

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

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 21.32       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 21.54       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 21.59       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 21.44       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1            | 21.44       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 21.31       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 20.28       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 21.35       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 21.20       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 21.14       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 21.25       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1            | 21.14       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 21.41       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 20.18       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 21.36       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 21.37       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 21.23       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 21.30       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#1            | 21.23       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3            | 21.23       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 20.30       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 20.41       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 20.73       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 20.45       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0            | 20.17       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1            | 20.25       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3            | 20.21       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 19.33       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 20.07       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2            | 20.33       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#5            | 20.33       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#0            | 20.26       | PASS    |

|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1  | 19.94 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3  | 20.22 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | 19.29 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 20.18 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 20.35 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 20.29 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 19.96 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 19.96 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 20.09 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 19.40 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 21.66 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 21.91 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 21.75 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 21.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 20.99 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 20.86 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 20.90 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 22.07 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 22.10 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 22.15 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 21.05 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 21.18 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 21.20 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 20.99 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 21.60 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#8  | 21.62 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 21.82 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#0  | 20.88 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#4  | 20.82 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#7  | 20.80 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | 20.88 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 21.01 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#8  | 20.93 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#14 | 20.84 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#0  | 20.07 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#4  | 19.82 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#7  | 20.10 | PASS |

|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0  | 19.75 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0   | 20.93 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8   | 21.43 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14  | 21.37 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0   | 20.24 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4   | 20.23 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7   | 20.23 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0  | 19.87 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0   | 20.66 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8   | 20.71 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14  | 20.89 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0   | 19.85 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 19.85 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 19.95 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 20.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 21.49 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 21.64 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 21.70 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 20.83 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 20.67 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 20.66 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 20.71 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 21.77 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 21.93 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 22.02 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 20.62 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 20.63 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 20.77 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 20.65 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 21.72 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 21.49 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 21.71 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 20.62 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#6  | 20.65 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#13 | 20.71 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0  | 20.72 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 20.75 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#12  | 20.84 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#24  | 20.83 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#0  | 19.75 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#6  | 19.75 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#13 | 19.77 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0  | 19.81 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0   | 20.76 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#12  | 21.03 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#24  | 21.22 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#0  | 19.83 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#6  | 19.84 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#13 | 19.77 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | 19.70 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 20.62 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#12  | 20.70 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 20.84 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 19.72 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 19.63 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 19.78 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 19.82 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 21.89 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 21.65 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 21.80 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 20.84 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 20.85 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 20.95 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 20.94 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 22.03 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 22.14 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 22.12 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 20.89 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 20.74 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 21.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 20.84 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 21.72 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 21.53 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 21.83 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 20.84 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 20.73 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 20.63 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 20.70 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 20.96 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 21.02 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 21.12 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 19.91 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 19.91 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 20.02 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 19.86 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 21.09 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 21.11 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 20.62 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 19.83 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 19.79 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 19.86 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 19.86 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 20.63 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 20.68 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 21.18 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 19.67 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 19.68 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 19.77 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 19.73 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 21.57 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 21.52 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 21.76 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 21.01 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 20.98 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 21.02 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 20.93 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 21.98 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 21.89 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 21.74 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 20.40 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 20.80 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 20.97 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 20.85 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 21.88 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 21.69 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 21.73 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 21.01 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 21.01 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 21.11 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 20.95 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 20.76 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 20.77 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 21.05 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 21.01 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 20.86 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 21.06 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 19.97 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 21.05 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 21.03 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 20.91 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 20.82 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 20.69 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 20.77 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 19.90 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 21.02 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 20.78 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 20.92 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 21.10 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 21.01 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 21.22 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 19.94 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 21.64 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 21.79 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 22.16 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 20.83 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 20.78 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 20.86 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 20.80 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 21.84 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 22.03 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 21.97 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 20.63 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 20.68 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 20.73 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 20.69 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 21.81 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 21.99 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 21.68 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 20.81 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 20.81 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 20.51 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 20.73 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 20.68 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 20.94 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 20.99 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 19.86 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 19.87 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 19.95 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 19.87 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 20.63 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 20.71 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 20.64 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 19.83 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 19.93 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 19.83 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 19.73 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 20.83 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 20.83 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 20.75 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 19.94 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 19.84 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 19.61 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 19.78 | PASS |

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

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 2.90       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 3.77       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 4.55       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 5.22       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 3.94       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 4.58       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 4.03       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 4.81       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 5.48       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 6.14       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 4.93       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 5.59       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 3.68       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 5.25       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 4.75       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 4.52       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 6.17       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 5.51       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 3.68       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 5.25       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.64       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.64       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 6.12       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 5.48       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 3.88       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 5.19       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 4.67       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 4.78       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 6.06       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 5.51       | 13        | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 4.23       | 13        | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 5.25       | 13        | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 4.75       | 13        | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 5.04       | 13        | PASS    |
| Band4 | 15MHz     | 16QAM      | 20175   | 75RB#0           | 6.06       | 13        | PASS    |

|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 5.54 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 4.26 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 8.49 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 4.61 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 5.19 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 5.94 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 5.59 | 13 | PASS |

## Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0



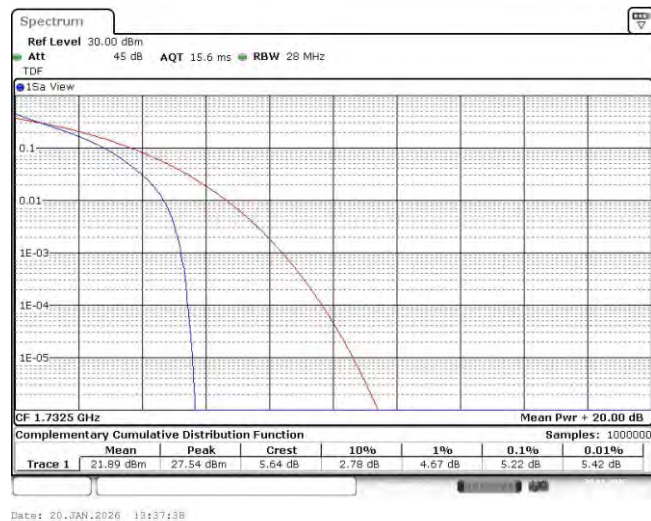
Band4-1.4MHz-QPSK-19957-6RB#0



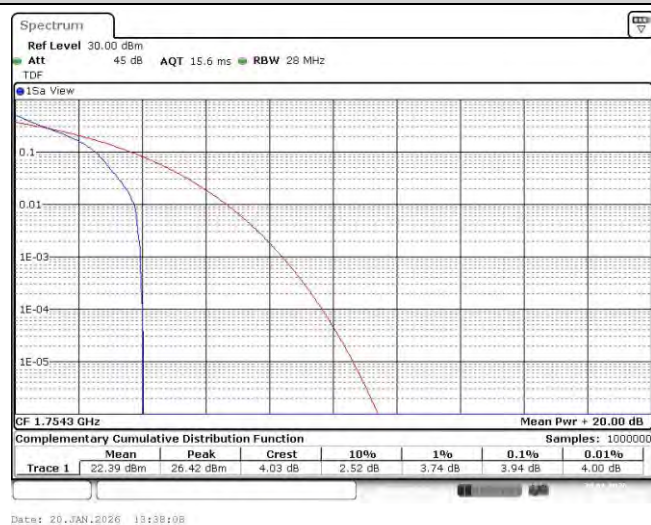
Band4-1.4MHz-QPSK-20175-1RB#0



Band4-1.4MHz-QPSK-20175-6RB#0



Band4-1.4MHz-QPSK-20393-1RB#0



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



Band4-1.4MHz-16QAM-19957-1RB#0



Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20175-1RB#0



Band4-1.4MHz-16QAM-20175-6RB#0



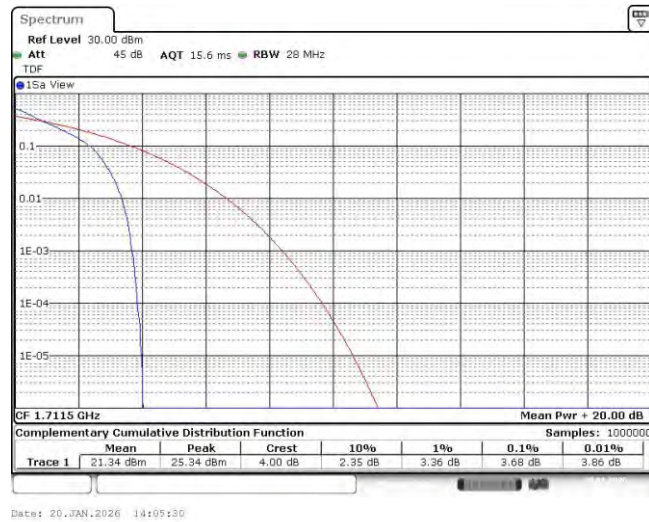
Band4-1.4MHz-16QAM-20393-1RB#0



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



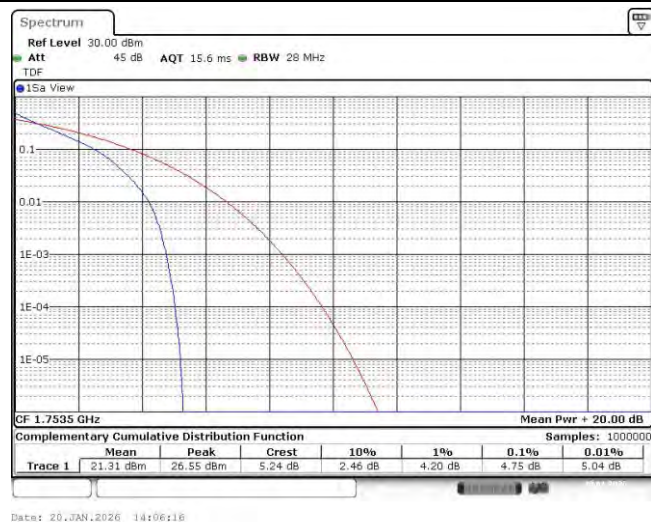
Band4-3MHz-QPSK-19965-15RB#0



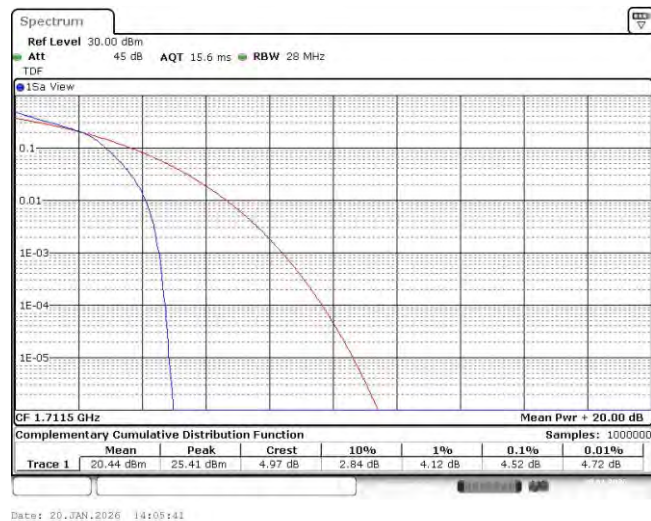
Band4-3MHz-QPSK-20175-15RB#0



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



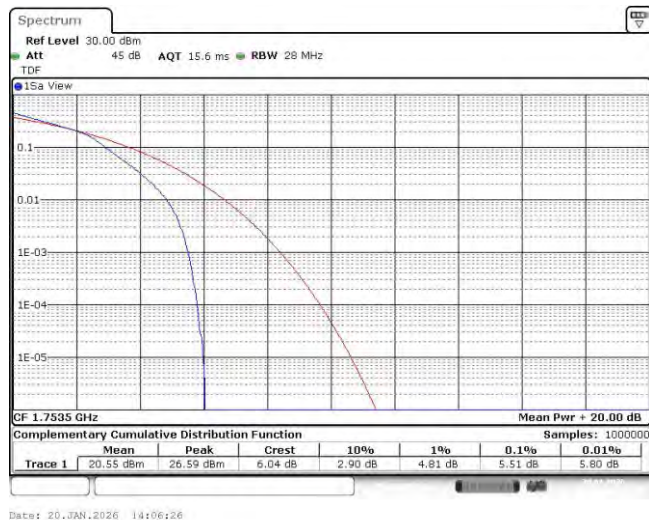
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Band4-3MHz-16QAM-20175-15RB#0



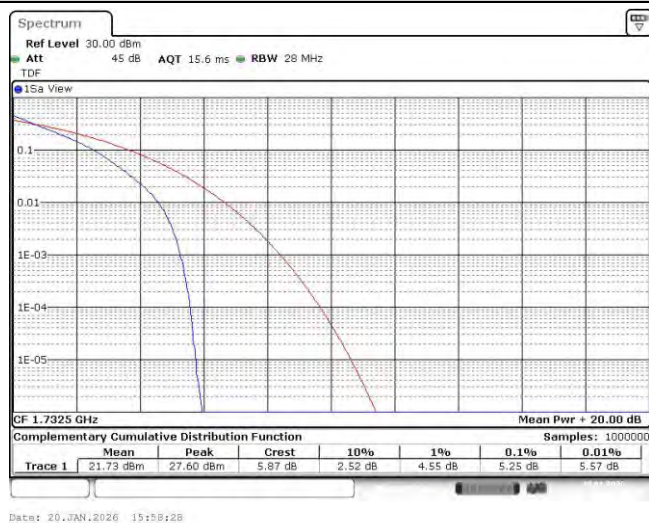
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Band4-5MHz-QPSK-19975-25RB#0



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



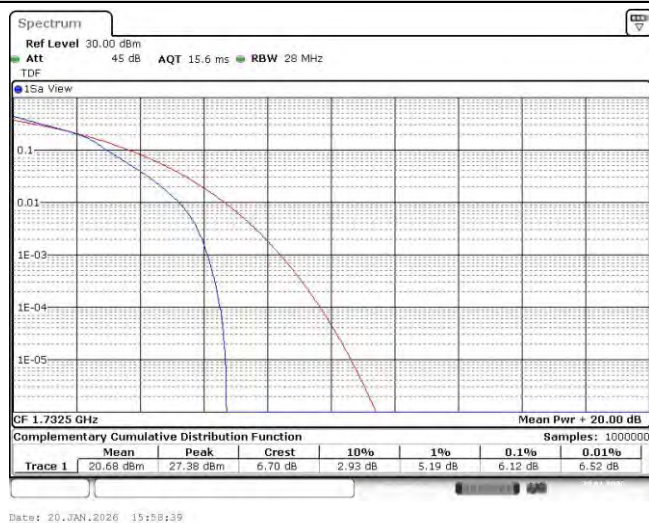
Band4-5MHz-QPSK-20375-25RB#0



Band4-5MHz-16QAM-19975-25RB#0



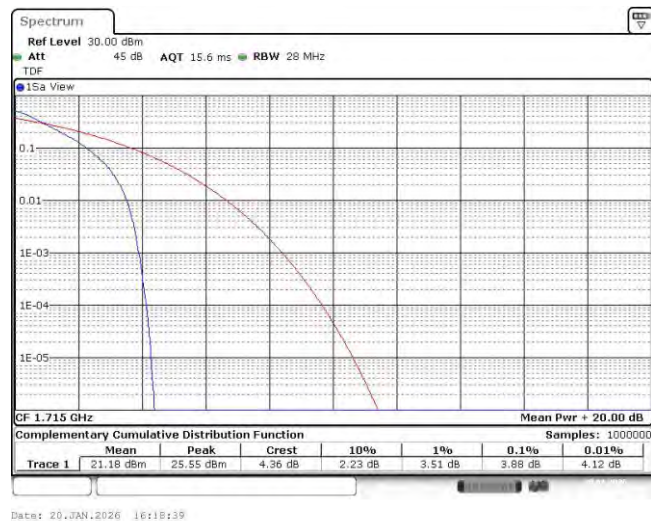
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Band4-5MHz-16QAM-20375-25RB#0



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



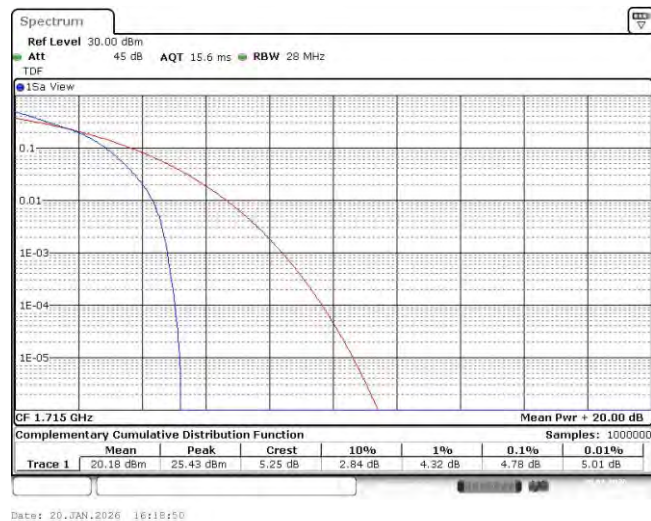
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Band4-10MHz-QPSK-20350-50RB#0



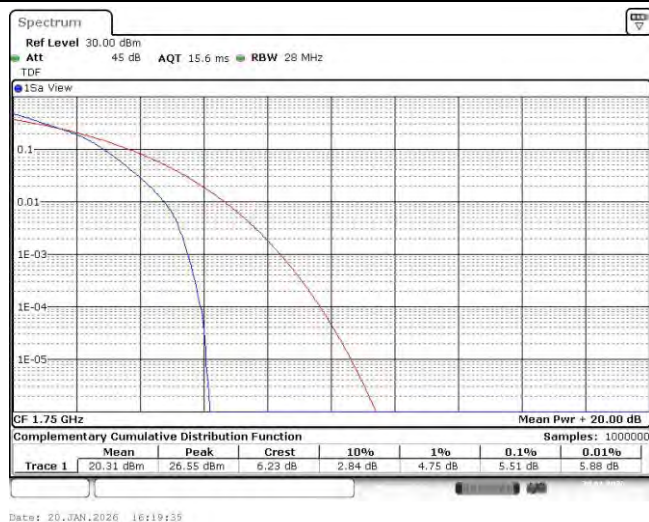
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Band4-10MHz-16QAM-20175-50RB#0



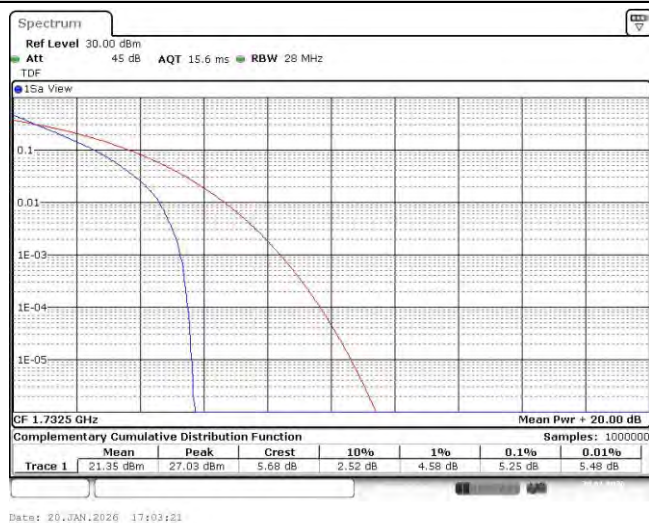
Band4-10MHz-16QAM-20350-50RB#0



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



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



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



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



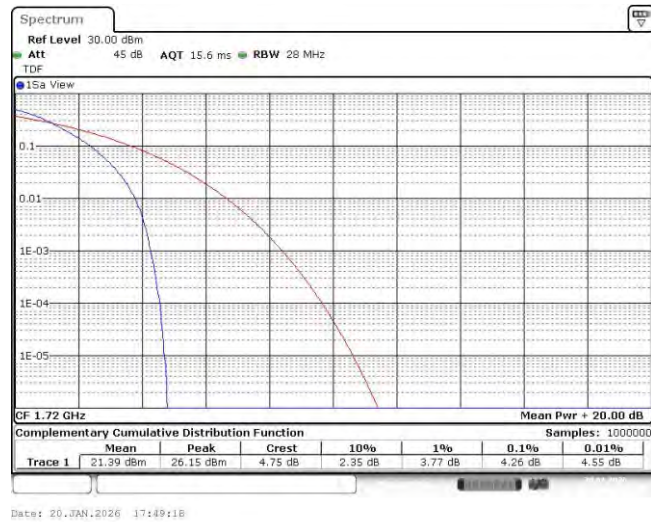
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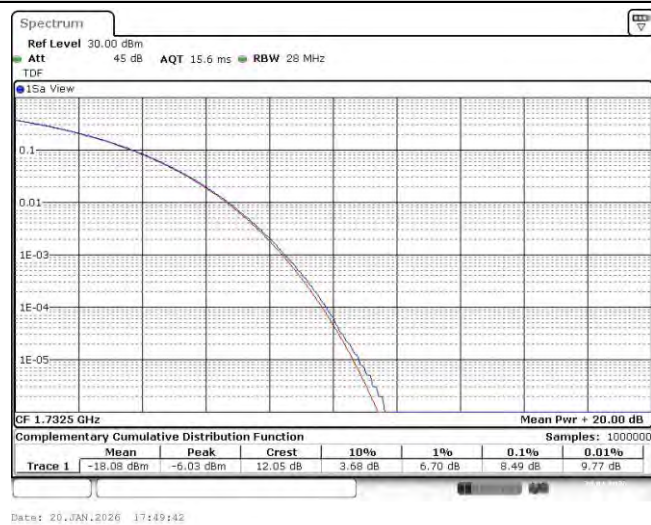
Band4-15MHz-16QAM-20325-75RB#0



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



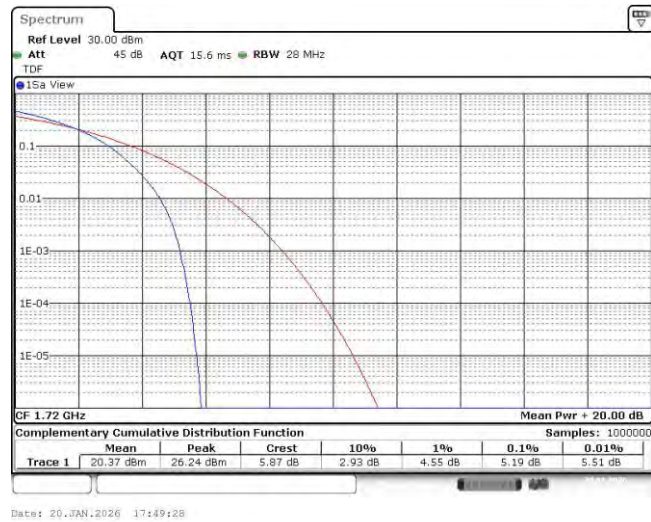
Band4-20MHz-QPSK-20175-100RB#0



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



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



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



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



## Appendix C: 26dB Bandwidth and Occupied Bandwidth

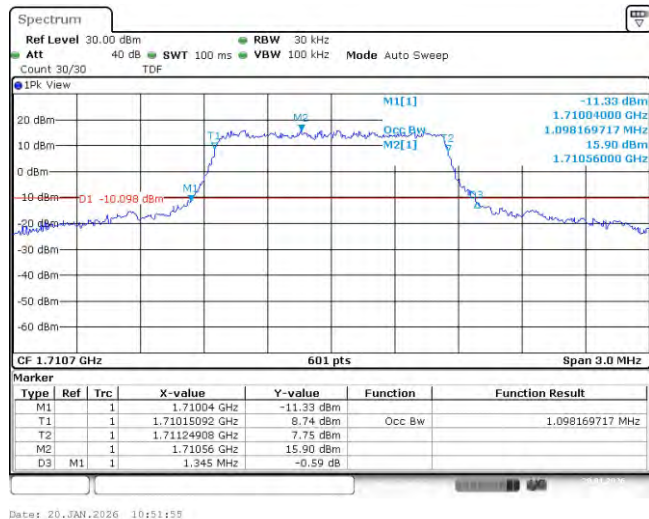
### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.098                    | 1.345                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.098                    | 1.295                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.098                    | 1.315                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.103                    | 1.310                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.098                    | 1.300                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.098                    | 1.310                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.705                    | 2.980                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.696                    | 3.000                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.696                    | 2.980                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.705                    | 3.030                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.696                    | 3.010                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.696                    | 3.030                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.515                    | 5.060                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.505                    | 5.030                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.515                    | 5.050                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.515                    | 5.060                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.505                    | 5.060                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.505                    | 5.020                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 8.985                    | 10.033               | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 8.985                    | 9.933                | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 8.985                    | 10.000               | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 8.985                    | 9.900                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 8.985                    | 9.933                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 8.985                    | 9.900                | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 13.428                   | 14.900               | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 13.527                   | 14.950               | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 13.428                   | 14.850               | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 13.478                   | 14.750               | PASS    |
| Band4 | 15MHz     | 16QAM      | 20175   | 75RB#0           | 13.478                   | 14.850               | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 75RB#0           | 13.378                   | 14.800               | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 17.97                    | 19.867               | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 18.037                   | 19.733               | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 17.903                   | 19.667               | PASS    |

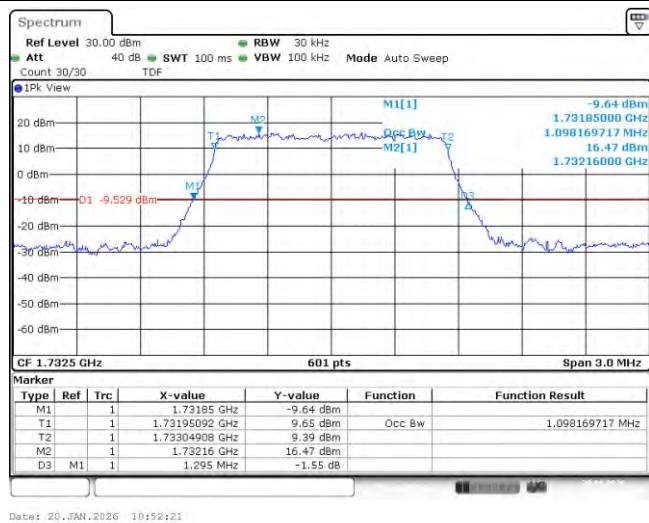
|       |       |       |       |         |        |        |      |
|-------|-------|-------|-------|---------|--------|--------|------|
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 18.037 | 19.733 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 17.97  | 19.933 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 17.97  | 19.667 | PASS |

## Test Graphs

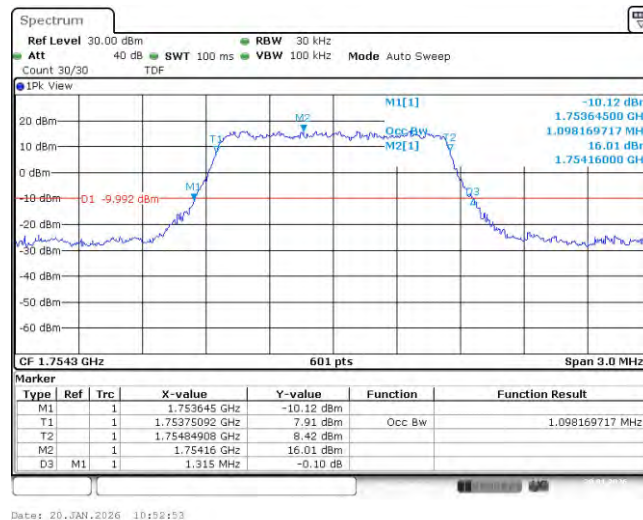
Band4-1.4MHz-QPSK-19957-6RB#0-1.098



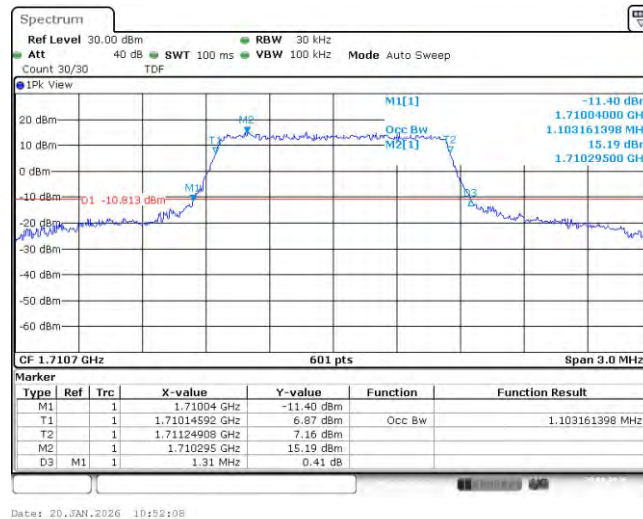
Band4-1.4MHz-QPSK-20175-6RB#0-1.098



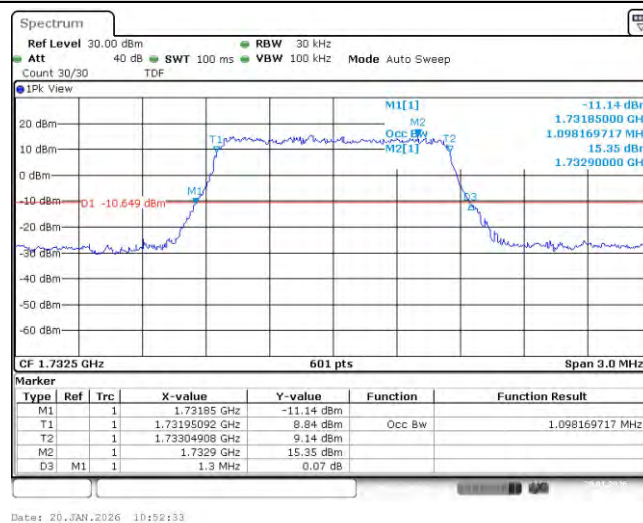
Band4-1.4MHz-QPSK-20393-6RB#0-1.098



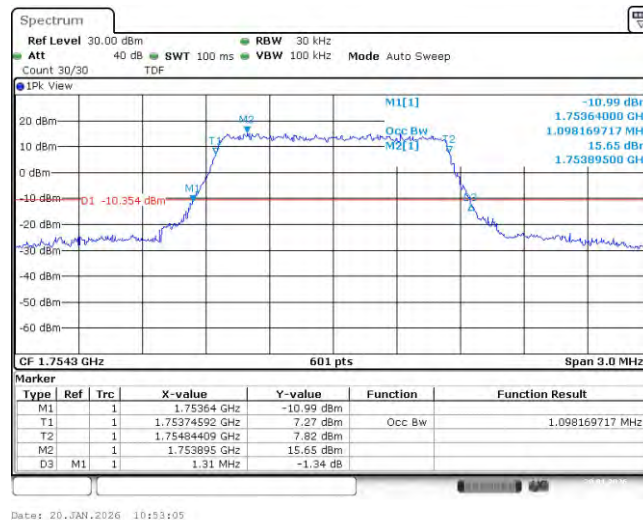
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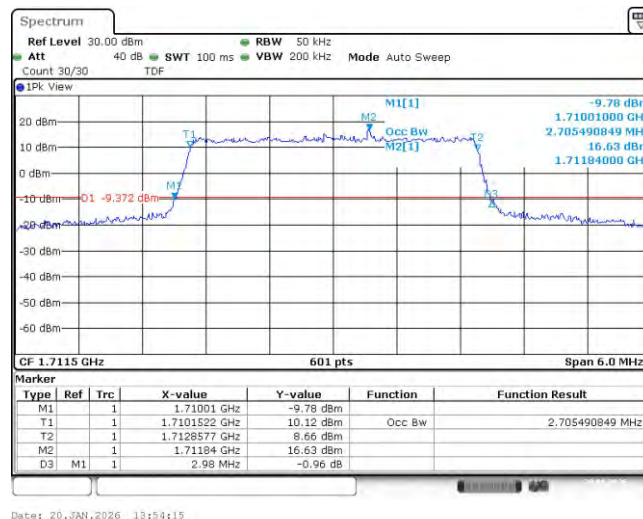
Band4-1.4MHz-16QAM-20175-6RB#0-1.098



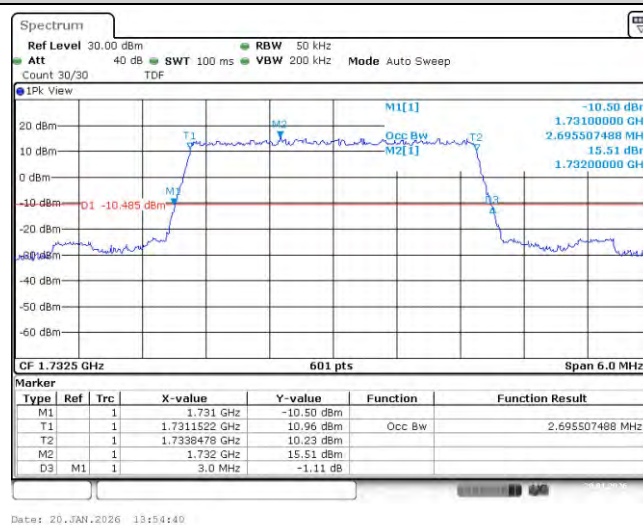
Band4-1.4MHz-16QAM-20393-6RB#0-1.098



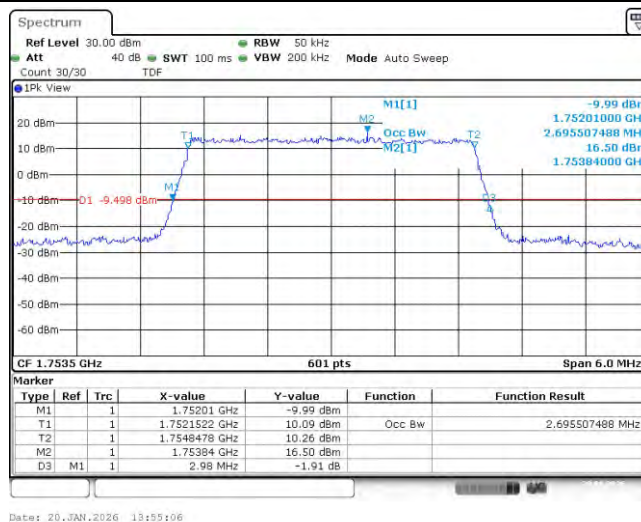
## Band4-3MHz-QPSK-19965-15RB#0-2.705



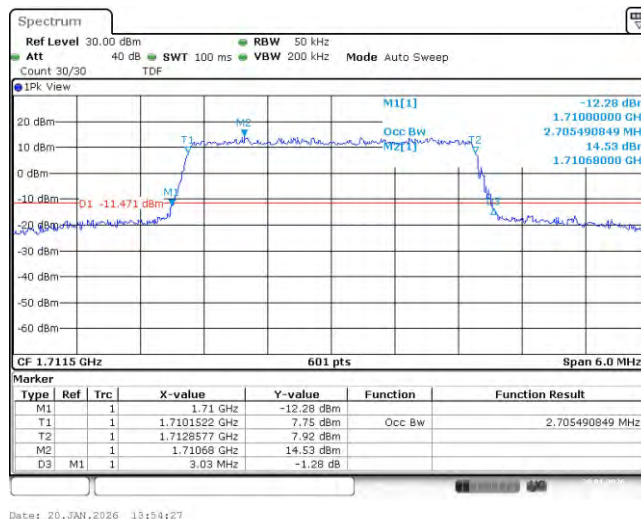
## Band4-3MHz-QPSK-20175-15RB#0-2.696



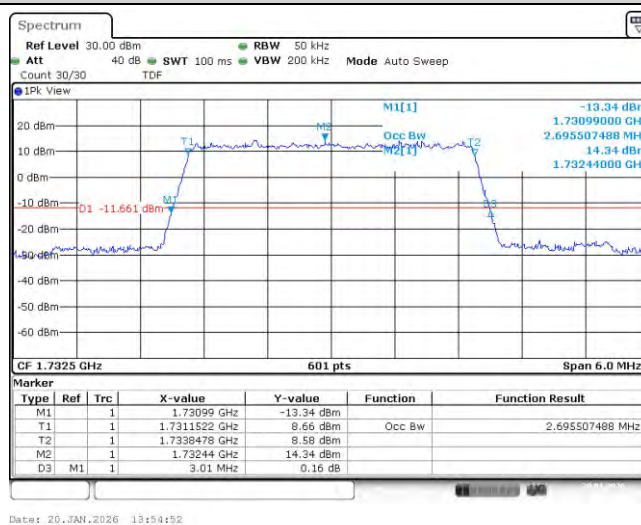
## Band4-3MHz-QPSK-20385-15RB#0-2.696



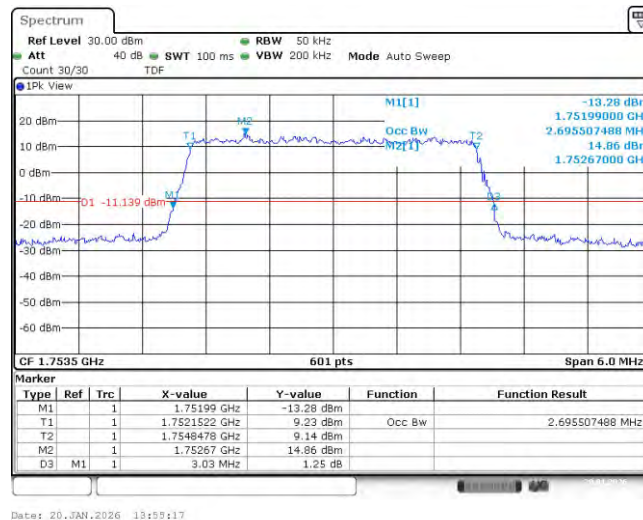
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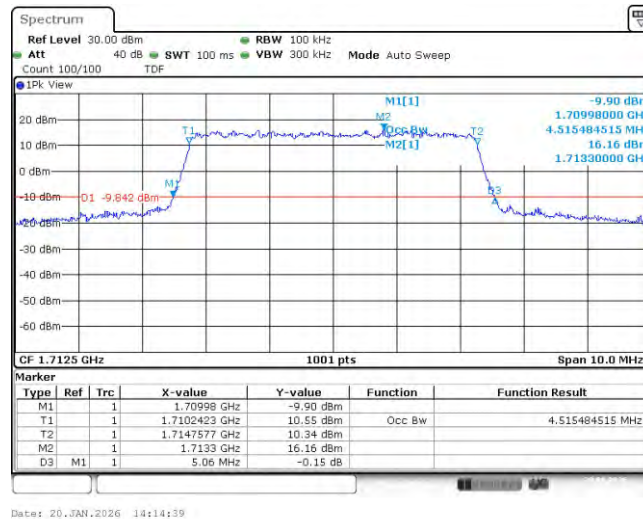
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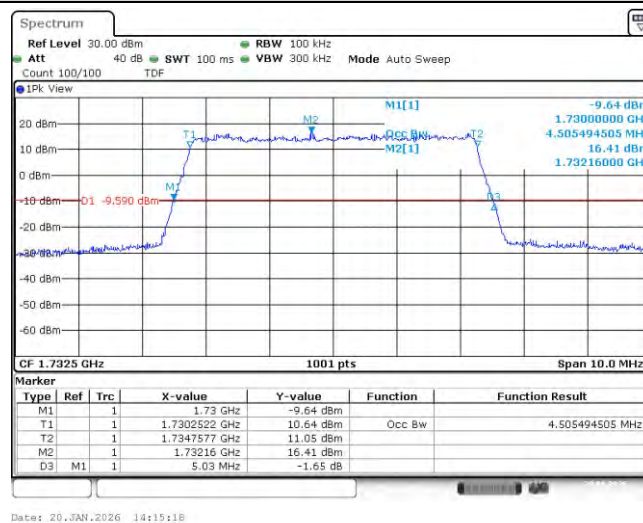
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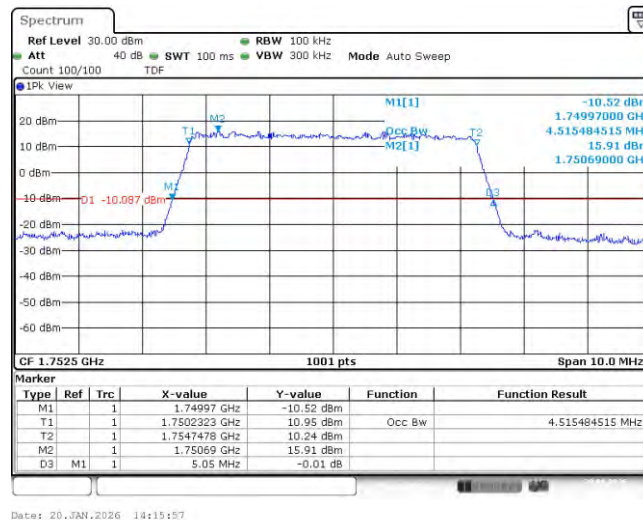
## Band4-5MHz-QPSK-19975-25RB#0-4.515



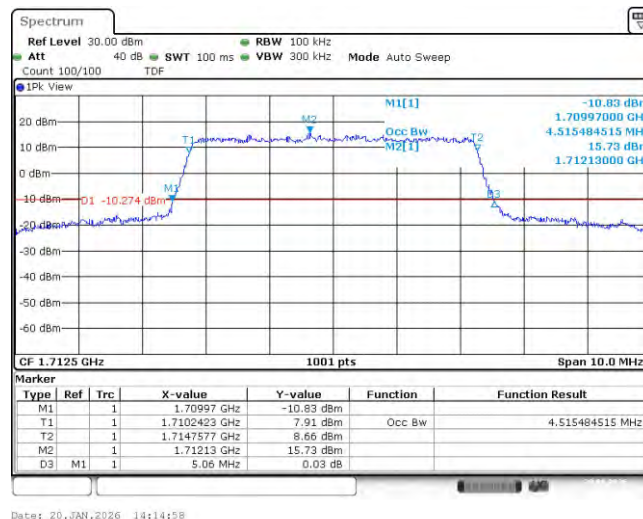
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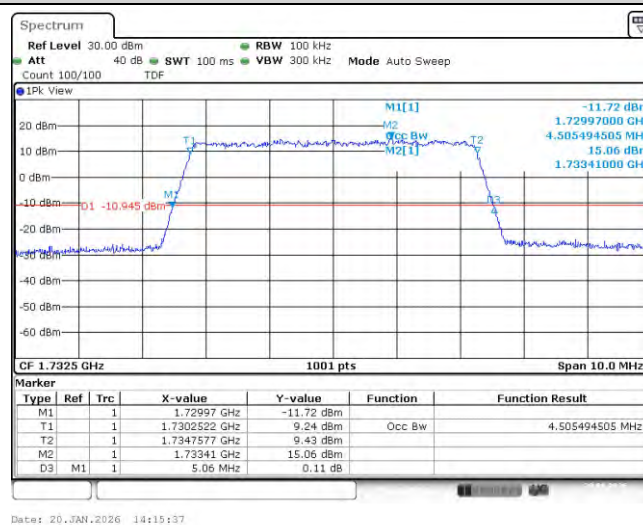
## Band4-5MHz-QPSK-20375-25RB#0-4.515



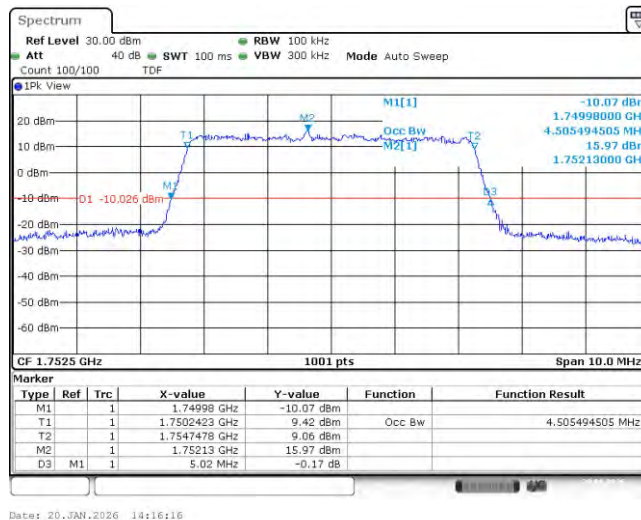
Band4-5MHz-16QAM-19975-25RB#0-4.515



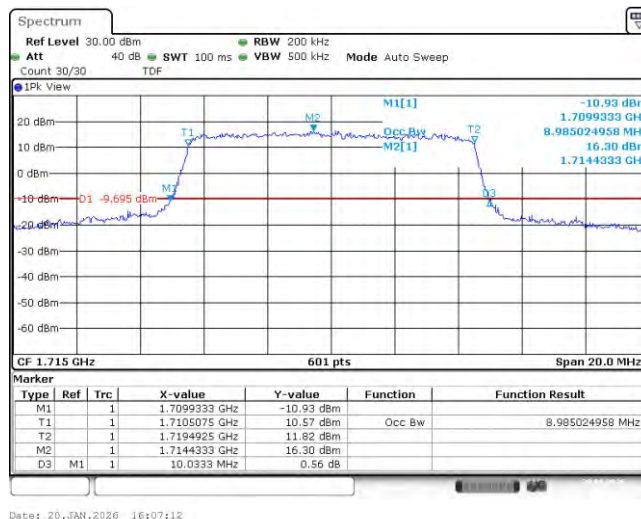
Band4-5MHz-16QAM-20175-25RB#0-4.505



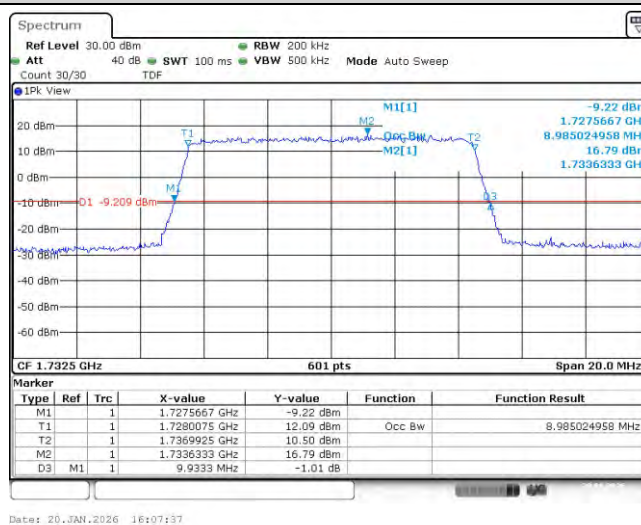
Band4-5MHz-16QAM-20375-25RB#0-4.505



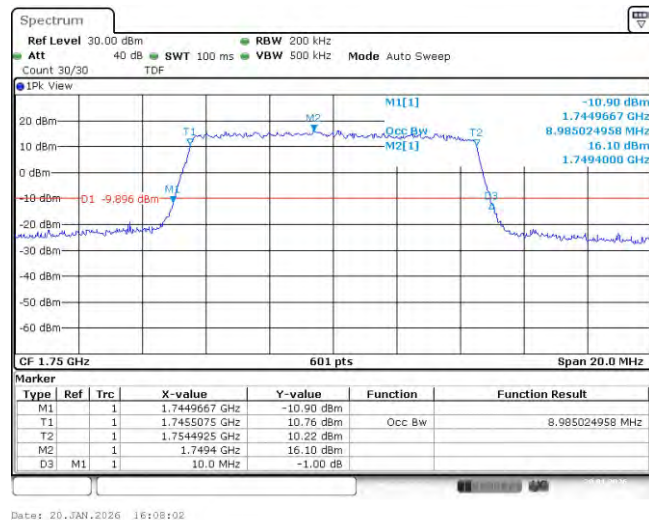
## Band4-10MHz-QPSK-20000-50RB#0-8.985



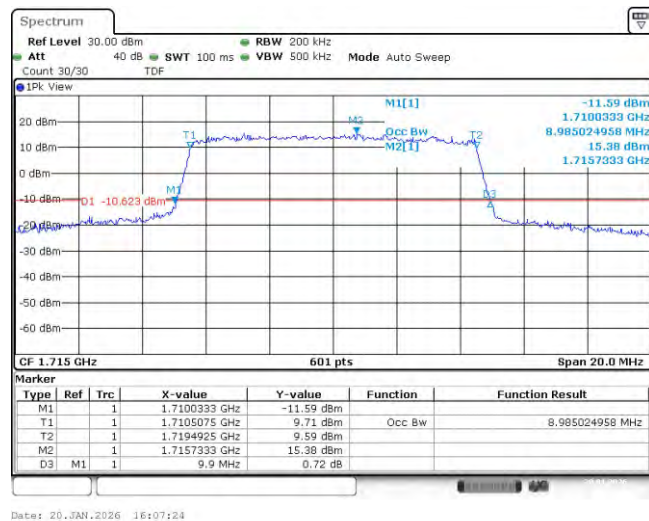
## Band4-10MHz-QPSK-20175-50RB#0-8.985



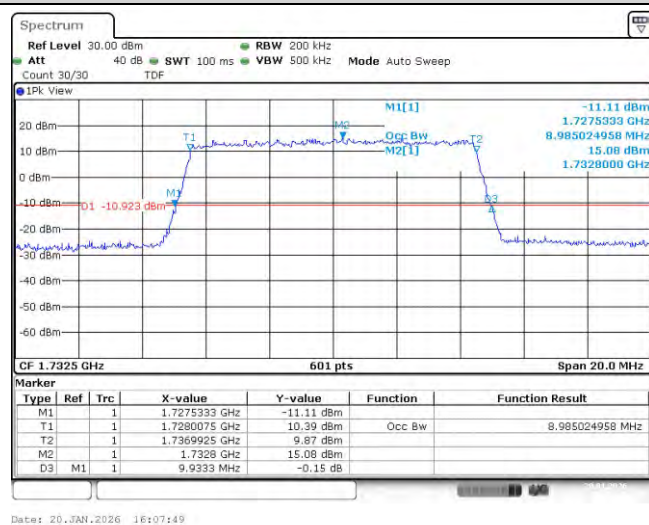
## Band4-10MHz-QPSK-20350-50RB#0-8.985



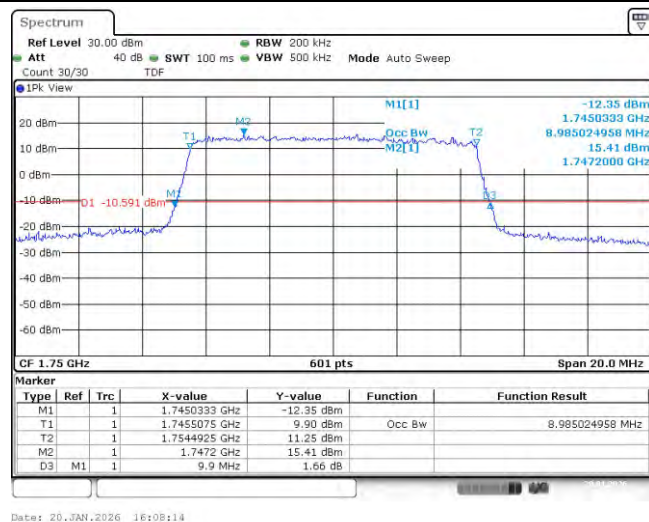
Band4-10MHz-16QAM-20000-50RB#0-8.985



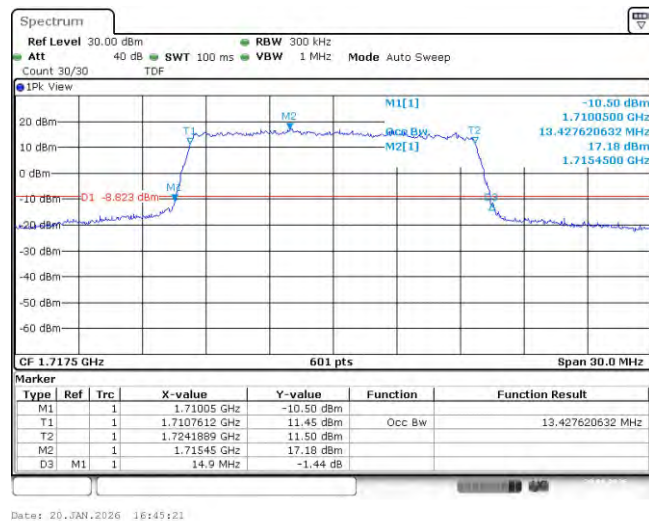
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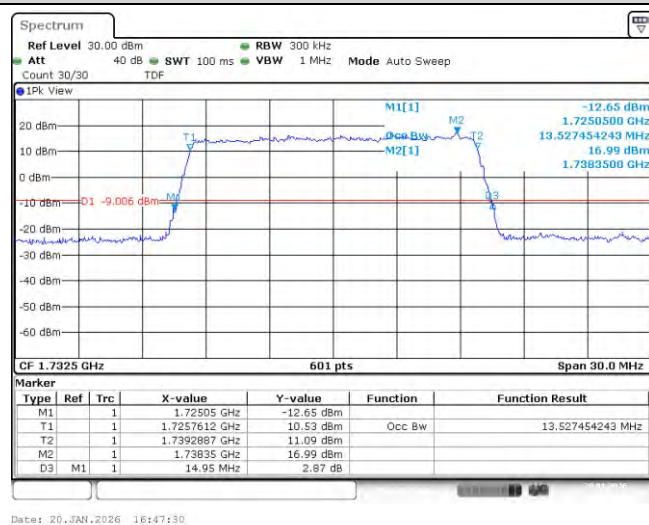
Band4-10MHz-16QAM-20350-50RB#0-8.985



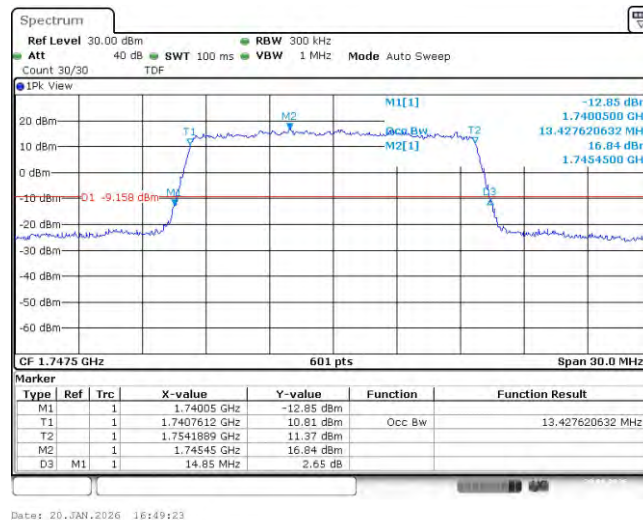
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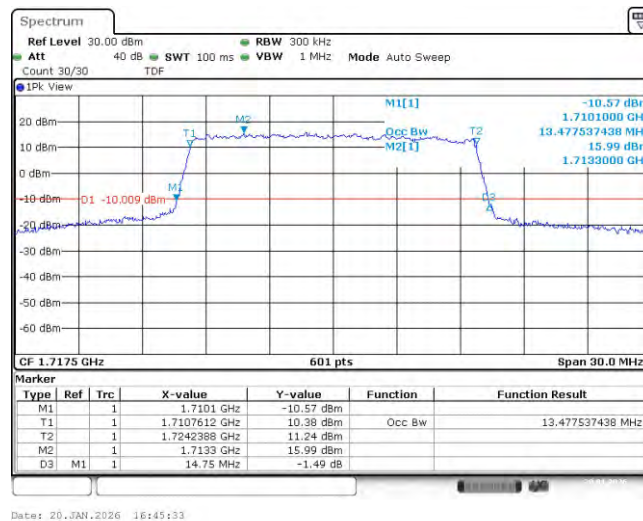
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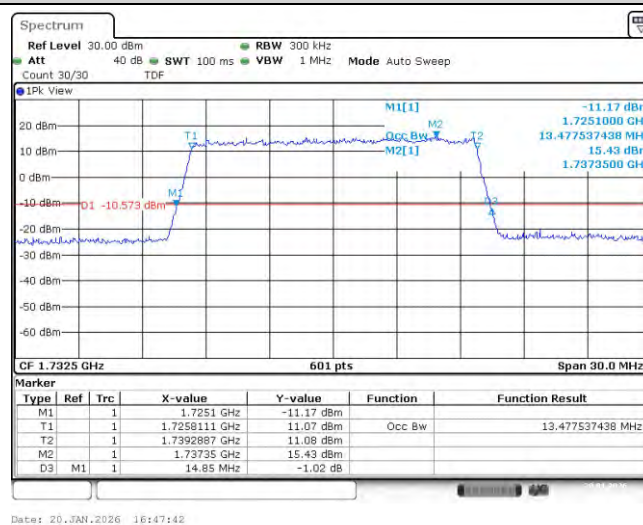
## Band4-15MHz-QPSK-20325-75RB#0-13.428



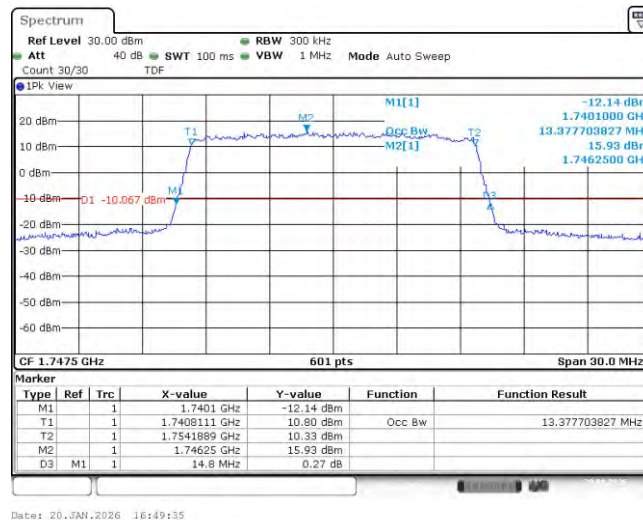
## Band4-15MHz-16QAM-20025-75RB#0-13.478



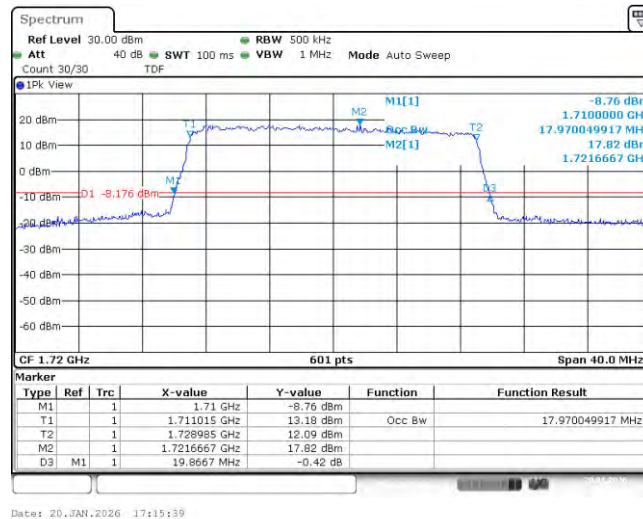
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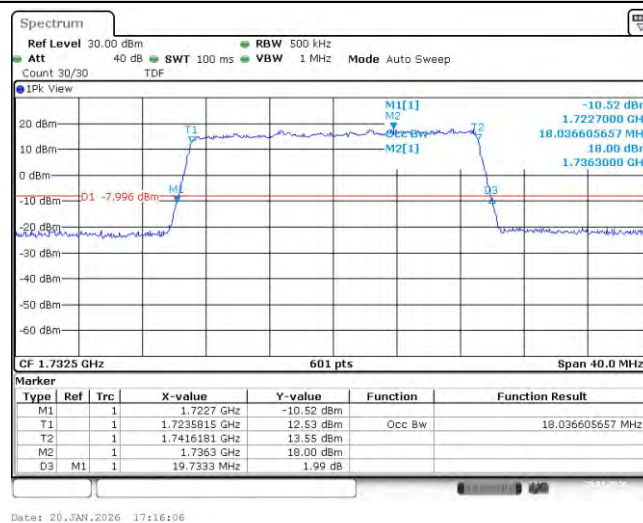
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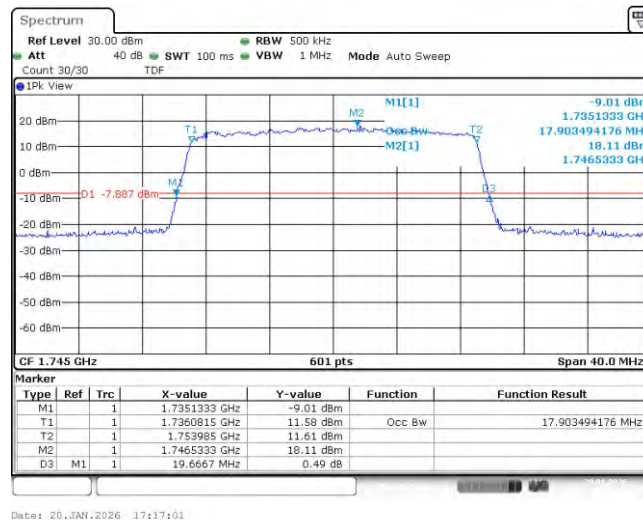
## Band4-20MHz-QPSK-20050-100RB#0-17.97



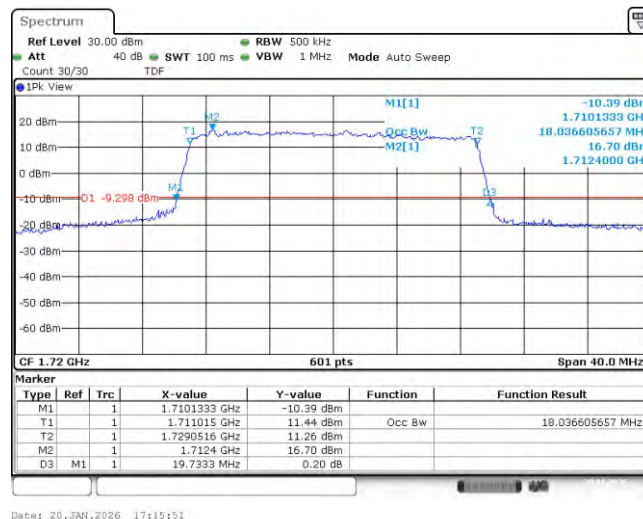
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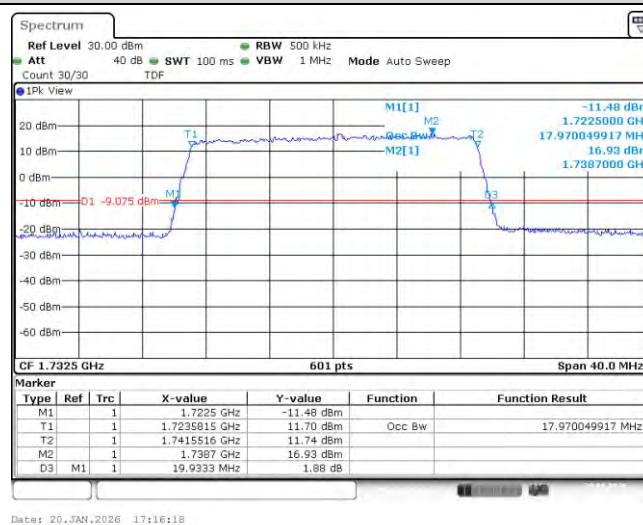
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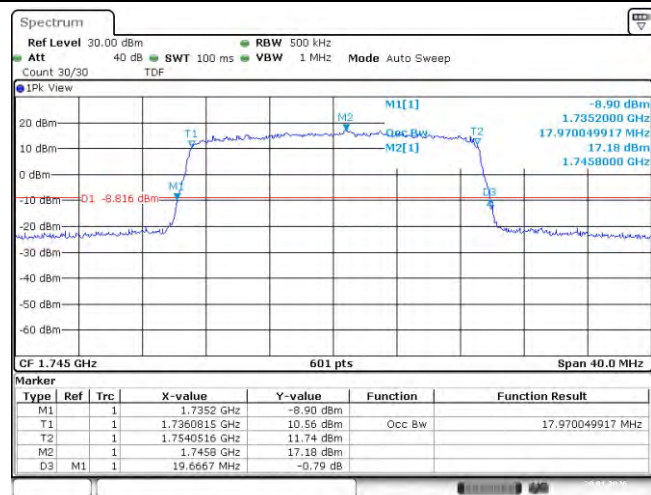
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## Band4-20MHz-16QAM-20175-100RB#0-17.97



## Band4-20MHz-16QAM-20300-100RB#0-17.97



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