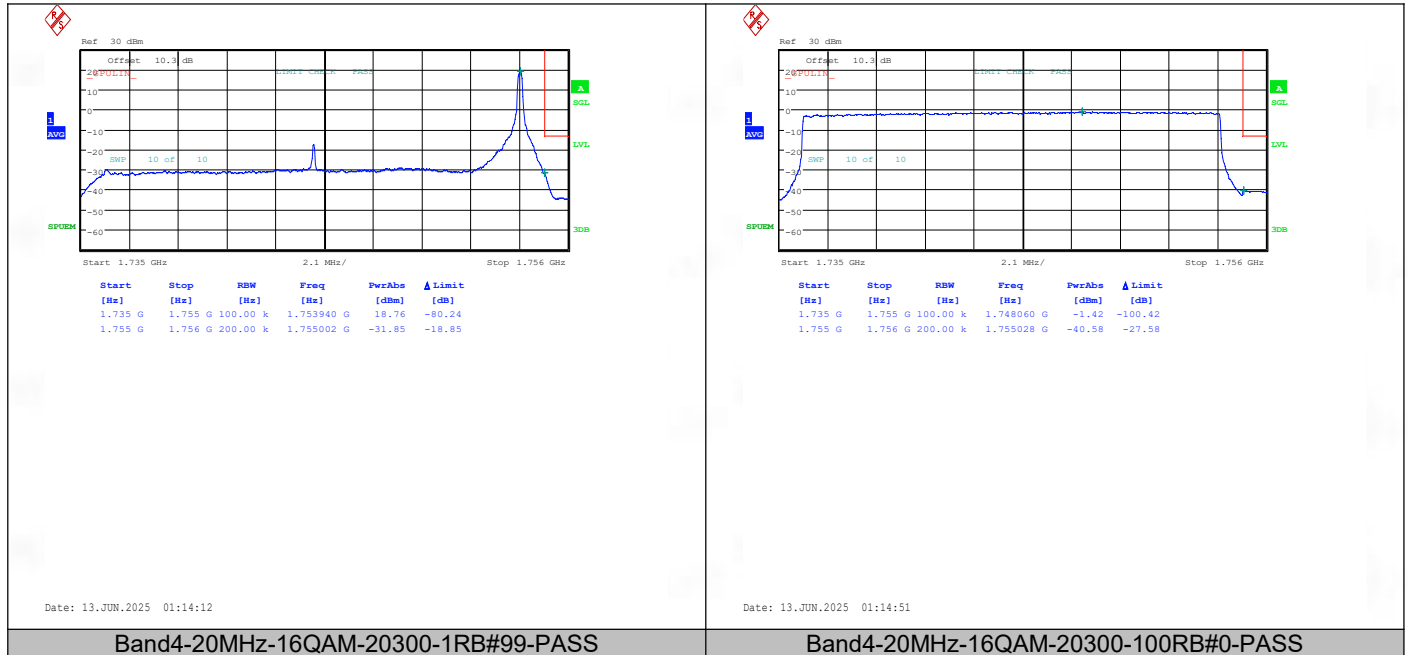


Date: 13.JUN.2025 01:12:54

### Band4-20MHz-16QAM-20050-1RB#99-PASS

### Band4-20MHz-16QAM-20050-100RB#0-PASS





## 1.5 Appendix E: Conducted Spurious Emission

### 1.5.1 Test Result

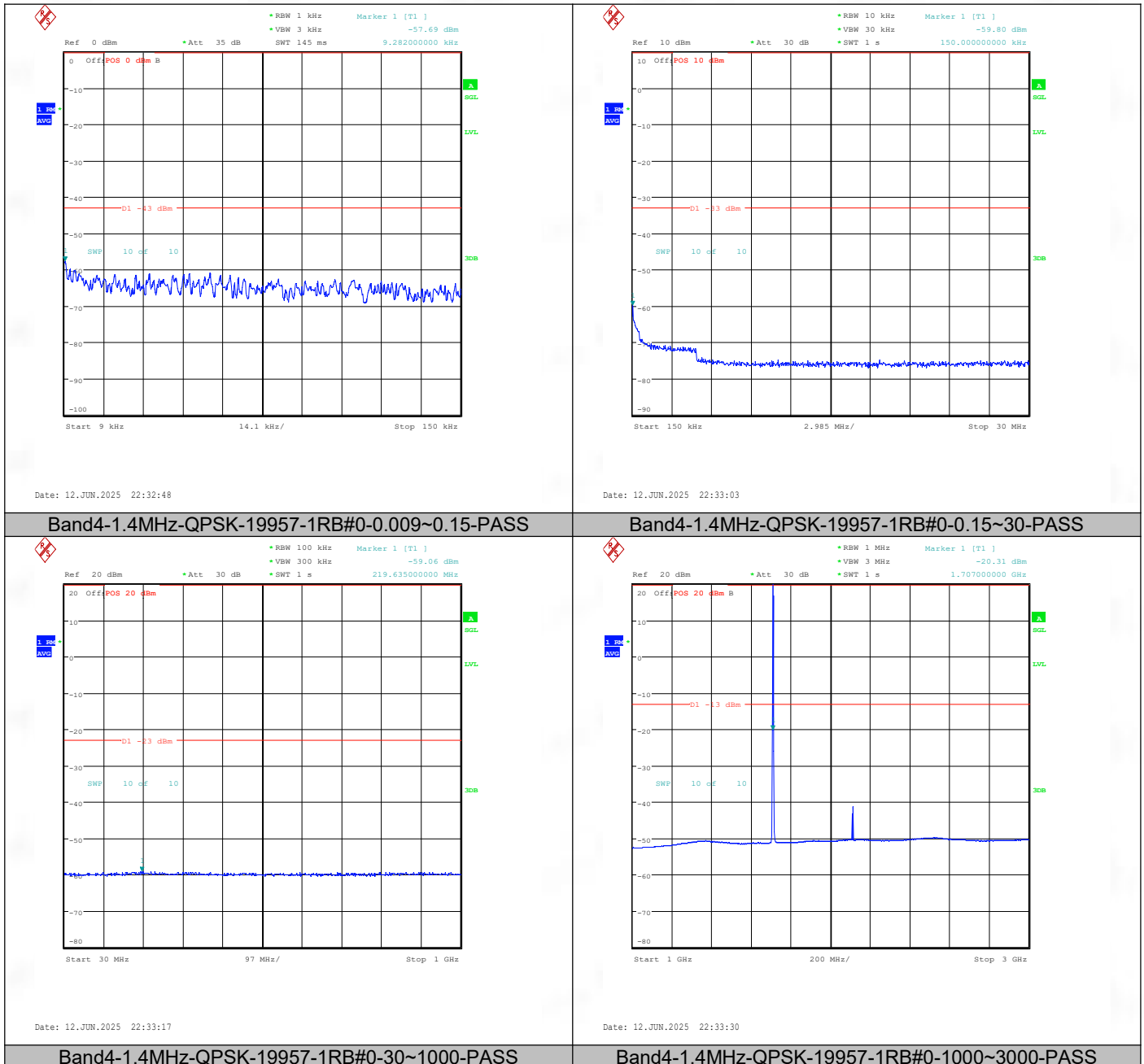
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 0.009~0.15      | -57.69       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 0.15~30         | -59.80       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 30~1000         | -59.06       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 1000~3000       | -20.31       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 3000~20000      | -40.02       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 0.009~0.15      | -59.23       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 0.15~30         | -59.57       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 30~1000         | -59.11       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 1000~3000       | -21.36       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 3000~20000      | -41.06       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 0.009~0.15      | -58.03       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 0.15~30         | -59.52       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 30~1000         | -59.04       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 1000~3000       | -17.32       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 3000~20000      | -40.68       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 0.009~0.15      | -58.17       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 0.15~30         | -59.84       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 30~1000         | -58.97       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 1000~3000       | -18.65       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 3000~20000      | -41.08       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 0.009~0.15      | -57.85       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 0.15~30         | -60.17       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 30~1000         | -59.04       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 1000~3000       | -29.70       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 3000~20000      | -40.43       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 0.009~0.15      | -58.73       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 0.15~30         | -60.33       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 30~1000         | -59.14       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 1000~3000       | -30.73       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 3000~20000      | -41.23       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 0.009~0.15      | -58.66       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 0.15~30         | -60.03       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 30~1000         | -59.09       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 1000~3000       | -44.92       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 3000~20000      | -40.45       | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 0.009~0.15      | -58.31       | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 0.15~30         | -59.70       | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 30~1000         | -59.16       | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 1000~3000       | -45.53       | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 3000~20000      | -40.94       | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 0.009~0.15      | -58.30       | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 0.15~30         | -59.29       | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 30~1000         | -59.15       | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 1000~3000       | -44.14       | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 3000~20000      | -40.72       | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 0.009~0.15      | -59.04       | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 0.15~30         | -59.71       | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 30~1000         | -59.03       | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 1000~3000       | -44.50       | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 3000~20000      | -41.51       | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | 0.009~0.15      | -59.35       | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | 0.15~30         | -60.23       | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | 30~1000         | -58.99       | PASS    |

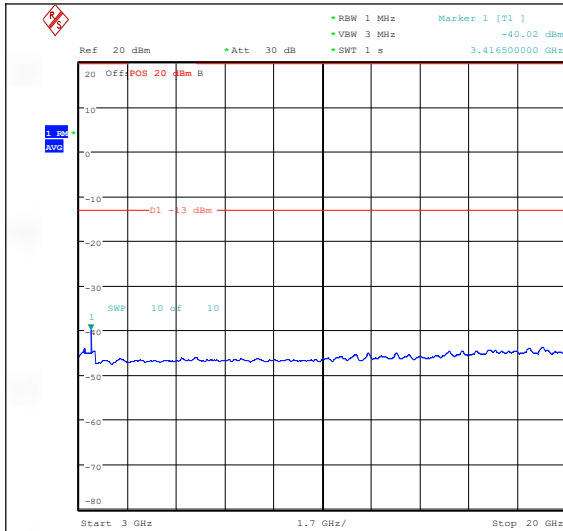
|       |       |       |       |       |            |        |      |
|-------|-------|-------|-------|-------|------------|--------|------|
| Band4 | 3MHz  | QPSK  | 20385 | 1RB#0 | 1000~3000  | -44.99 | PASS |
| Band4 | 3MHz  | QPSK  | 20385 | 1RB#0 | 3000~20000 | -40.77 | PASS |
| Band4 | 3MHz  | 16QAM | 20385 | 1RB#0 | 0.009~0.15 | -59.32 | PASS |
| Band4 | 3MHz  | 16QAM | 20385 | 1RB#0 | 0.15~30    | -59.79 | PASS |
| Band4 | 3MHz  | 16QAM | 20385 | 1RB#0 | 30~1000    | -59.10 | PASS |
| Band4 | 3MHz  | 16QAM | 20385 | 1RB#0 | 1000~3000  | -45.21 | PASS |
| Band4 | 3MHz  | 16QAM | 20385 | 1RB#0 | 3000~20000 | -41.58 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 1RB#0 | 0.009~0.15 | -59.26 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 1RB#0 | 0.15~30    | -59.75 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 1RB#0 | 30~1000    | -59.14 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 1RB#0 | 1000~3000  | -48.35 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 1RB#0 | 3000~20000 | -39.80 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#0 | 0.009~0.15 | -59.45 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#0 | 0.15~30    | -60.14 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#0 | 30~1000    | -58.97 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#0 | 1000~3000  | -48.03 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#0 | 3000~20000 | -40.66 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 1RB#0 | 0.009~0.15 | -58.73 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 1RB#0 | 0.15~30    | -59.32 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 1RB#0 | 30~1000    | -59.00 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 1RB#0 | 1000~3000  | -47.18 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 1RB#0 | 3000~20000 | -40.20 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0 | 0.009~0.15 | -57.59 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0 | 0.15~30    | -60.07 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0 | 30~1000    | -59.17 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0 | 1000~3000  | -47.53 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0 | 3000~20000 | -41.26 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0 | 0.009~0.15 | -57.94 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0 | 0.15~30    | -59.95 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0 | 30~1000    | -59.12 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0 | 1000~3000  | -46.85 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0 | 3000~20000 | -41.35 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0 | 0.009~0.15 | -58.33 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0 | 0.15~30    | -60.13 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0 | 30~1000    | -58.98 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0 | 1000~3000  | -47.41 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0 | 3000~20000 | -42.17 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0 | 0.009~0.15 | -58.91 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0 | 0.15~30    | -59.09 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0 | 30~1000    | -59.12 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0 | 1000~3000  | -48.50 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0 | 3000~20000 | -39.53 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 0.009~0.15 | -57.35 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 0.15~30    | -59.74 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 30~1000    | -59.04 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 1000~3000  | -47.91 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 3000~20000 | -40.39 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0 | 0.009~0.15 | -58.97 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0 | 0.15~30    | -59.78 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0 | 30~1000    | -59.13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0 | 1000~3000  | -48.28 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0 | 3000~20000 | -40.24 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 0.009~0.15 | -57.79 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 0.15~30    | -60.15 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 30~1000    | -59.10 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 1000~3000  | -47.96 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 3000~20000 | -40.95 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0 | 0.009~0.15 | -59.01 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0 | 0.15~30    | -58.98 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0 | 30~1000    | -59.08 | PASS |

|       |       |       |       |       |            |        |      |
|-------|-------|-------|-------|-------|------------|--------|------|
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0 | 1000~3000  | -48.05 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0 | 3000~20000 | -40.60 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 0.009~0.15 | -57.91 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 0.15~30    | -60.11 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 30~1000    | -59.06 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 1000~3000  | -48.09 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 3000~20000 | -41.47 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | 0.009~0.15 | -57.71 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | 0.15~30    | -59.61 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | 30~1000    | -59.10 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | 1000~3000  | -47.23 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | 3000~20000 | -39.79 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 0.009~0.15 | -59.10 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 0.15~30    | -59.54 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 30~1000    | -59.04 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 1000~3000  | -47.83 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 3000~20000 | -40.56 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | 0.009~0.15 | -57.85 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | 0.15~30    | -60.36 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | 30~1000    | -59.12 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | 1000~3000  | -46.37 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | 3000~20000 | -39.97 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 0.009~0.15 | -59.28 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 0.15~30    | -59.80 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 30~1000    | -59.12 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 1000~3000  | -47.19 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 3000~20000 | -40.90 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | 0.009~0.15 | -59.08 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | 0.15~30    | -59.75 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | 30~1000    | -59.06 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | 1000~3000  | -47.50 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | 3000~20000 | -40.79 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 0.009~0.15 | -57.03 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 0.15~30    | -59.42 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 30~1000    | -59.05 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 1000~3000  | -48.19 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 3000~20000 | -41.40 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | 0.009~0.15 | -58.10 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | 0.15~30    | -59.54 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | 30~1000    | -59.11 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | 1000~3000  | -44.77 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | 3000~20000 | -39.69 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 0.009~0.15 | -58.28 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 0.15~30    | -59.62 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 30~1000    | -59.12 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 1000~3000  | -45.99 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 3000~20000 | -40.58 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | 0.009~0.15 | -58.37 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | 0.15~30    | -59.40 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | 30~1000    | -59.07 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | 1000~3000  | -44.77 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | 3000~20000 | -39.53 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 0.009~0.15 | -58.45 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 0.15~30    | -59.37 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 30~1000    | -59.07 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 1000~3000  | -46.21 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 3000~20000 | -40.78 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | 0.009~0.15 | -58.88 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | 0.15~30    | -59.62 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | 30~1000    | -59.06 | PASS |

|       |       |       |       |       |            |        |      |
|-------|-------|-------|-------|-------|------------|--------|------|
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | 1000~3000  | -48.75 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | 3000~20000 | -40.63 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 0.009~0.15 | -59.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 0.15~30    | -59.50 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 30~1000    | -59.06 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 1000~3000  | -48.64 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 3000~20000 | -41.31 | PASS |

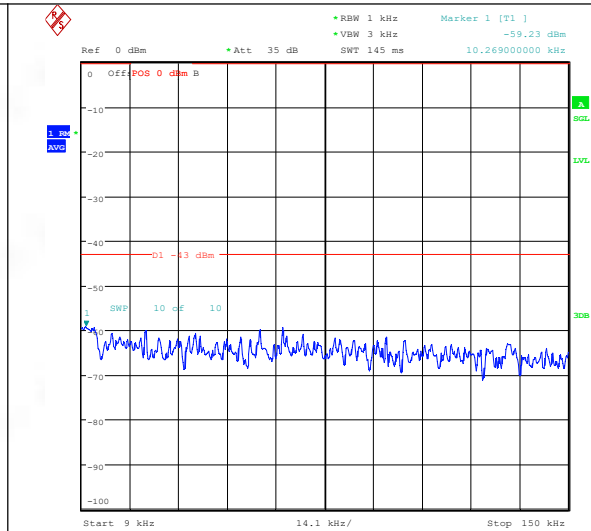
## 1.5.2 Test Graphs





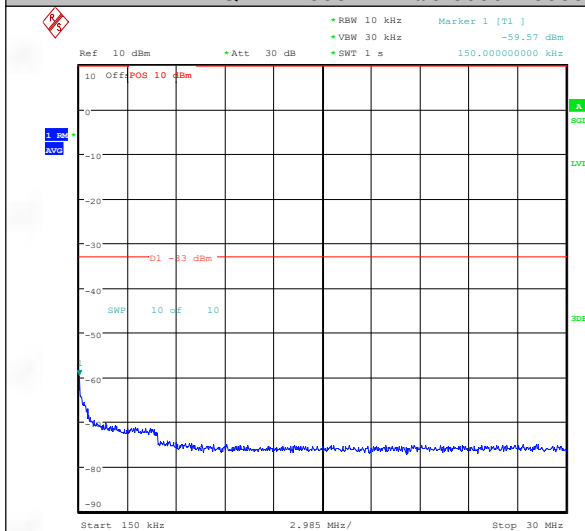
Date: 12.JUN.2025 22:33:46

### Band4-1.4MHz-QPSK-19957-1RB#0-3000~20000-PASS



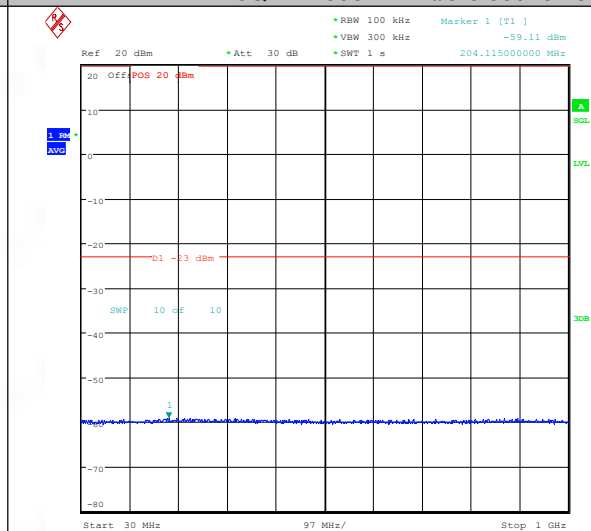
Date: 12.JUN.2025 22:33:57

### Band4-1.4MHz-16QAM-19957-1RB#0-0.009~0.15-PASS



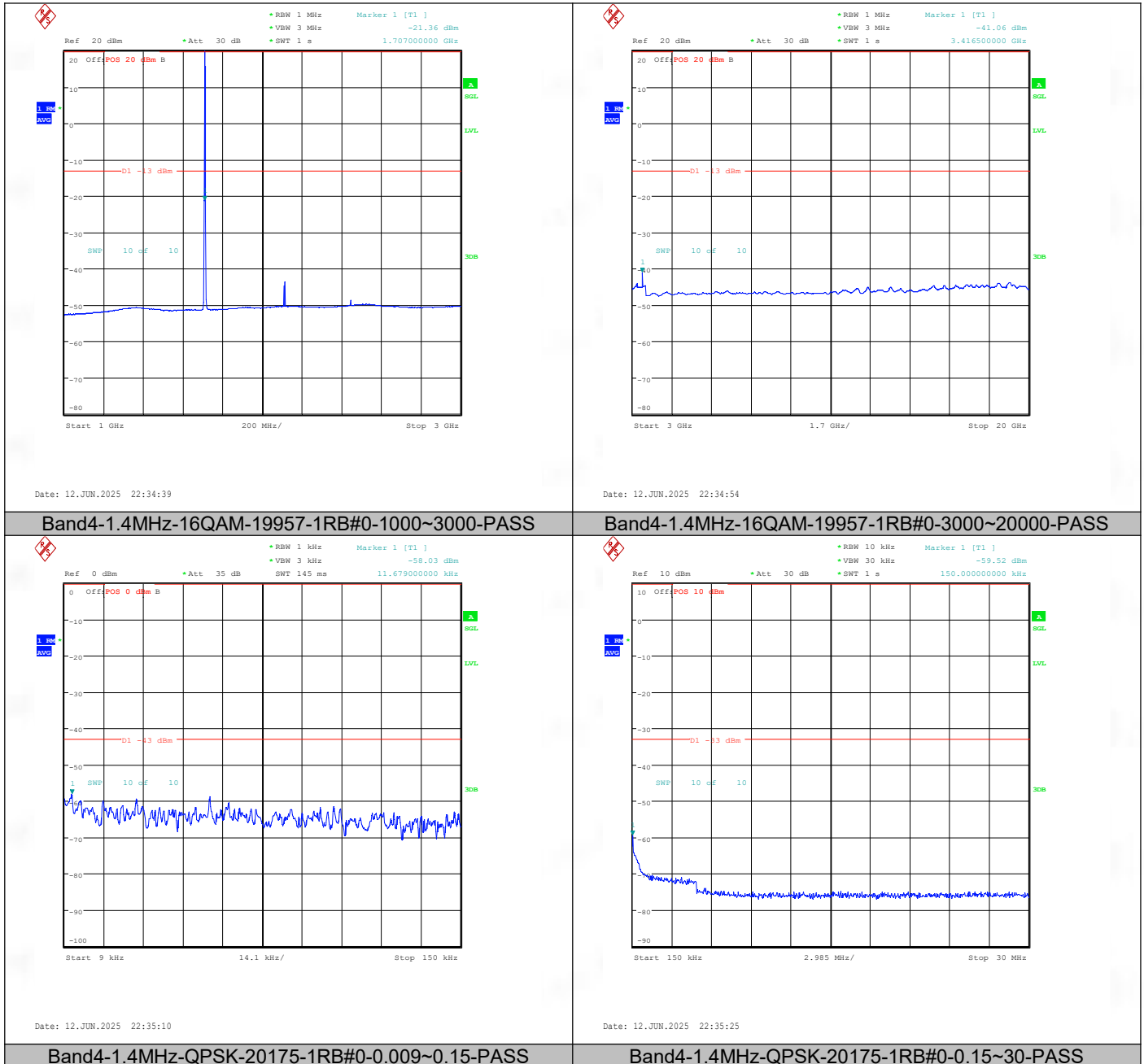
Date: 12.JUN.2025 22:34:12

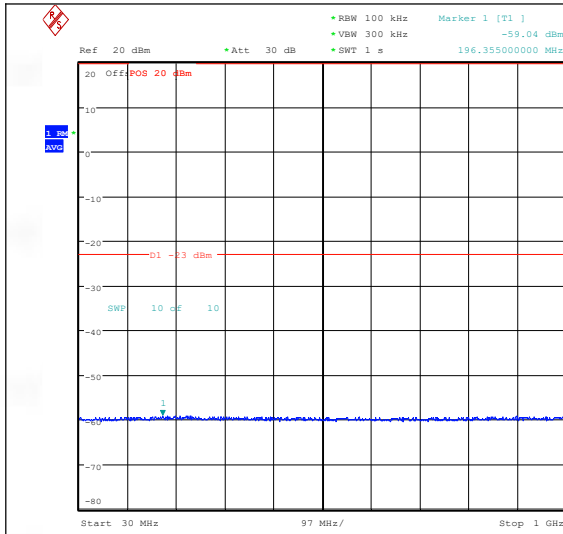
### Band4-1.4MHz-16QAM-19957-1RB#0-0.15~30-PASS



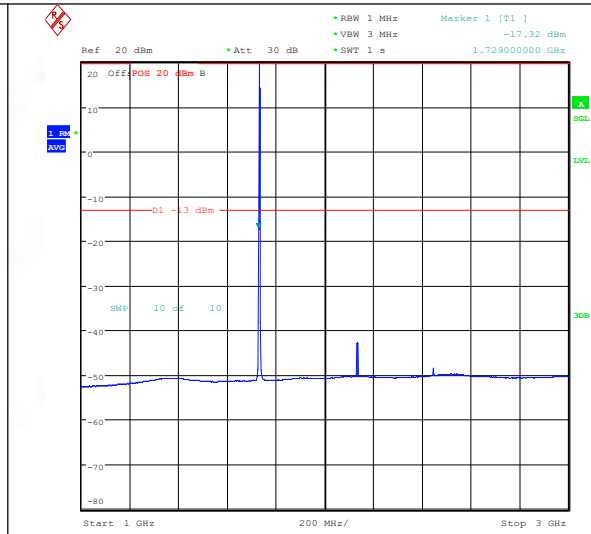
Date: 12.JUN.2025 22:34:26

### Band4-1.4MHz-16QAM-19957-1RB#0-30~1000-PASS



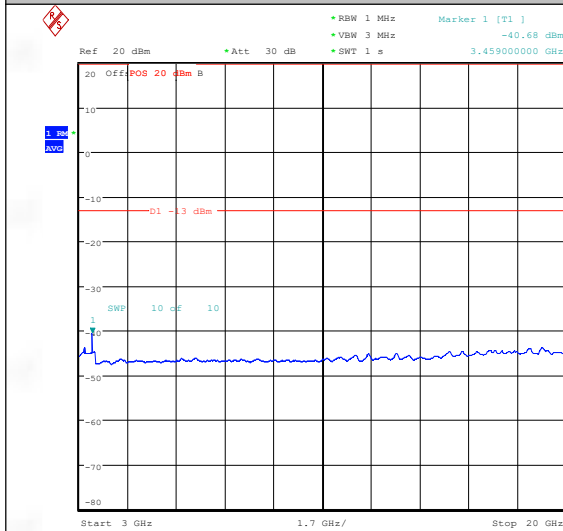


Date: 12.JUN.2025 22:35:39



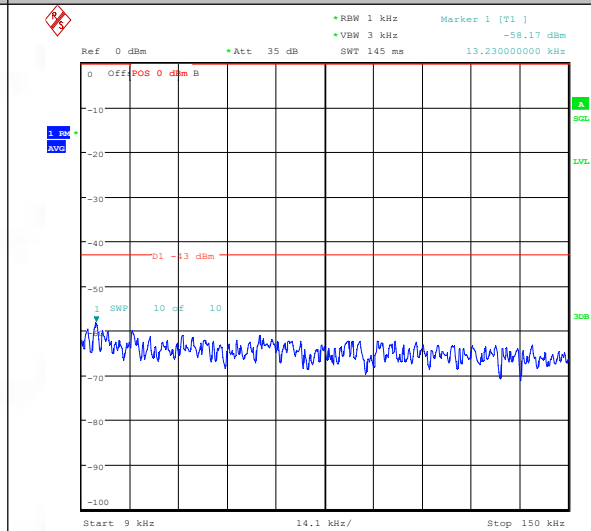
Date: 12.JUN.2025 22:35:52

### Band4-1.4MHz-QPSK-20175-1RB#0-30~1000-PASS



Date: 12.JUN.2025 22:36:07

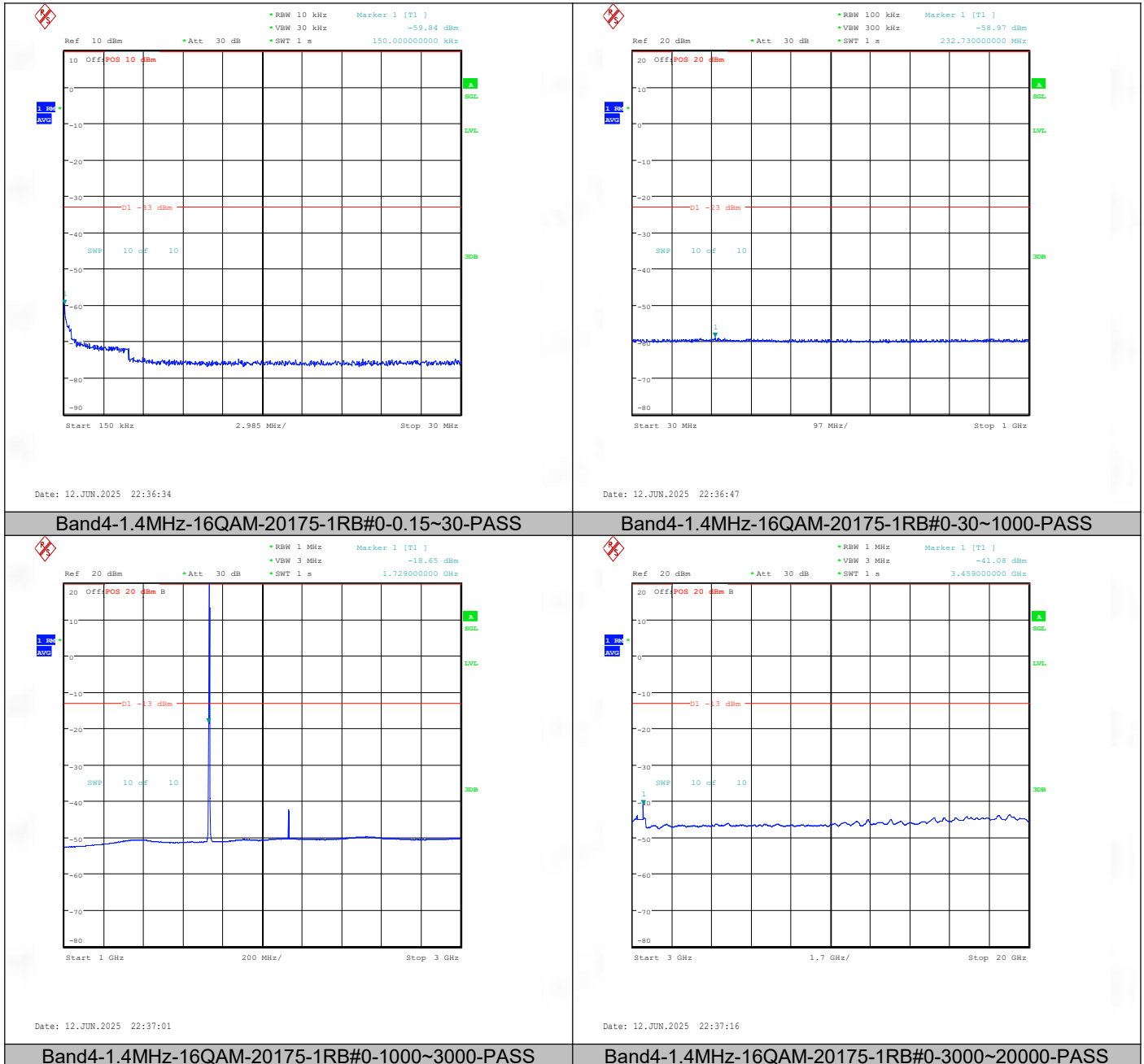
### Band4-1.4MHz-QPSK-20175-1RB#0-1000~3000-PASS

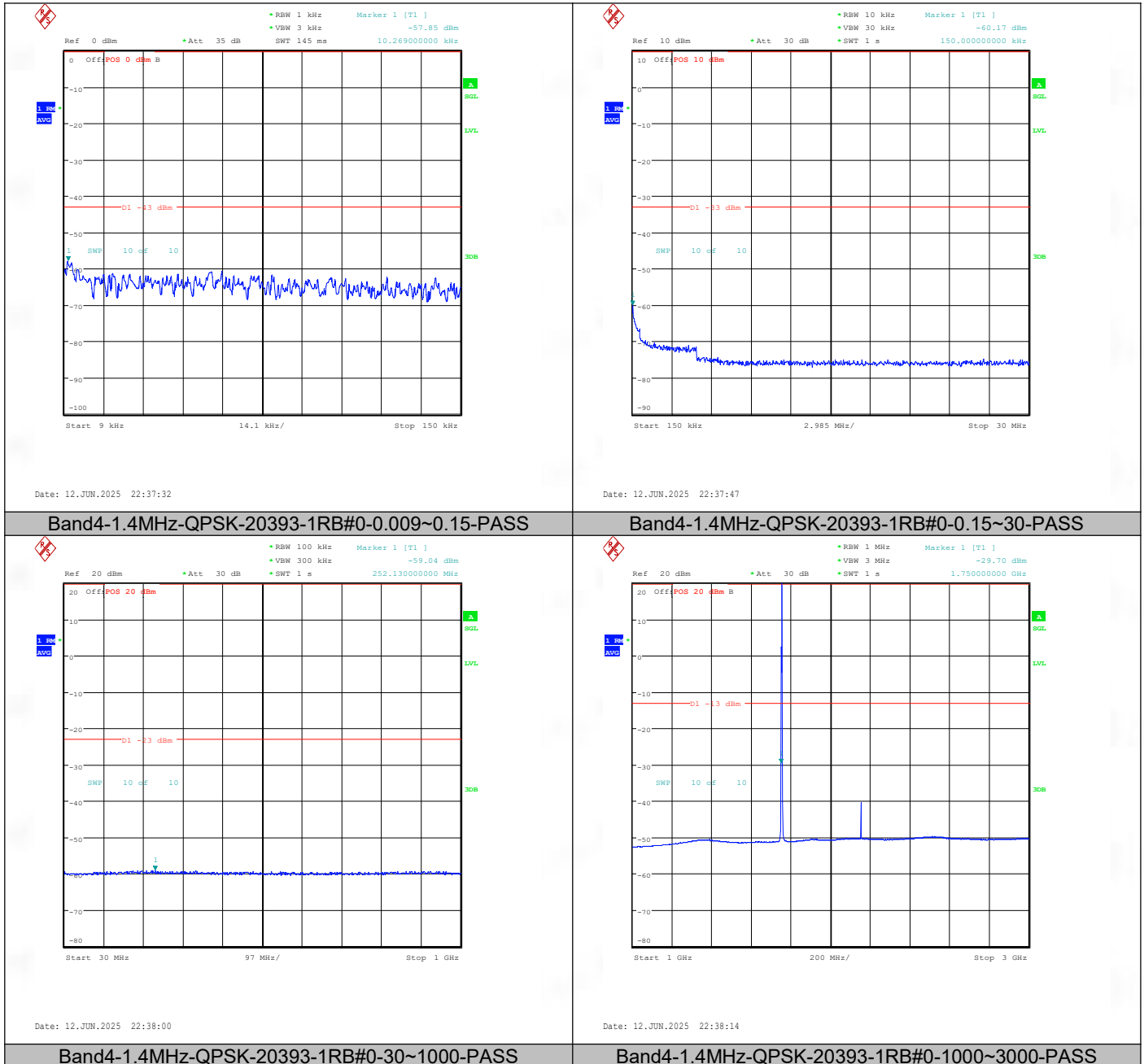


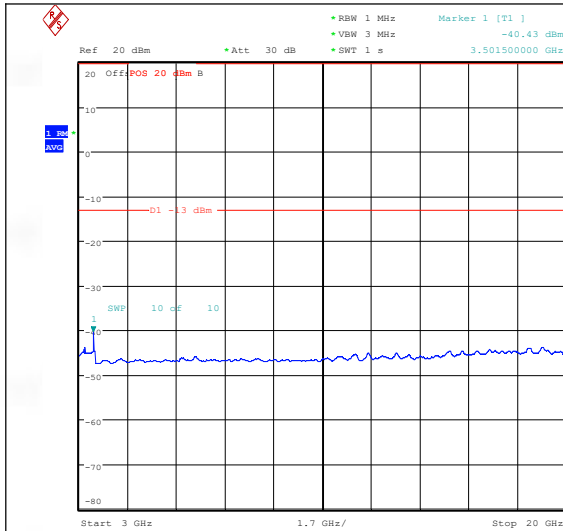
Date: 12.JUN.2025 22:36:19

### Band4-1.4MHz-QPSK-20175-1RB#0-3000~20000-PASS

### Band4-1.4MHz-16QAM-20175-1RB#0-0.009~0.15-PASS

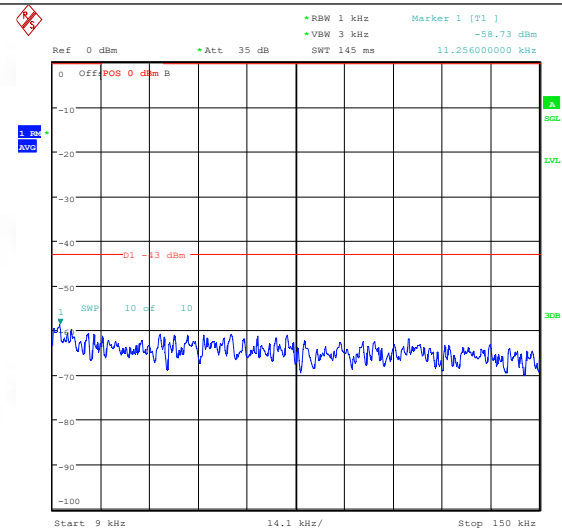






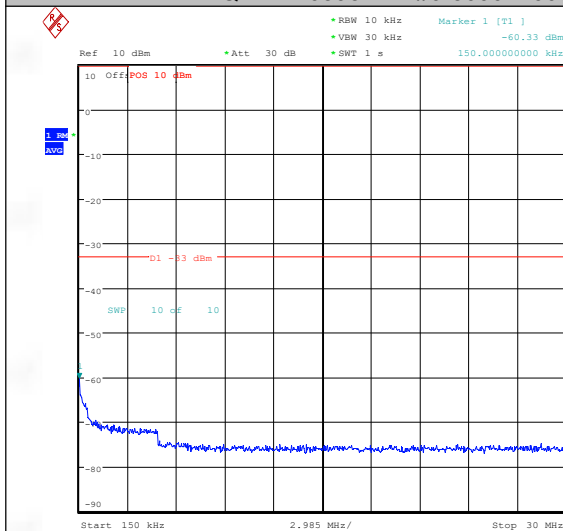
Date: 12.JUN.2025 22:38:29

### Band4-1.4MHz-QPSK-20393-1RB#0-3000~20000-PASS



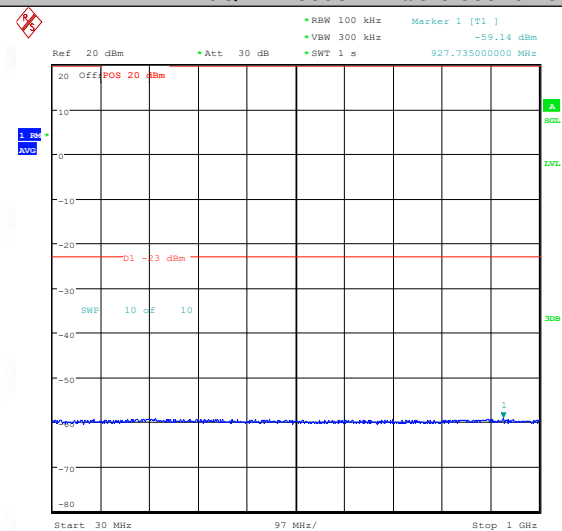
Date: 12.JUN.2025 22:38:40

### Band4-1.4MHz-16QAM-20393-1RB#0-0.009~0.15-PASS



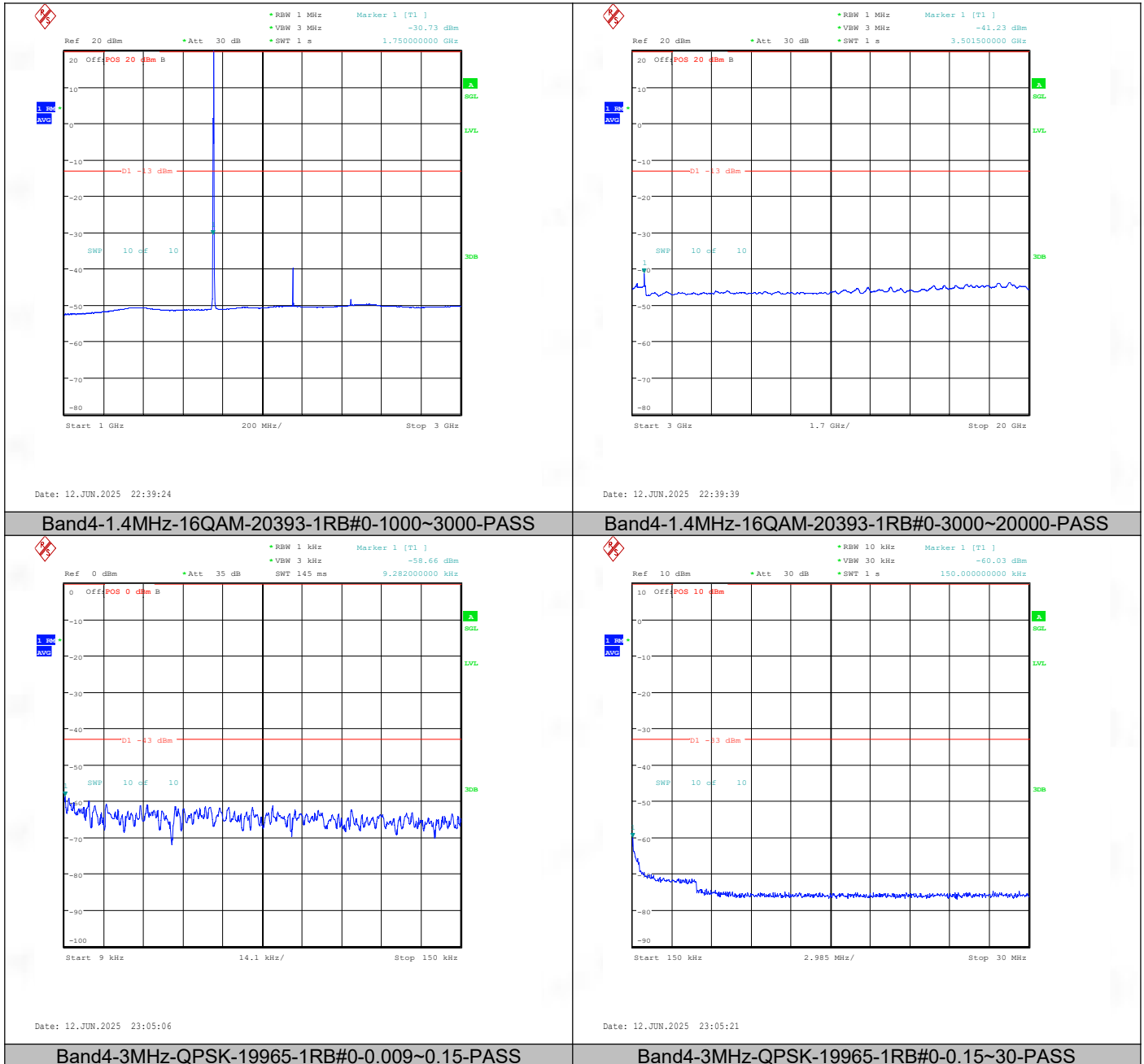
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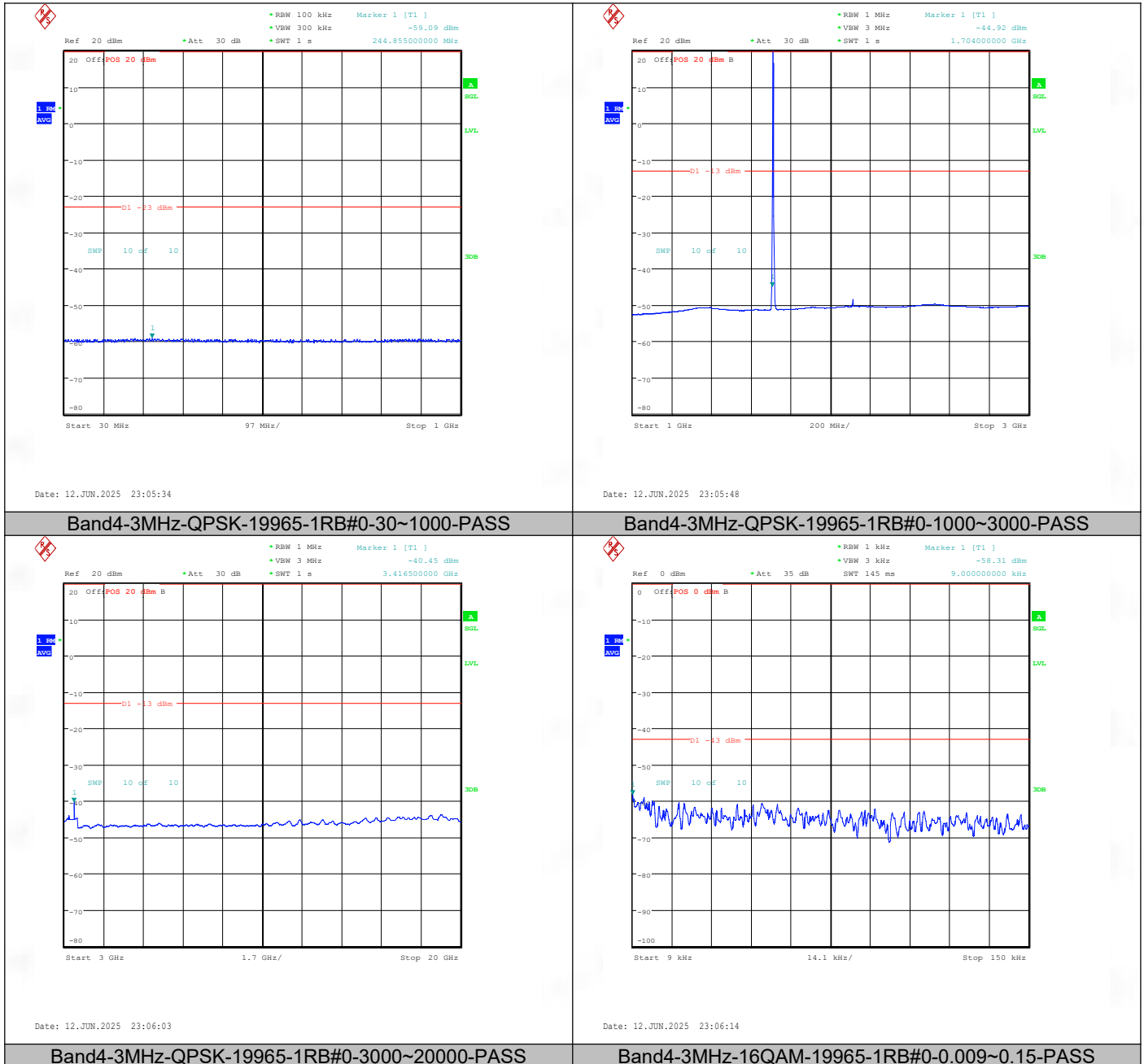
### Band4-1.4MHz-16QAM-20393-1RB#0-0.15~30-PASS

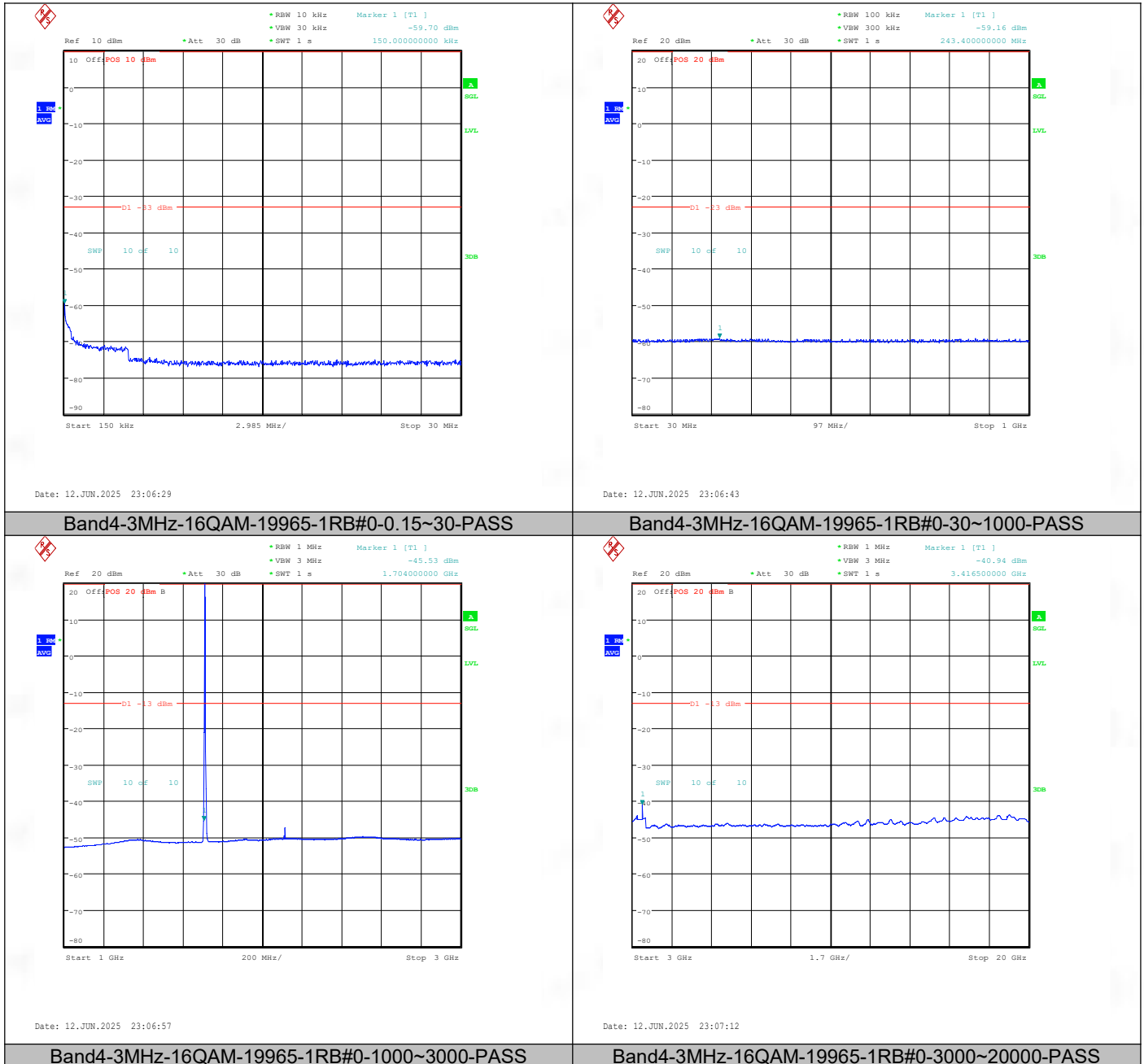


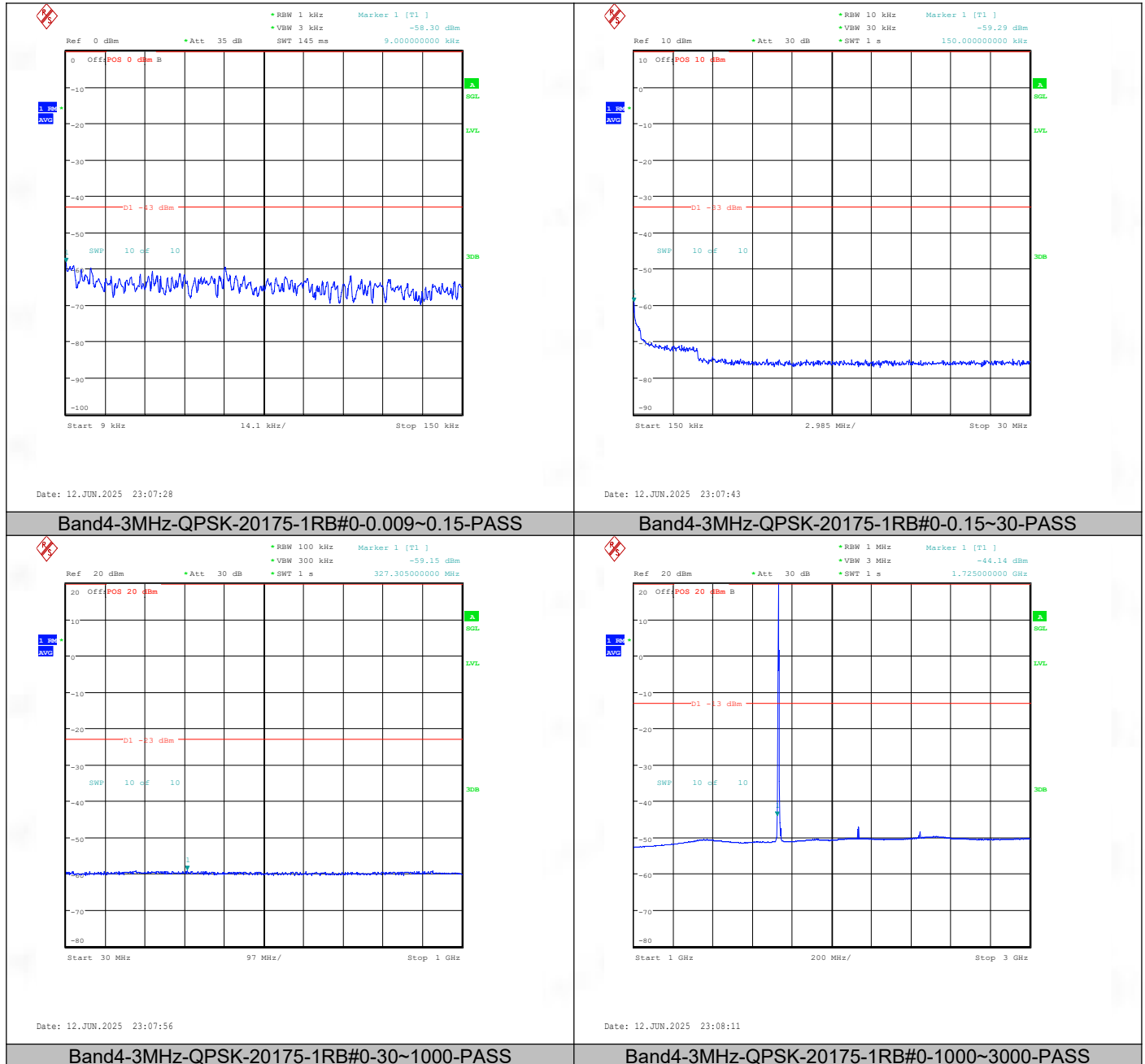
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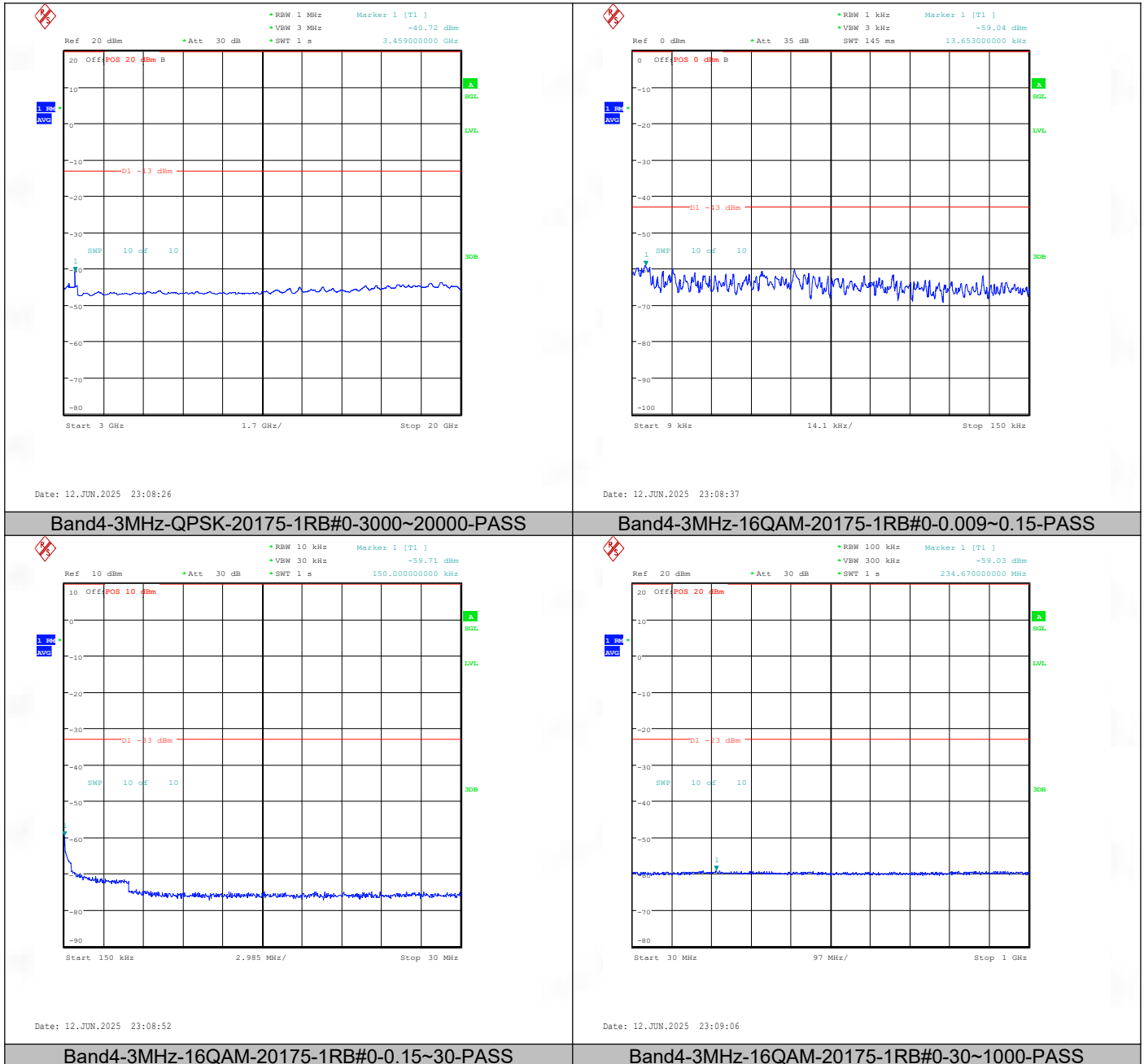
### Band4-1.4MHz-16QAM-20393-1RB#0-30~1000-PASS

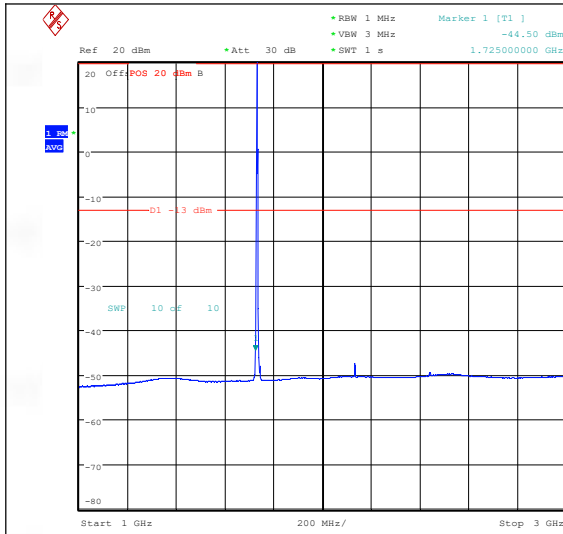






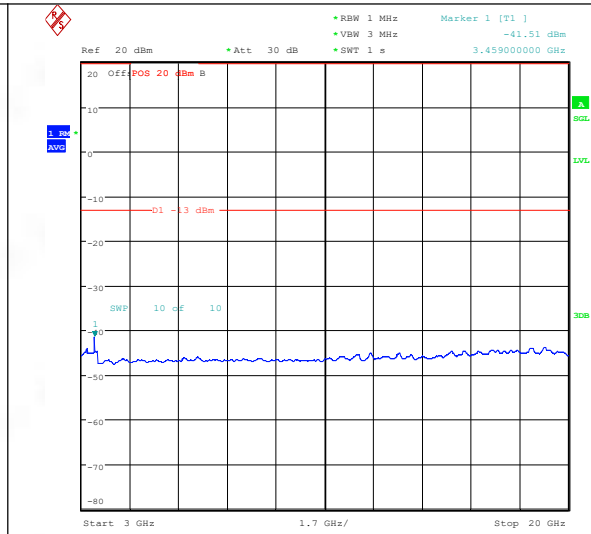






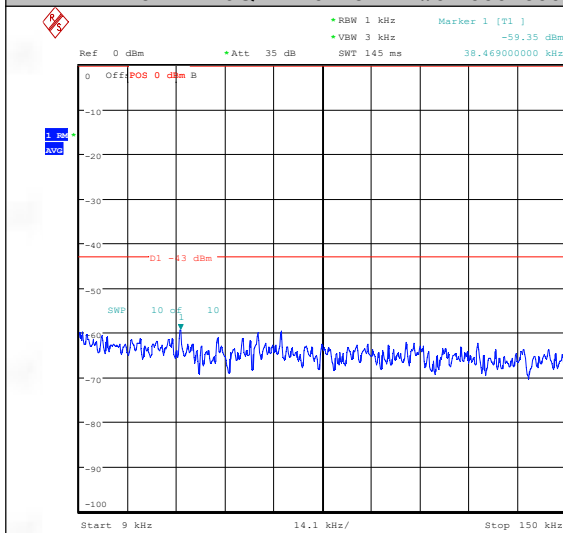
Date: 12.JUN.2025 23:09:19

Band4-3MHz-16QAM-20175-1RB#0-1000~3000-PASS



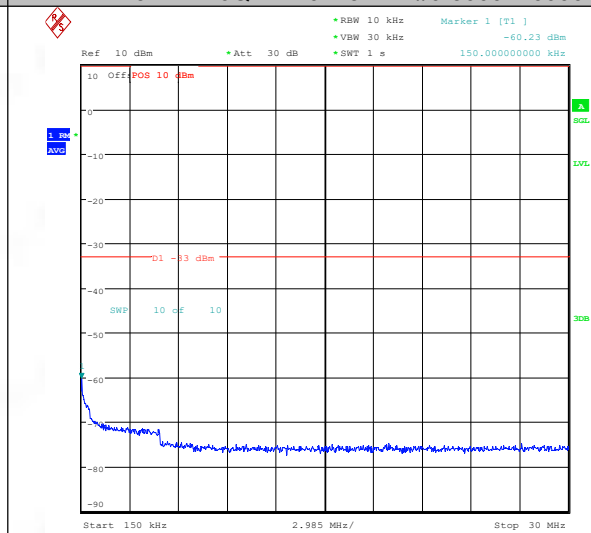
Date: 12.JUN.2025 23:09:35

Band4-3MHz-16QAM-20175-1RB#0-3000~20000-PASS



Date: 12.JUN.2025 23:09:50

Band4-3MHz-QPSK-20385-1RB#0-0.009~0.15-PASS



Date: 12.JUN.2025 23:10:05

Band4-3MHz-QPSK-20385-1RB#0-0.15~30-PASS

