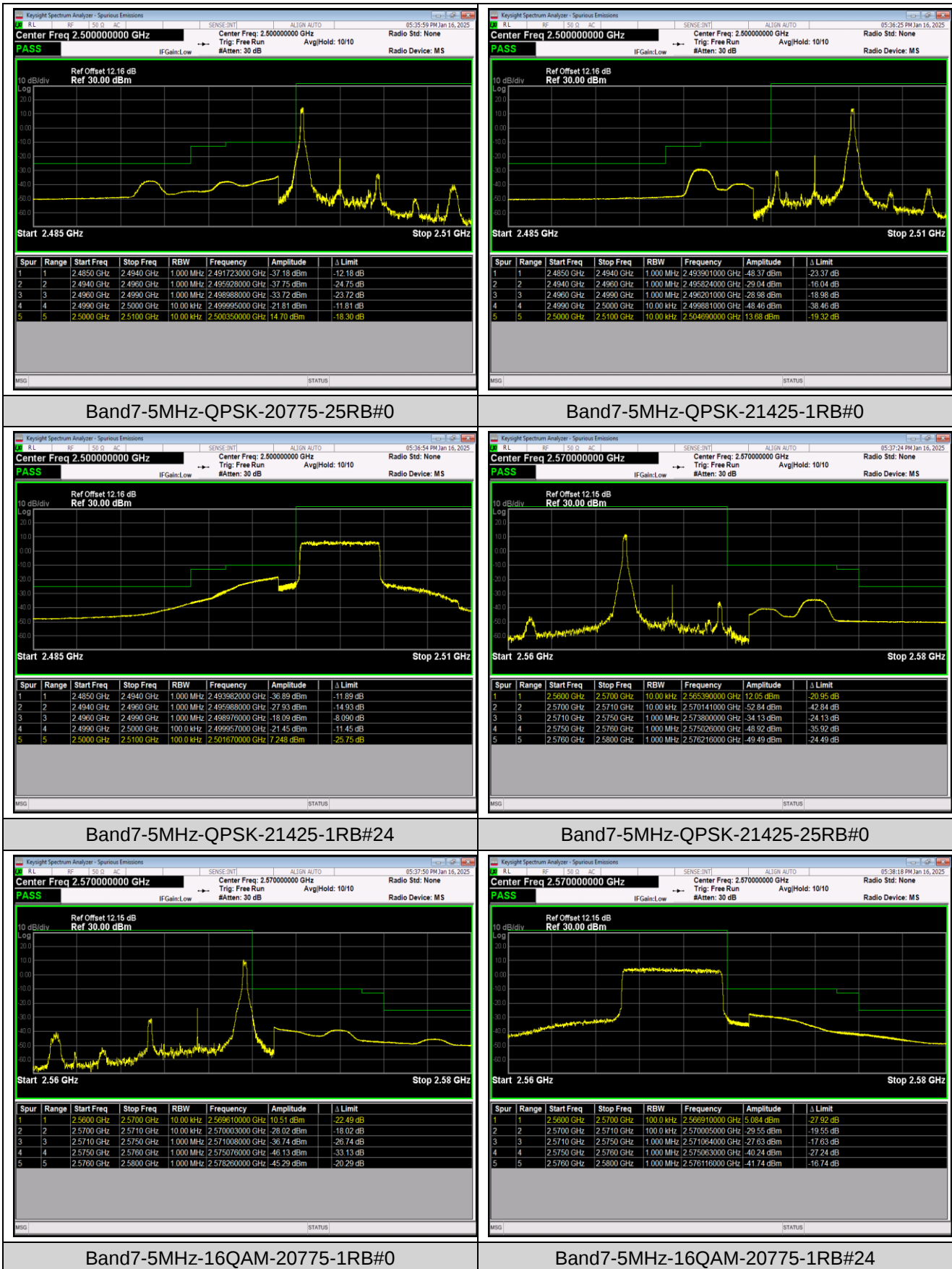
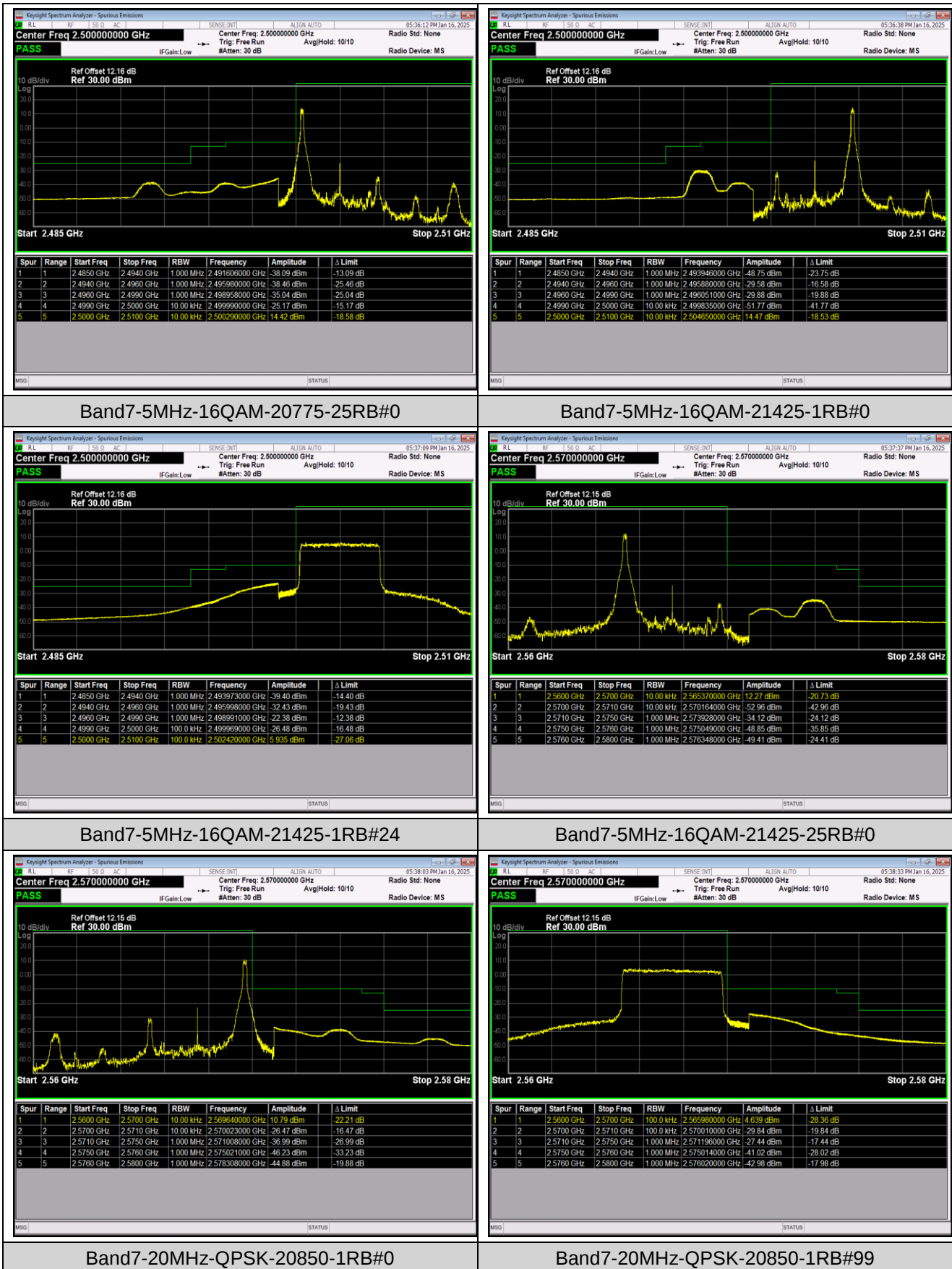
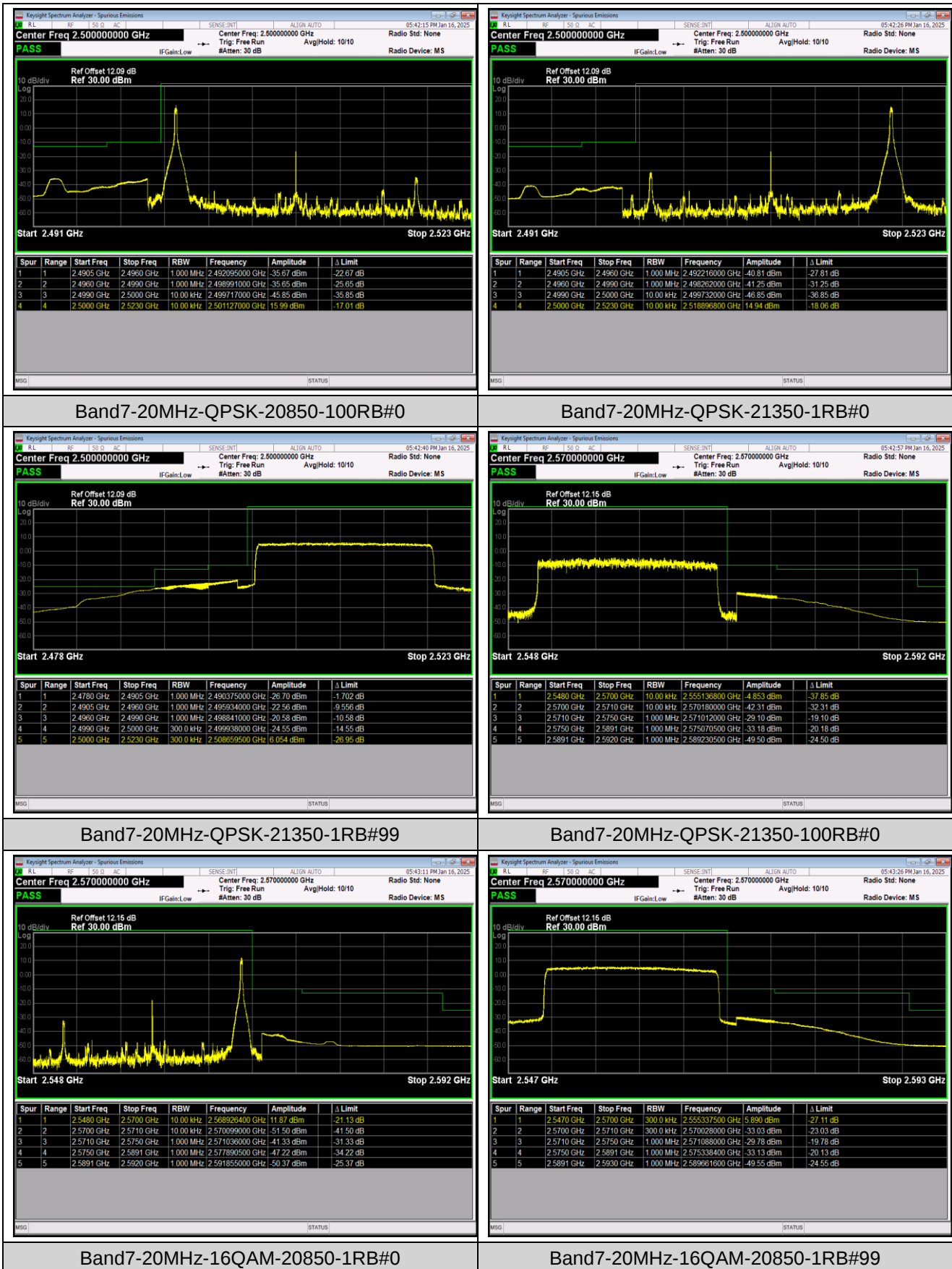
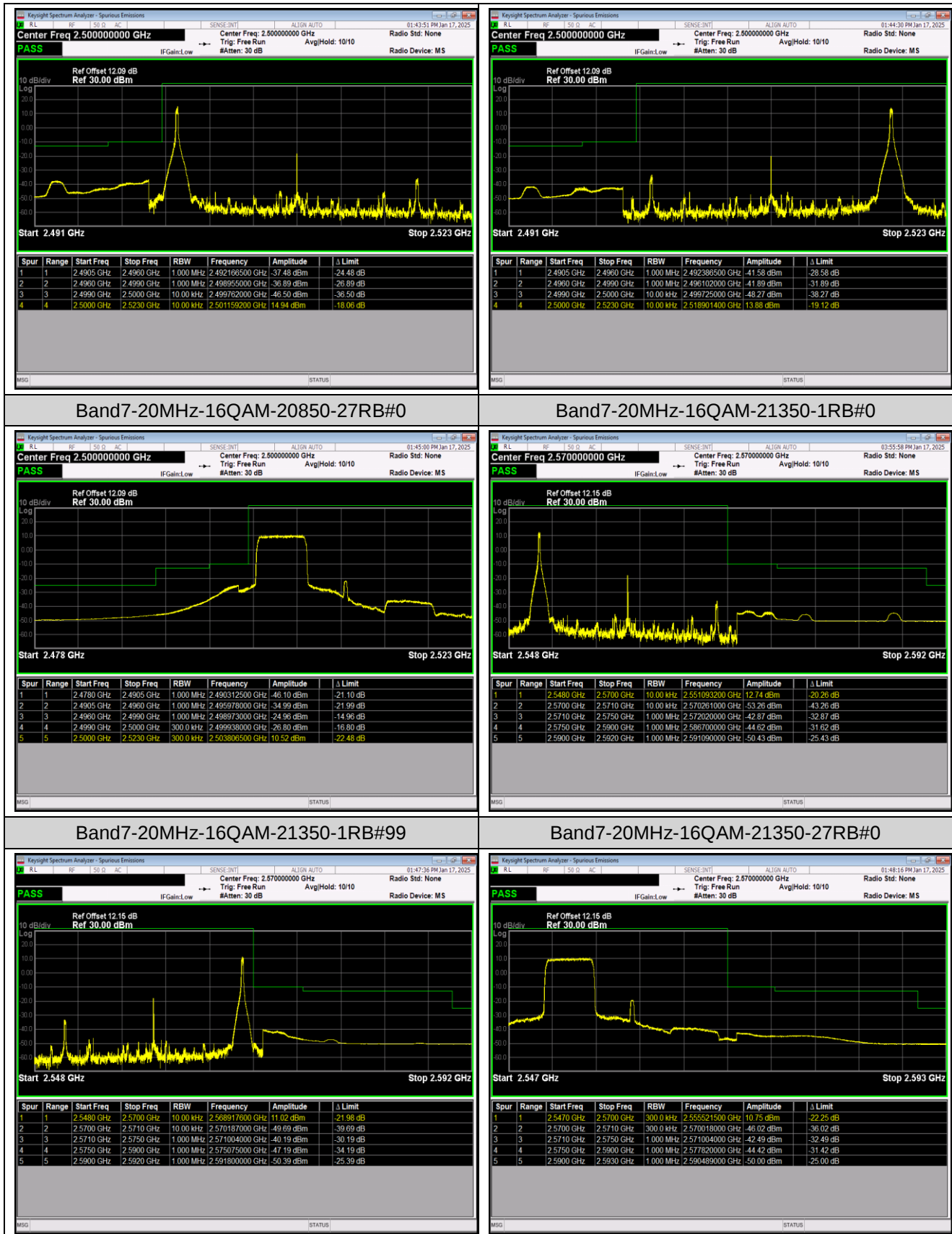










## Appendix E: Conducted Spurious Emission

### Test Result (worst case)

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range      | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|--------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | Range1:30~1000MHz    | -46.71       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | Range2:1000~20000MHz | -34.36       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | Range1:30~1000MHz    | -47.01       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | Range2:1000~20000MHz | -33.79       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | Range1:30~1000MHz    | -47.61       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | Range2:1000~20000MHz | -33.79       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | Range1:30~1000MHz    | -45.26       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | Range2:1000~20000MHz | -33          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | Range1:30~1000MHz    | -45.81       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | Range2:1000~20000MHz | -33.03       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | Range1:30~1000MHz    | -46.7        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | Range2:1000~20000MHz | -34.45       | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#0            | Range1:30~1000MHz    | -46.09       | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#0            | Range2:1000~20000MHz | -34.15       | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 1RB#0            | Range1:30~1000MHz    | -46.79       | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 1RB#0            | Range2:1000~20000MHz | -34.6        | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#0            | Range1:30~1000MHz    | -46.03       | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#0            | Range2:1000~20000MHz | -33.55       | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#0            | Range1:30~1000MHz    | -46.55       | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 1RB#0            | Range2:1000~20000MHz | -34.28       | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 1RB#0            | Range1:30~1000MHz    | -45.47       | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 1RB#0            | Range2:1000~20000MHz | -33.79       | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#0            | Range1:30~1000MHz    | -45.36       | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 1RB#0            | Range2:1000~20000MHz | -33.62       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | Range1:30~1000MHz    | -46.76       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | Range2:1000~20000MHz | -34.28       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | Range1:30~1000MHz    | -46.8        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | Range2:1000~20000MHz | -33.98       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | Range1:30~1000MHz    | -46.62       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | Range2:1000~20000MHz | -35.07       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | Range1:30~1000MHz    | -45.8        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | Range2:1000~20000MHz | -33.85       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | Range1:30~1000MHz    | -46.39       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | Range2:1000~20000MHz | -34.74       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | Range1:30~1000MHz    | -46          | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | Range2:1000~20000MHz | -35.11       | PASS    |

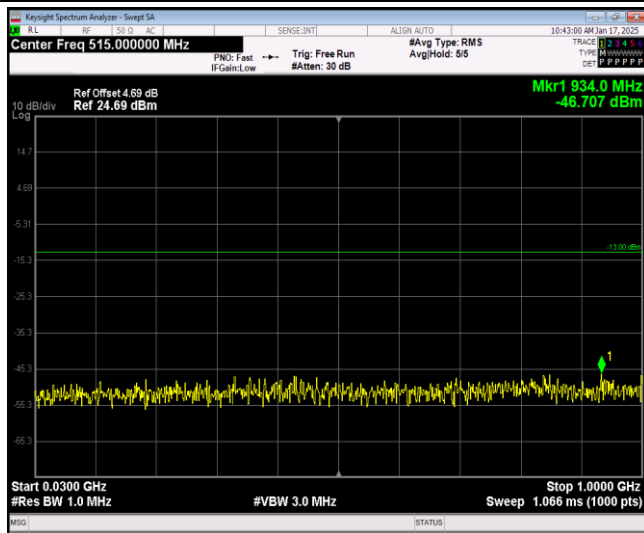
|       |        |       |       |       |                      |        |      |
|-------|--------|-------|-------|-------|----------------------|--------|------|
| Band4 | 20MHz  | QPSK  | 20050 | 1RB#0 | Range1:30~1000MHz    | -45.57 | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 1RB#0 | Range2:1000~20000MHz | -35.12 | PASS |
| Band4 | 20MHz  | QPSK  | 20175 | 1RB#0 | Range1:30~1000MHz    | -47.13 | PASS |
| Band4 | 20MHz  | QPSK  | 20175 | 1RB#0 | Range2:1000~20000MHz | -33.54 | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 1RB#0 | Range1:30~1000MHz    | -46.92 | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 1RB#0 | Range2:1000~20000MHz | -34.2  | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 1RB#0 | Range1:30~1000MHz    | -46.35 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 1RB#0 | Range2:1000~20000MHz | -34.06 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 1RB#0 | Range1:30~1000MHz    | -45.94 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 1RB#0 | Range2:1000~20000MHz | -34.58 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#0 | Range1:30~1000MHz    | -46.53 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#0 | Range2:1000~20000MHz | -34.66 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#0 | Range1:30~1000MHz    | -44.9  | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#0 | Range2:1000~10000MHz | -39.75 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#0 | Range1:30~1000MHz    | -45.17 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#0 | Range2:1000~10000MHz | -40.07 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0 | Range1:30~1000MHz    | -45.2  | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0 | Range2:1000~10000MHz | -40.49 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | Range1:30~1000MHz    | -45.58 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | Range2:1000~10000MHz | -41.57 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0 | Range1:30~1000MHz    | -46.32 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0 | Range2:1000~10000MHz | -40.97 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | Range1:30~1000MHz    | -45.33 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | Range2:1000~10000MHz | -40.49 | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 1RB#0 | Range1:30~1000MHz    | -45.63 | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 1RB#0 | Range2:1000~10000MHz | -41.12 | PASS |
| Band5 | 10MHz  | QPSK  | 20525 | 1RB#0 | Range1:30~1000MHz    | -45.67 | PASS |
| Band5 | 10MHz  | QPSK  | 20525 | 1RB#0 | Range2:1000~10000MHz | -40.51 | PASS |
| Band5 | 10MHz  | QPSK  | 20600 | 1RB#0 | Range1:30~1000MHz    | -46.09 | PASS |
| Band5 | 10MHz  | QPSK  | 20600 | 1RB#0 | Range2:1000~10000MHz | -40.79 | PASS |
| Band5 | 10MHz  | 16QAM | 20450 | 1RB#0 | Range1:30~1000MHz    | -45.92 | PASS |
| Band5 | 10MHz  | 16QAM | 20450 | 1RB#0 | Range2:1000~10000MHz | -40.85 | PASS |
| Band5 | 10MHz  | 16QAM | 20525 | 1RB#0 | Range1:30~1000MHz    | -45.88 | PASS |
| Band5 | 10MHz  | 16QAM | 20525 | 1RB#0 | Range2:1000~10000MHz | -41.5  | PASS |
| Band5 | 10MHz  | 16QAM | 20600 | 1RB#0 | Range1:30~1000MHz    | -45.49 | PASS |
| Band5 | 10MHz  | 16QAM | 20600 | 1RB#0 | Range2:1000~10000MHz | -41    | PASS |
| Band7 | 5MHz   | QPSK  | 20775 | 1RB#0 | Range1:30~1000MHz    | -46.69 | PASS |
| Band7 | 5MHz   | QPSK  | 20775 | 1RB#0 | Range2:1000~26500MHz | -29.34 | PASS |
| Band7 | 5MHz   | QPSK  | 21100 | 1RB#0 | Range1:30~1000MHz    | -47.1  | PASS |
| Band7 | 5MHz   | QPSK  | 21100 | 1RB#0 | Range2:1000~26500MHz | -29.13 | PASS |
| Band7 | 5MHz   | QPSK  | 21425 | 1RB#0 | Range1:30~1000MHz    | -45.19 | PASS |
| Band7 | 5MHz   | QPSK  | 21425 | 1RB#0 | Range2:1000~26500MHz | -30.35 | PASS |

|       |       |       |       |       |                      |        |      |
|-------|-------|-------|-------|-------|----------------------|--------|------|
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#0 | Range1:30~1000MHz    | -46.37 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#0 | Range2:1000~26500MHz | -29.95 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz    | -45.47 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#0 | Range2:1000~26500MHz | -29.22 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#0 | Range1:30~1000MHz    | -46.58 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#0 | Range2:1000~26500MHz | -30.3  | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | Range1:30~1000MHz    | -45.67 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | Range2:1000~26500MHz | -29.23 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | Range1:30~1000MHz    | -46.04 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | Range2:1000~26500MHz | -30.27 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | Range1:30~1000MHz    | -45.85 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | Range2:1000~26500MHz | -29.33 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | Range1:30~1000MHz    | -45.81 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | Range2:1000~26500MHz | -29.99 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz    | -46.85 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~26500MHz | -29.93 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range1:30~1000MHz    | -46.34 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range2:1000~26500MHz | -30.06 | PASS |

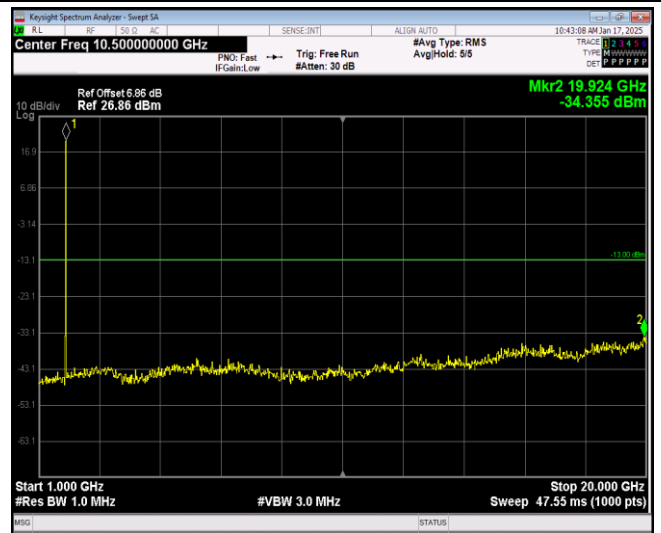
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

## Test Graphs

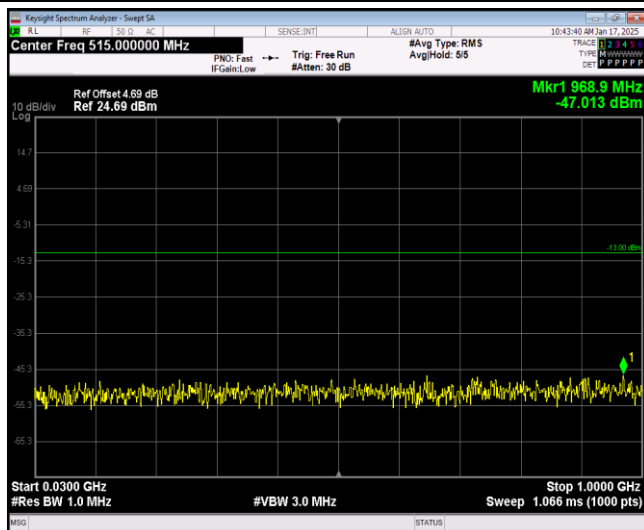
Band2-1.4MHz-QPSK-18607-1RB#0-Range1:30~100  
0MHz



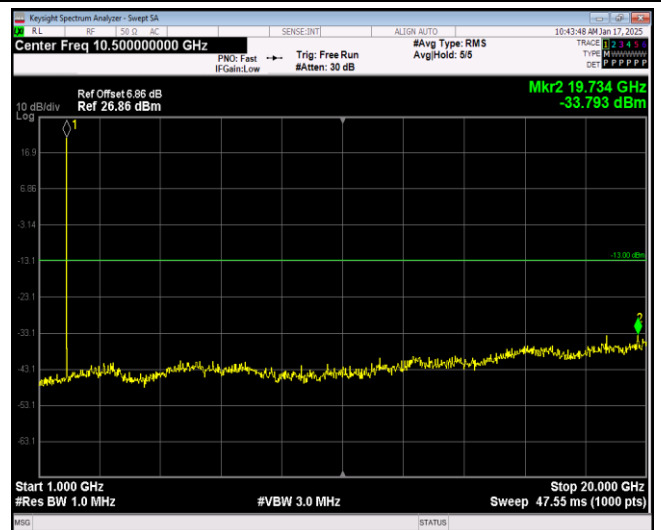
Band2-1.4MHz-QPSK-18607-1RB#0-Range2:1000~2  
0000MHz



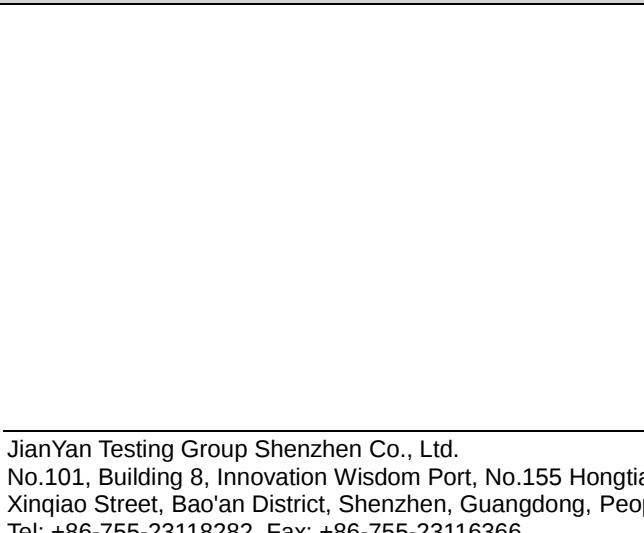
Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~100  
0MHz



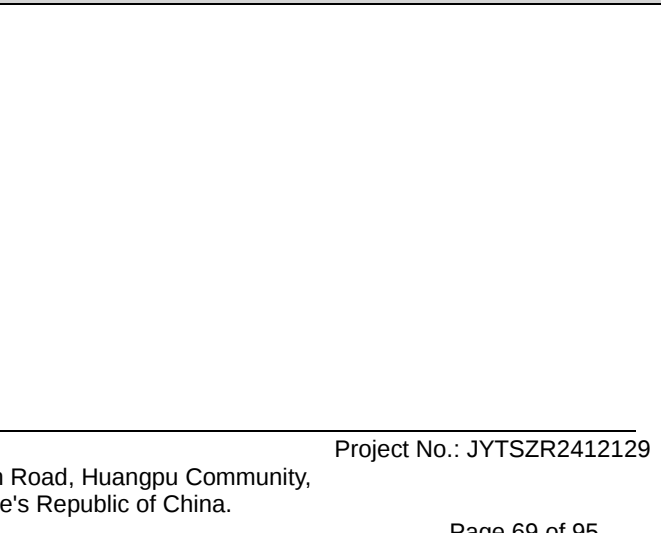
Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~2  
0000MHz

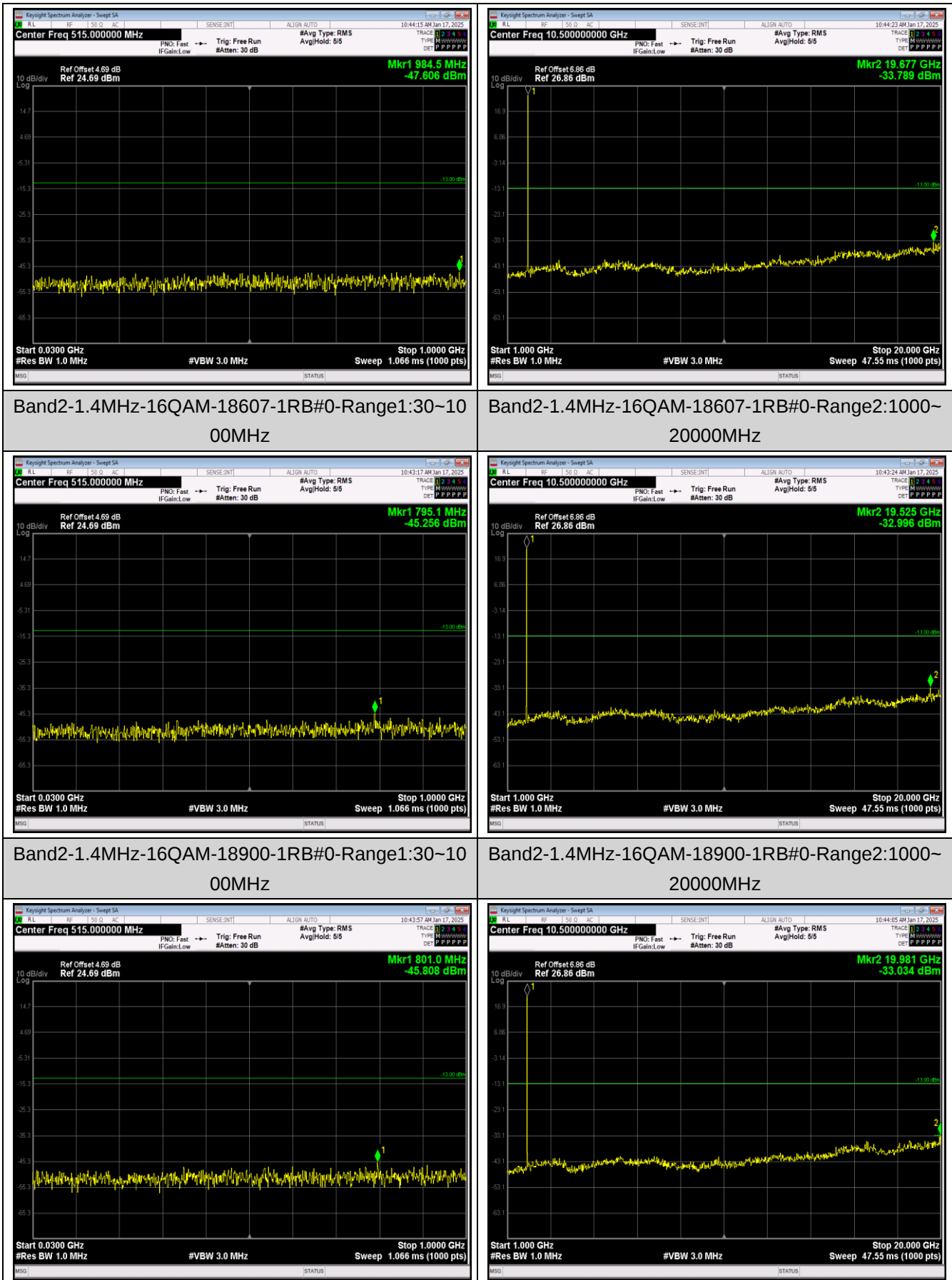


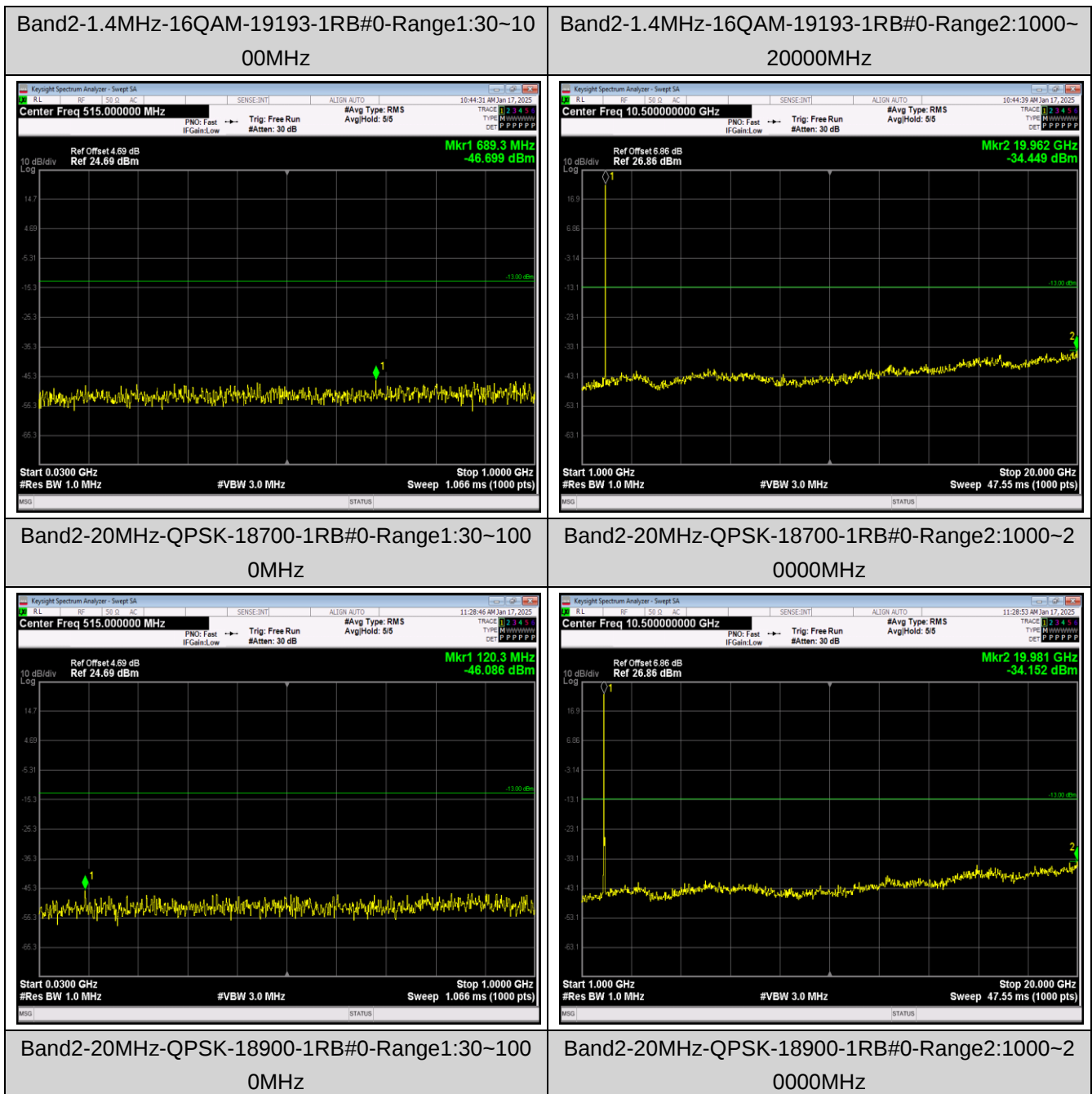
Band2-1.4MHz-QPSK-19193-1RB#0-Range1:30~100  
0MHz

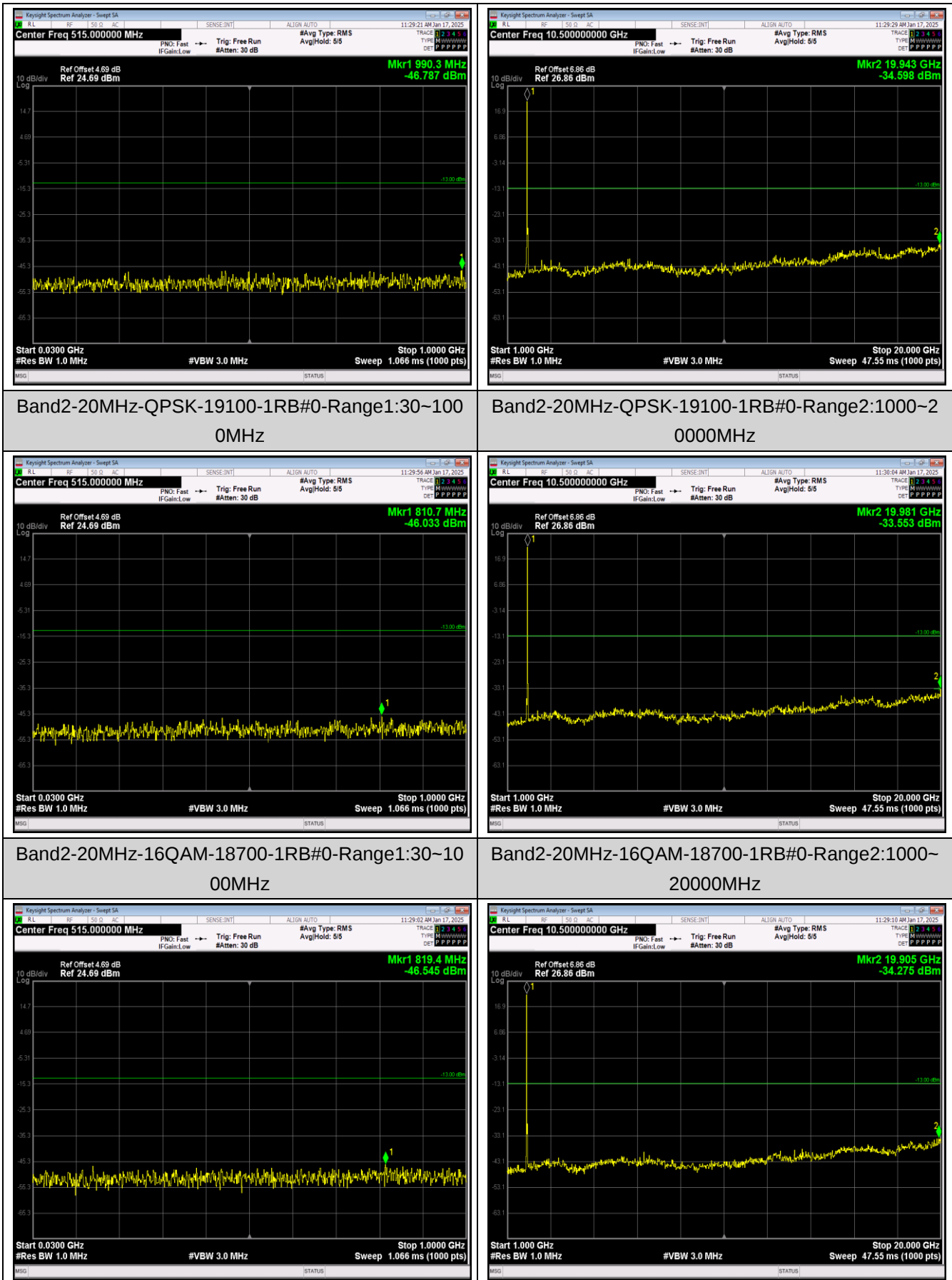


Band2-1.4MHz-QPSK-19193-1RB#0-Range2:1000~2  
0000MHz

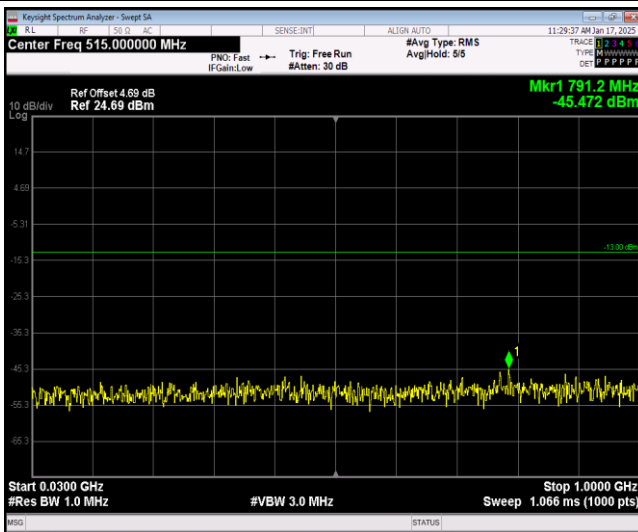




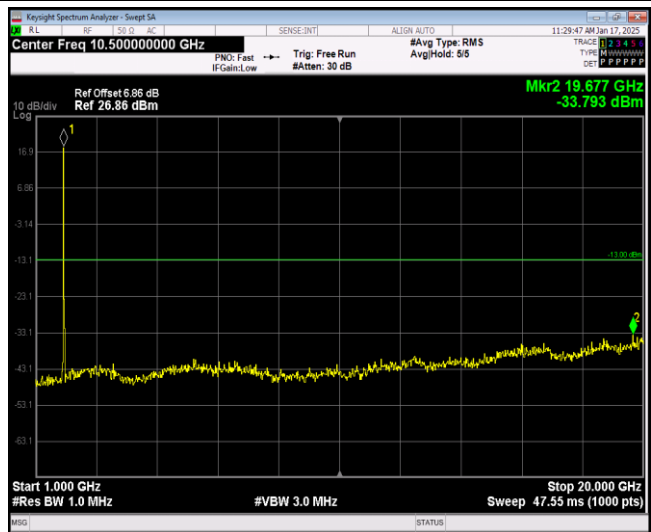




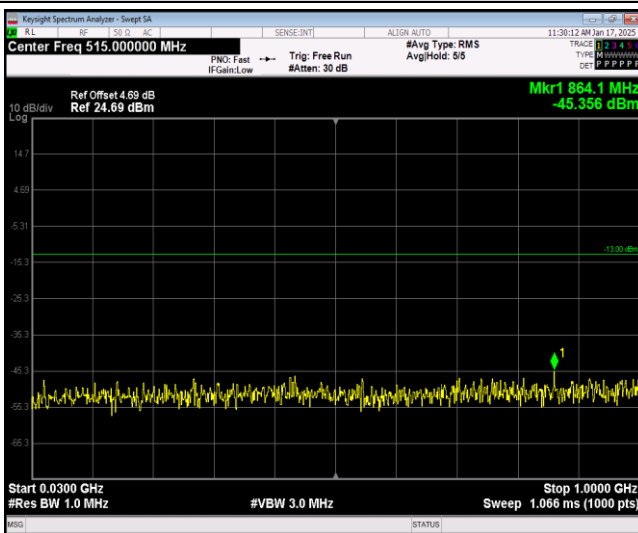
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



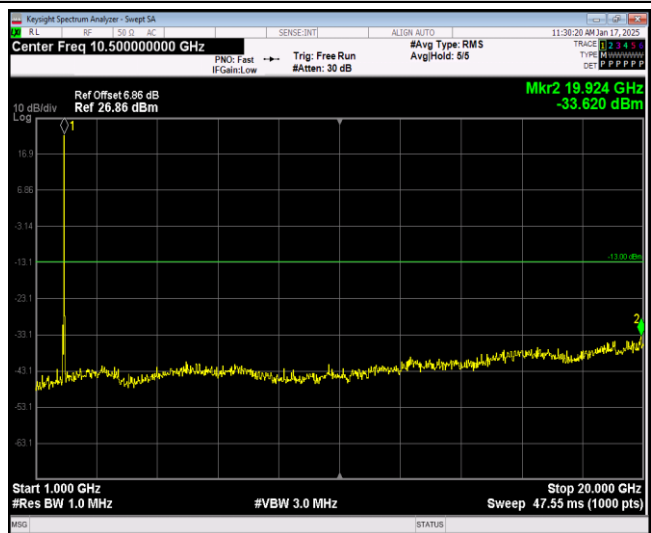
Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



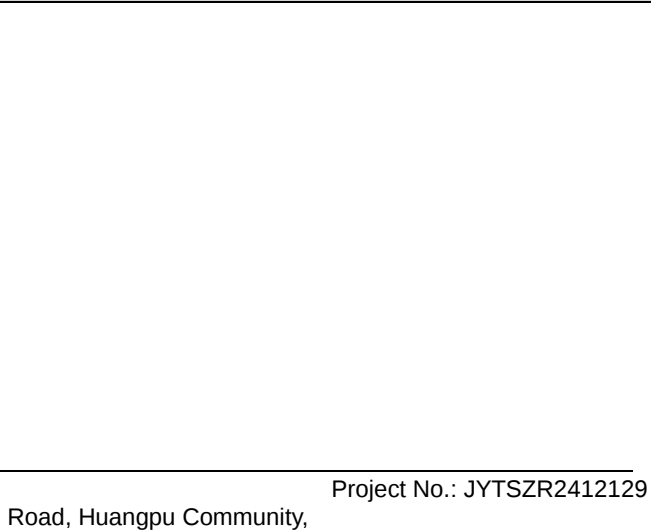
Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz

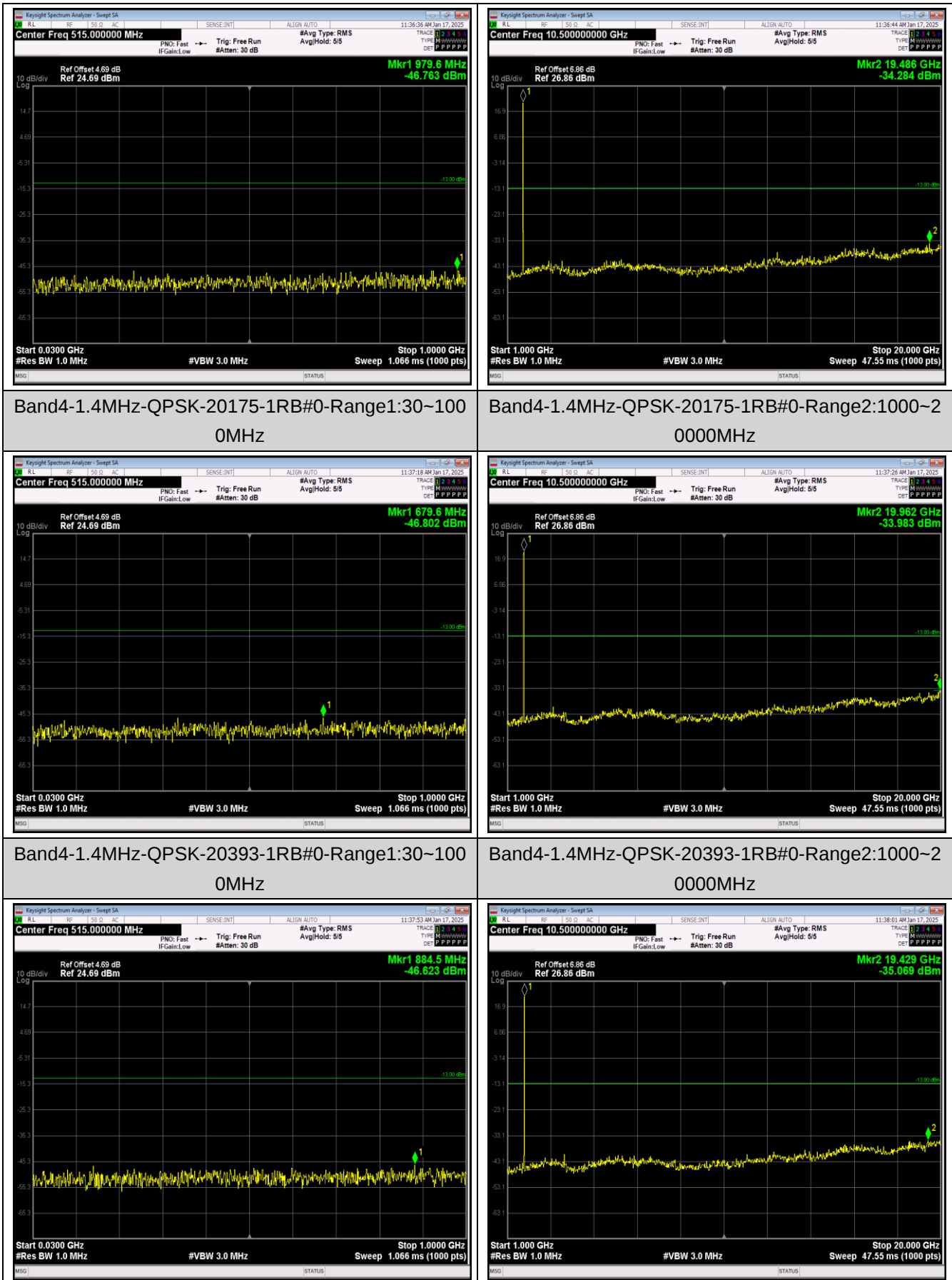


Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz

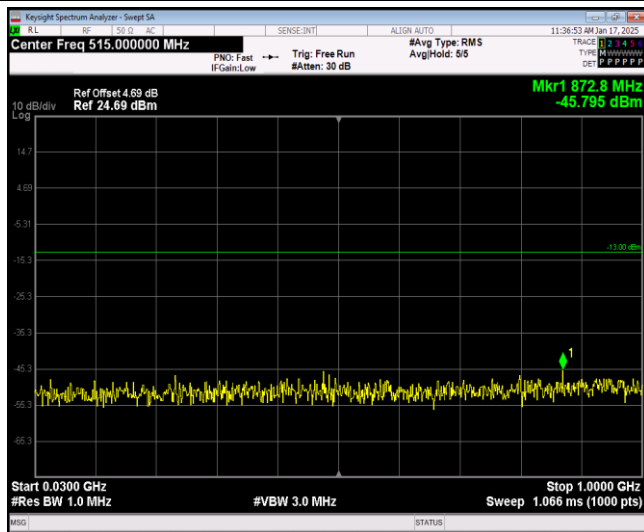


Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~20000MHz

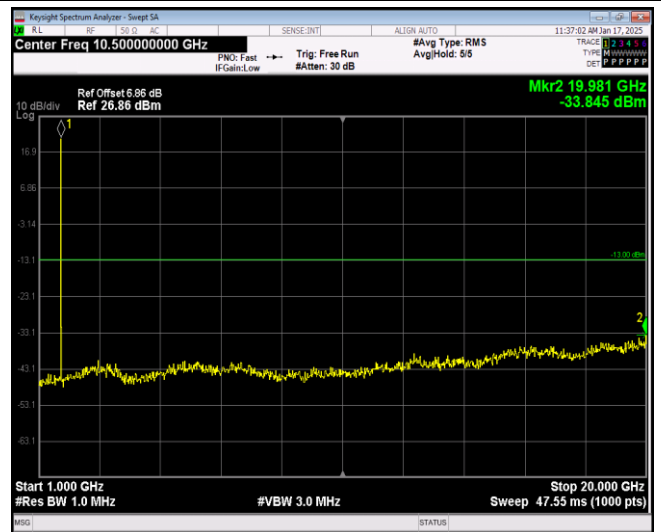




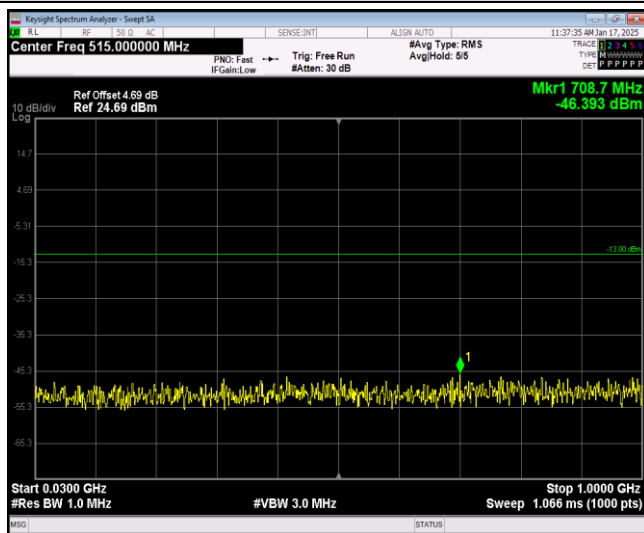
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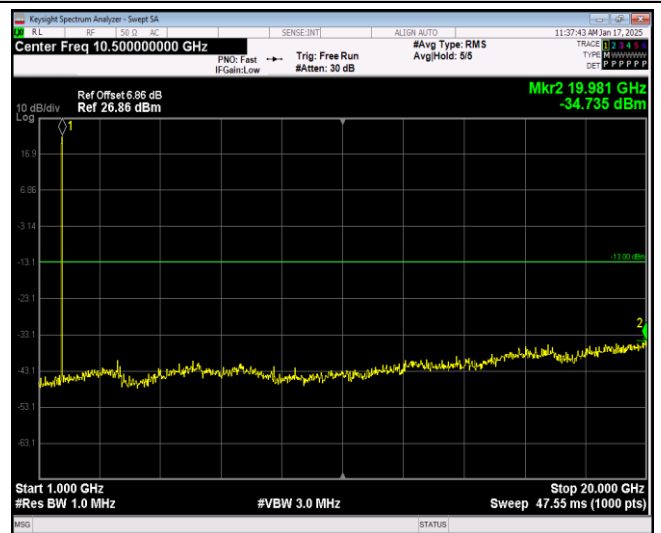
Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~20000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



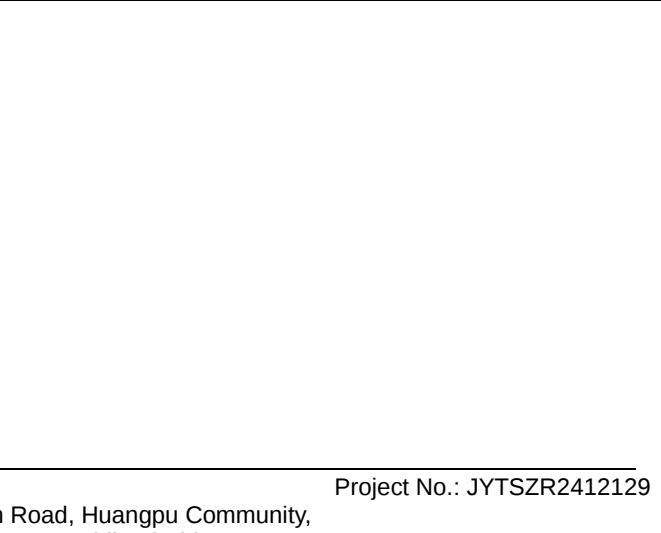
Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz

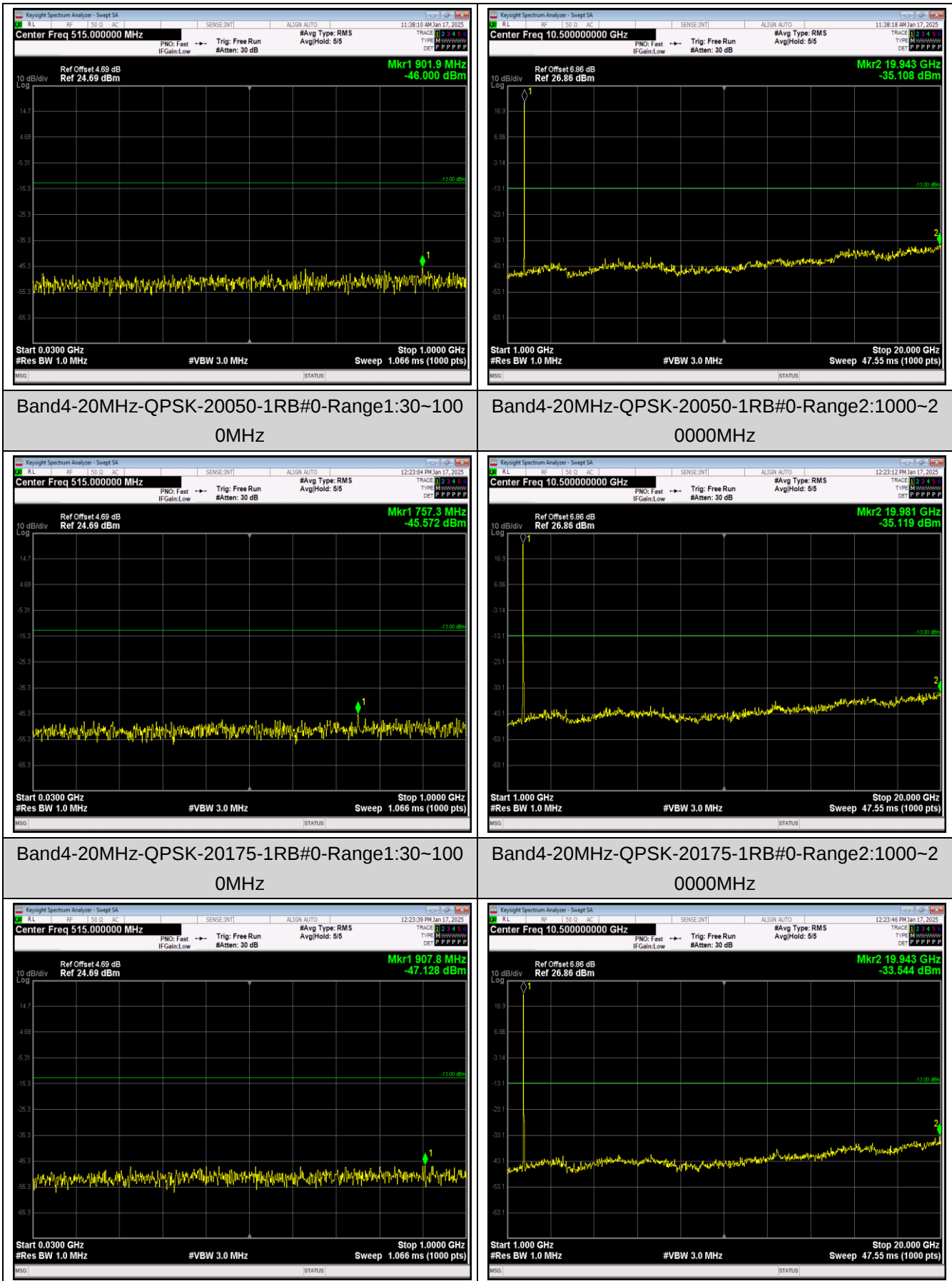


Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz

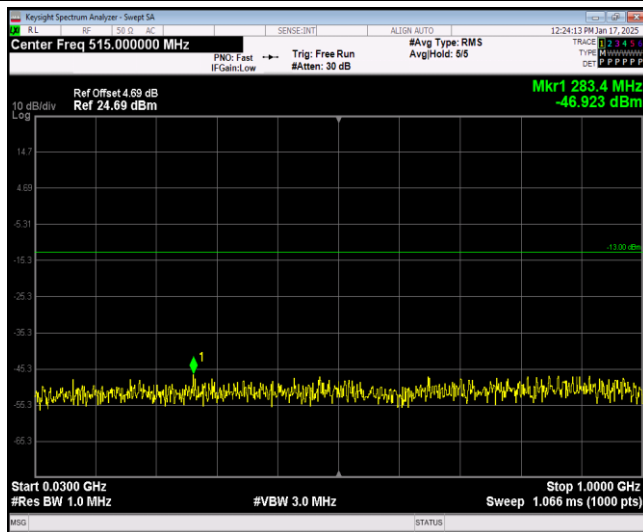


Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~20000MHz

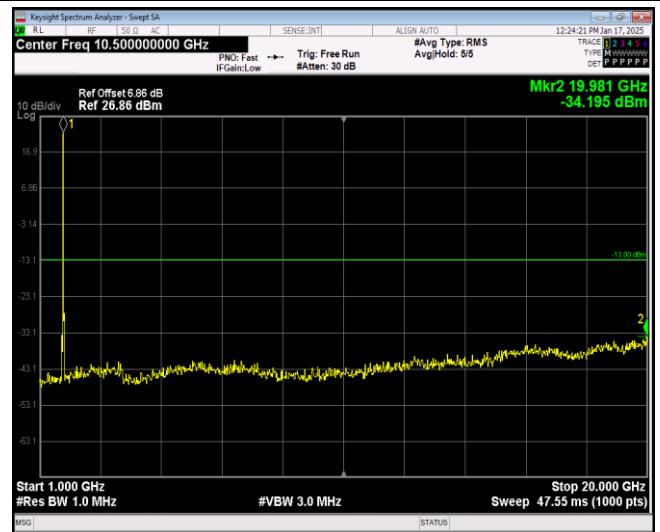




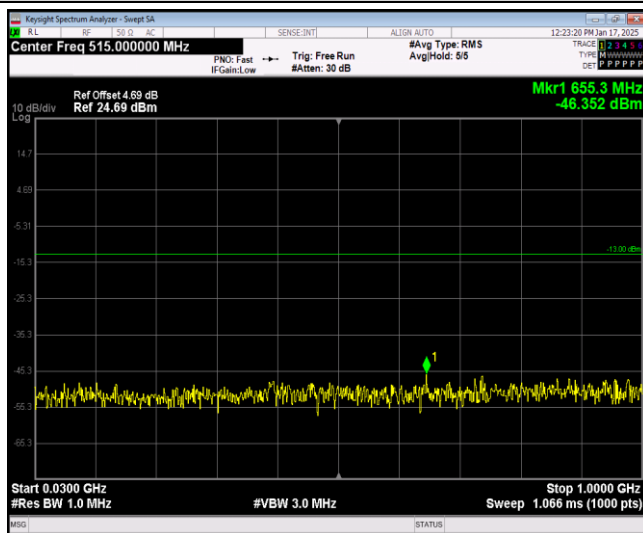
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~100  
0MHz



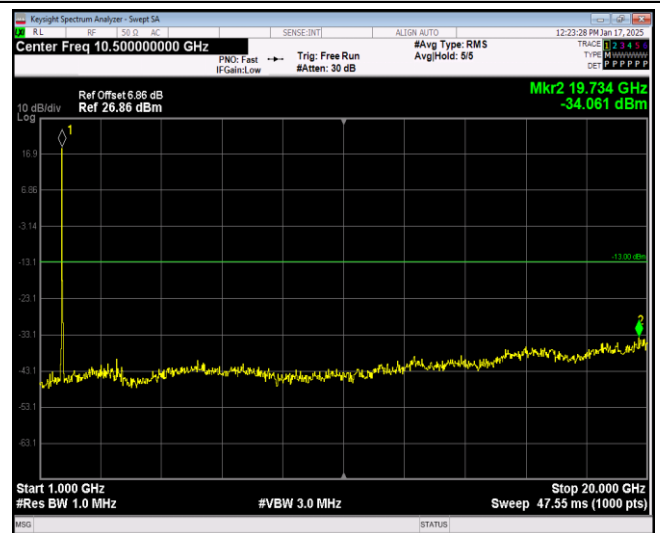
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~2  
0000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range1:30~10  
00MHz



Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~  
20000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range1:30~10  
00MHz

Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~  
20000MHz