

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

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | EIRP(dBm) | Limit(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|-----------|------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 20.56       | 12.09     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 20.46       | 11.99     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 20.52       | 18.05     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 22.61       | 20.14     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1            | 22.60       | 20.13     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 22.62       | 20.15     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 21.58       | 19.11     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 22.57       | 20.10     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 22.58       | 20.11     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 22.57       | 20.10     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 22.65       | 20.18     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1            | 22.65       | 20.18     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 22.62       | 20.15     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 21.63       | 19.16     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 22.44       | 19.97     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 22.32       | 19.85     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 22.28       | 19.81     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 22.55       | 20.08     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#1            | 22.54       | 20.07     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3            | 22.49       | 20.02     | 30.00      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 21.52       | 19.05     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 13.81       | 11.34     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 13.80       | 11.33     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 21.68       | 19.21     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0            | 21.43       | 18.96     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1            | 21.44       | 18.97     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3            | 21.51       | 19.04     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 21.64       | 19.17     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 22.10       | 19.63     | 30.00      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2            | 22.11       | 19.64     | 30.00      | PASS    |

|       |        |       |       |        |       |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5  | 22.07 | 19.60 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0  | 21.27 | 18.80 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1  | 21.16 | 18.69 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3  | 21.34 | 18.87 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | 21.84 | 19.37 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 21.74 | 19.27 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 21.64 | 19.17 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 21.79 | 19.32 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 21.15 | 18.68 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 21.14 | 18.67 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 21.06 | 18.59 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 21.43 | 18.96 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 22.23 | 19.76 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 22.28 | 19.81 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 22.30 | 19.83 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 21.34 | 18.87 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 21.44 | 18.97 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 21.38 | 18.91 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 21.47 | 19.00 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 22.59 | 20.12 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 22.44 | 19.97 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 22.54 | 20.07 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 21.61 | 19.14 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 21.62 | 19.15 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 21.65 | 19.18 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 21.67 | 19.20 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 22.59 | 20.12 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#8  | 22.54 | 20.07 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 22.54 | 20.07 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#0  | 21.61 | 19.14 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#4  | 21.60 | 19.13 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#7  | 21.58 | 19.11 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | 21.55 | 19.08 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 21.50 | 19.03 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#8  | 21.48 | 19.01 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#14 | 21.42 | 18.95 | 30.00 | PASS |

|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0   | 21.65 | 19.18 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4   | 21.68 | 19.21 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7   | 21.75 | 19.28 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0  | 21.57 | 19.10 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0   | 21.59 | 19.12 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8   | 21.72 | 19.25 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14  | 21.70 | 19.23 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0   | 21.72 | 19.25 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4   | 21.75 | 19.28 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7   | 21.78 | 19.31 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0  | 21.51 | 19.04 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0   | 21.80 | 19.33 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8   | 21.80 | 19.33 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14  | 21.79 | 19.32 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0   | 21.74 | 19.27 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 21.76 | 19.29 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 21.76 | 19.29 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 21.60 | 19.13 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 22.59 | 20.12 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 22.55 | 20.08 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 22.58 | 20.11 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 21.49 | 19.02 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 21.49 | 19.02 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 21.49 | 19.02 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 21.49 | 19.02 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 22.60 | 20.13 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 22.63 | 20.16 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 22.61 | 20.14 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 21.61 | 19.14 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 21.60 | 19.13 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 21.64 | 19.17 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 21.64 | 19.17 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 22.60 | 20.13 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 22.61 | 20.14 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 22.60 | 20.13 | 30.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 21.57 | 19.10 | 30.00 | PASS |

|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#6  | 21.59 | 19.12 | 30.00 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#13 | 21.56 | 19.09 | 30.00 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | 21.62 | 19.15 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#0   | 21.32 | 18.85 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#12  | 21.32 | 18.85 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#24  | 21.36 | 18.89 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#0  | 21.48 | 19.01 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#6  | 21.56 | 19.09 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#13 | 21.48 | 19.01 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0  | 21.59 | 19.12 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0   | 21.70 | 19.23 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#12  | 21.75 | 19.28 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#24  | 21.74 | 19.27 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#0  | 21.76 | 19.29 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#6  | 21.74 | 19.27 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#13 | 21.77 | 19.30 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | 21.55 | 19.08 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 21.54 | 19.07 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#12  | 21.49 | 19.02 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 21.59 | 19.12 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 21.70 | 19.23 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 21.73 | 19.26 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 21.72 | 19.25 | 30.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 21.64 | 19.17 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 22.32 | 19.85 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 22.39 | 19.92 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 22.46 | 19.99 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 21.48 | 19.01 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 21.48 | 19.01 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 21.54 | 19.07 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 21.50 | 19.03 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 22.57 | 20.10 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 22.53 | 20.06 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 22.63 | 20.16 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 21.58 | 19.11 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 21.58 | 19.11 | 30.00 | PASS |

|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 21.67 | 19.20 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 21.63 | 19.16 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 22.52 | 20.05 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 22.51 | 20.04 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 22.49 | 20.02 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 21.56 | 19.09 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 21.55 | 19.08 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 21.55 | 19.08 | 30.00 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 21.55 | 19.08 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 21.67 | 19.20 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 21.63 | 19.16 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 21.67 | 19.20 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 21.48 | 19.01 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 21.50 | 19.03 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 21.52 | 19.05 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 21.57 | 19.10 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 21.72 | 19.25 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 21.79 | 19.32 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 21.80 | 19.33 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 21.72 | 19.25 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 21.75 | 19.28 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.79 | 19.32 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 21.76 | 19.29 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 21.76 | 19.29 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 21.75 | 19.28 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 21.76 | 19.29 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 21.70 | 19.23 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 21.62 | 19.15 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.62 | 19.15 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 21.61 | 19.14 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 22.20 | 19.73 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 22.44 | 19.97 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 22.48 | 20.01 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 21.50 | 19.03 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 21.44 | 18.97 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 21.43 | 18.96 | 30.00 | PASS |

|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 21.49 | 19.02 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 22.64 | 20.17 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 22.62 | 20.15 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 22.67 | 20.20 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 21.59 | 19.12 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 21.60 | 19.13 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 21.57 | 19.10 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 21.57 | 19.10 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 22.52 | 20.05 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 22.50 | 20.03 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 22.51 | 20.04 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 21.62 | 19.15 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 21.62 | 19.15 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 21.61 | 19.14 | 30.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 21.59 | 19.12 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 21.60 | 19.13 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 21.59 | 19.12 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 21.66 | 19.19 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 21.47 | 19.00 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 21.44 | 18.97 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 21.51 | 19.04 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 21.57 | 19.10 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 21.83 | 19.36 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 21.95 | 19.48 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 22.01 | 19.54 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 21.61 | 19.14 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.58 | 19.11 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 21.61 | 19.14 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 21.67 | 19.20 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 21.75 | 19.28 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 21.81 | 19.34 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 21.77 | 19.30 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 21.58 | 19.11 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 21.59 | 19.12 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 21.65 | 19.18 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 21.64 | 19.17 | 30.00 | PASS |

|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 22.43 | 19.96 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 22.60 | 20.13 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 22.55 | 20.08 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 21.44 | 18.97 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 21.45 | 18.98 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 21.54 | 19.07 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 21.52 | 19.05 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 22.70 | 20.23 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 22.68 | 20.21 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 22.73 | 20.26 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 21.52 | 19.05 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 21.51 | 19.04 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 21.55 | 19.08 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 21.54 | 19.07 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 22.45 | 19.98 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 22.48 | 20.01 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 22.45 | 19.98 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 21.54 | 19.07 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 21.53 | 19.06 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 21.54 | 19.07 | 30.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 21.56 | 19.09 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 21.35 | 18.88 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 21.44 | 18.97 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 21.48 | 19.01 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 21.53 | 19.06 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 21.56 | 19.09 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 21.60 | 19.13 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 21.60 | 19.13 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 21.75 | 19.28 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 21.79 | 19.32 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 21.83 | 19.36 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 21.54 | 19.07 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 21.52 | 19.05 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 21.54 | 19.07 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 21.62 | 19.15 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 21.44 | 18.97 | 30.00 | PASS |

|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 21.54 | 19.07 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 21.48 | 19.01 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 21.65 | 19.18 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 21.59 | 19.12 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 21.68 | 19.21 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 21.61 | 19.14 | 30.00 | PASS |

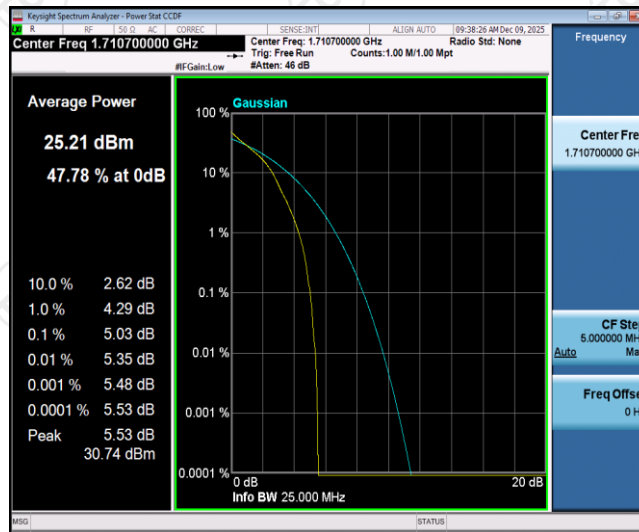
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

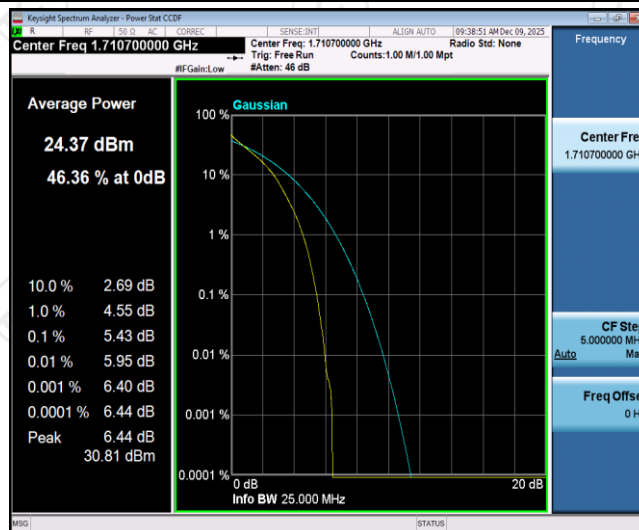
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 5.03       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 5.43       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 5.24       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 5.87       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 4.64       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 5.10       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 5.74       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 5.58       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 5.94       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 6.17       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 5.45       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 5.43       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 5.13       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 5.55       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 5.52       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 5.83       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | 4.58       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 5.19       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 5.79       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 5.99       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 6.46       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 6.34       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | 5.35       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 5.56       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | 4.91       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 5.51       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | 5.64       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 5.76       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | 4.69       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 5.06       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | 5.67       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 5.89       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 1RB#0            | 6.13       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 6.18       | 13        | PASS    |

|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 5.55 | 13 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 5.49 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 5.01 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 5.56 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 5.63 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 5.75 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 4.73 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 5.20 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 5.75 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 6.04 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 6.42 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 6.25 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 5.50 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 5.61 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 5.02 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 6.04 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 5.67 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 6.02 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 5.08 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 5.62 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 5.75 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 6.29 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 6.38 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 6.30 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 5.85 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 5.85 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 5.13 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 5.80 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 5.40 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 5.70 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 5.44 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 5.51 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 5.85 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 6.35 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 6.13 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 6.31 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 6.51 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 5.99 | 13 | PASS |

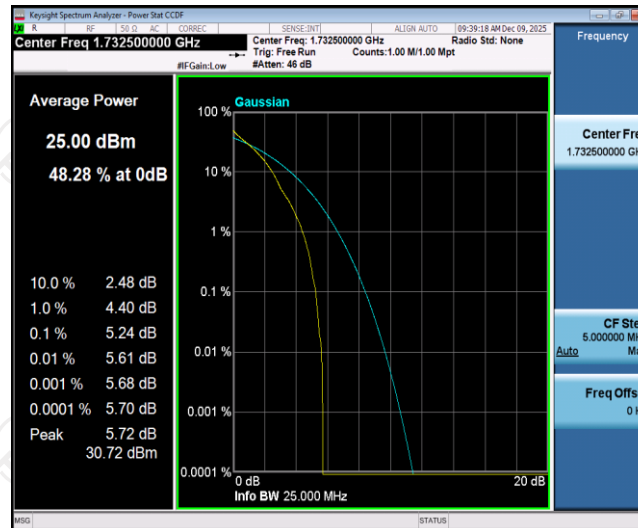
## Test Graphs



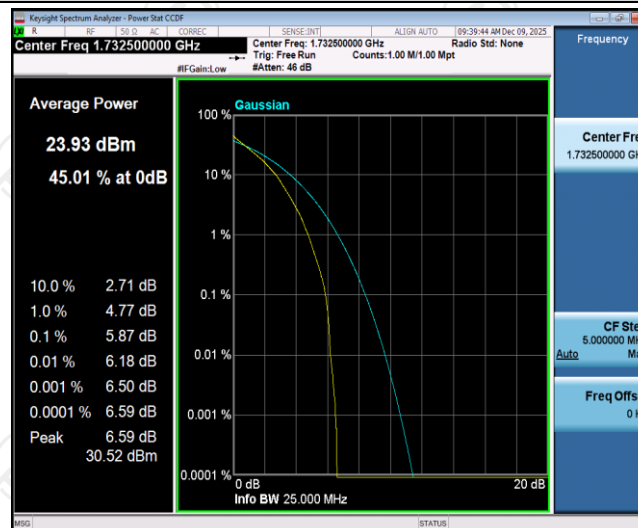
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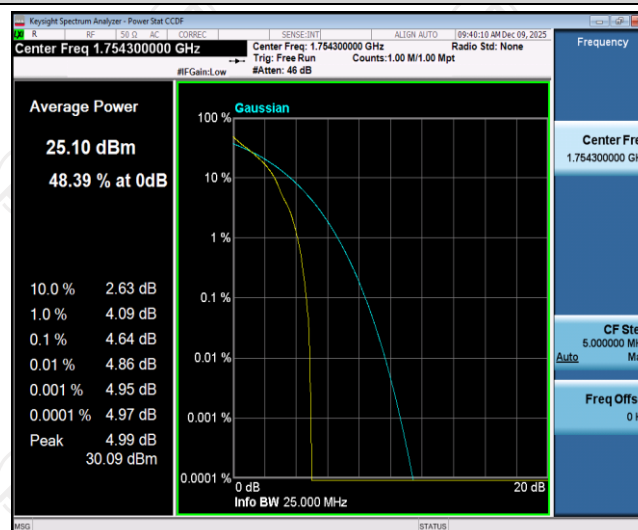
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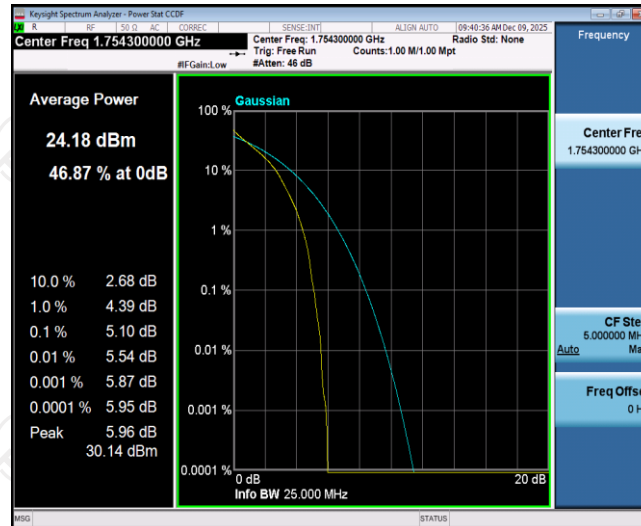
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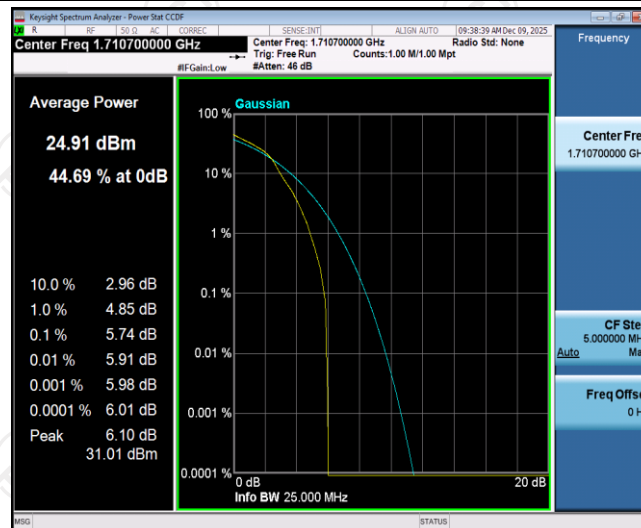
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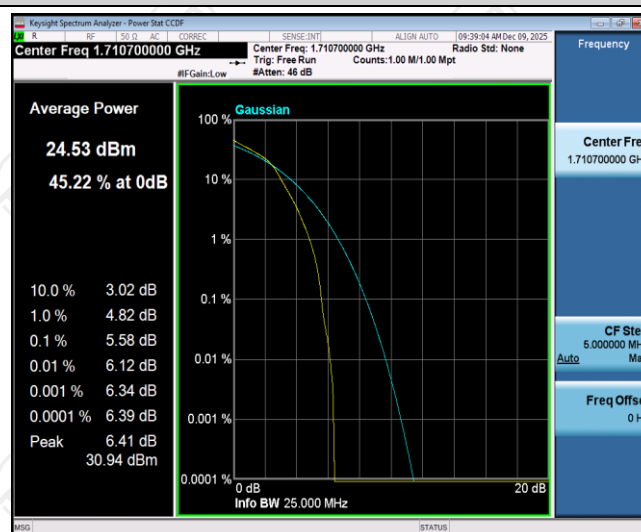
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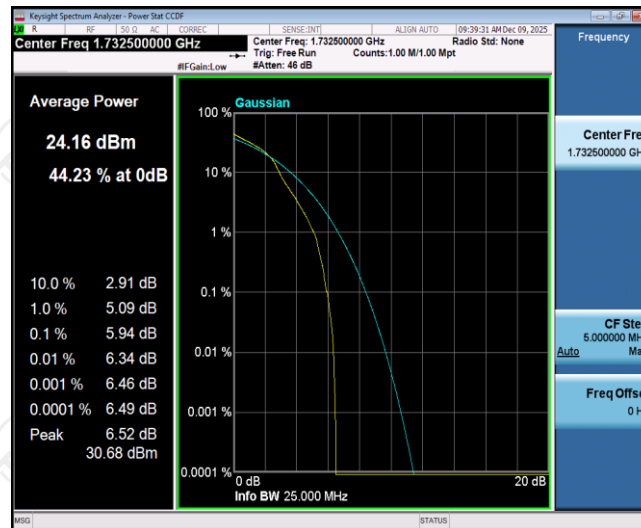
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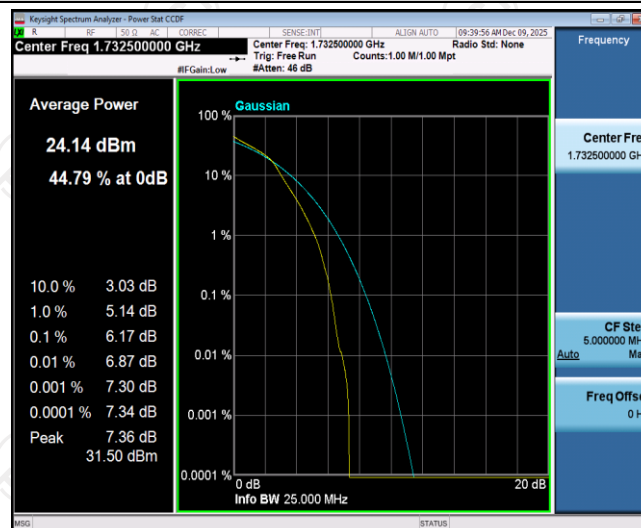
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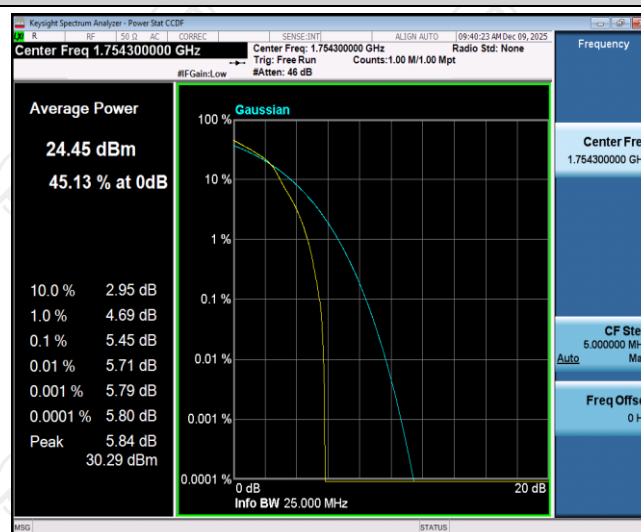
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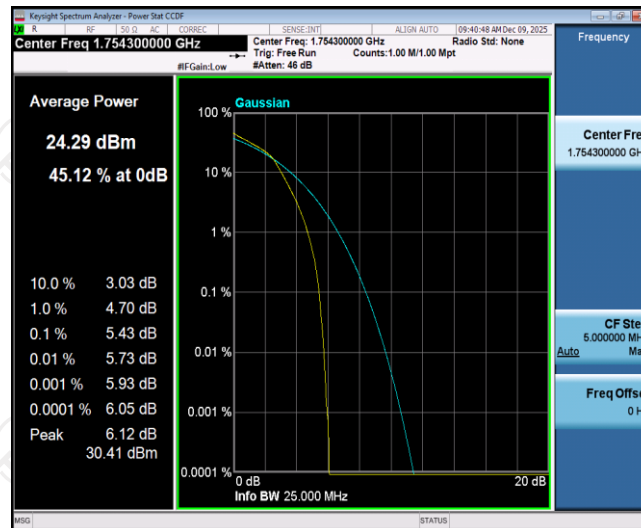
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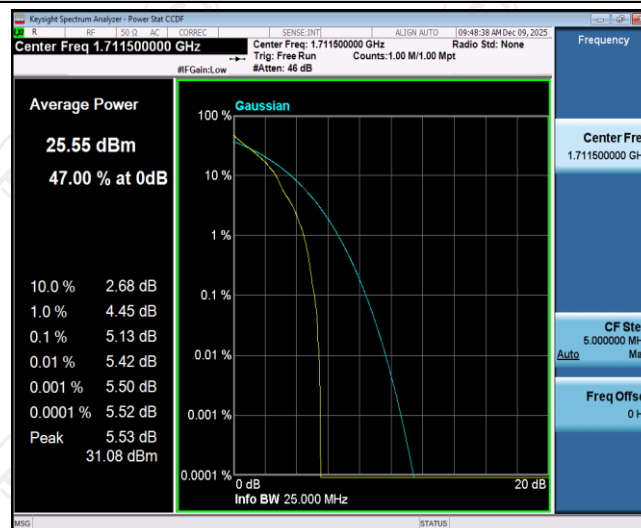
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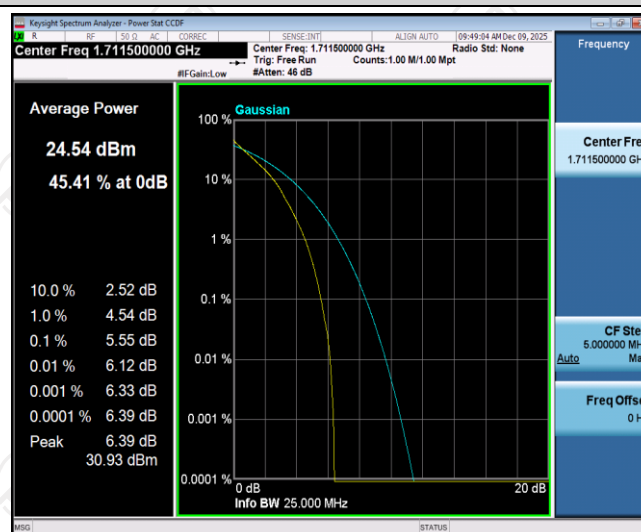
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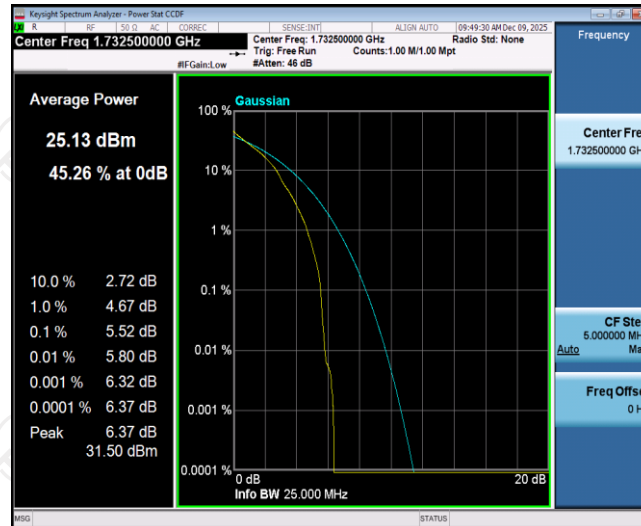
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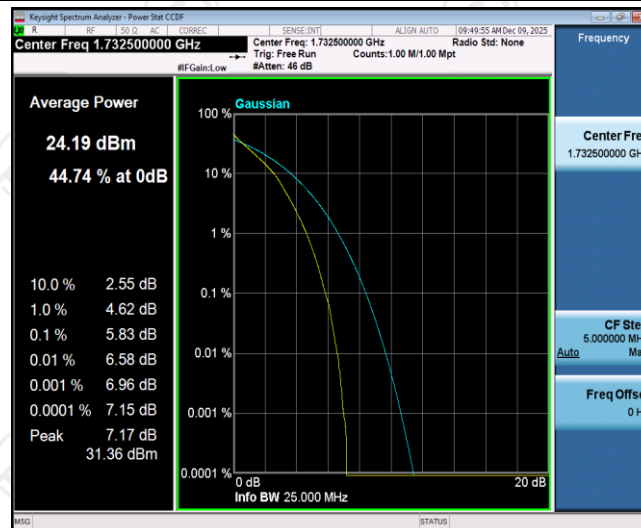
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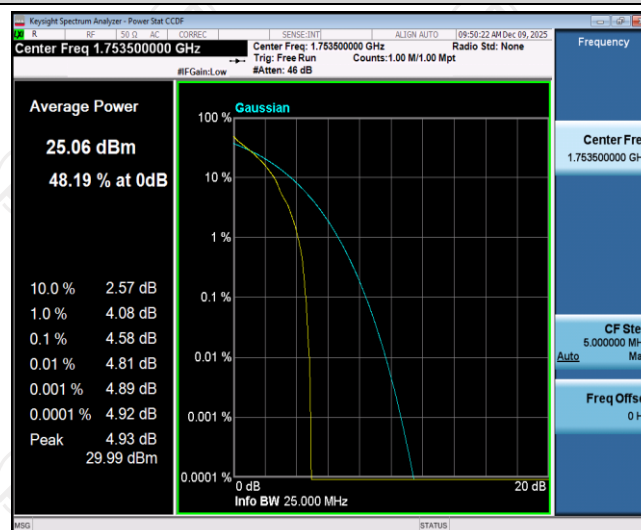
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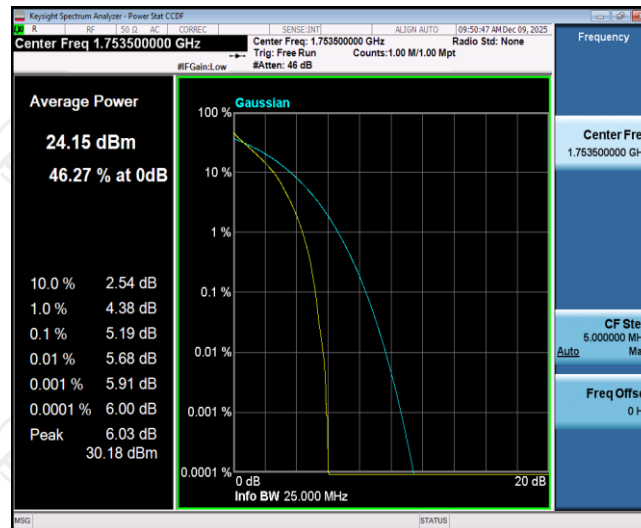
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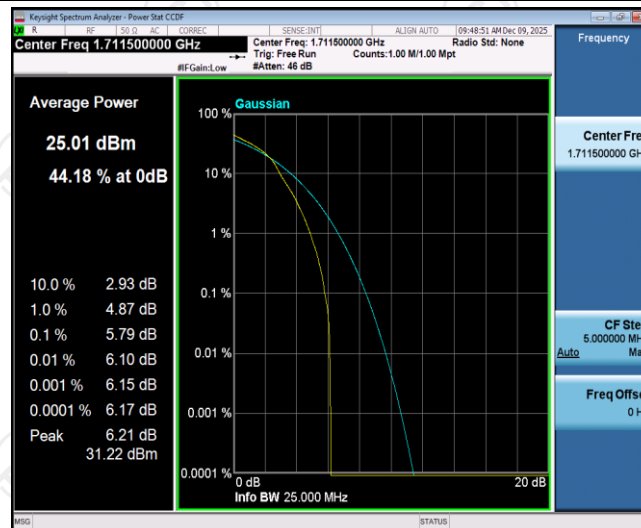
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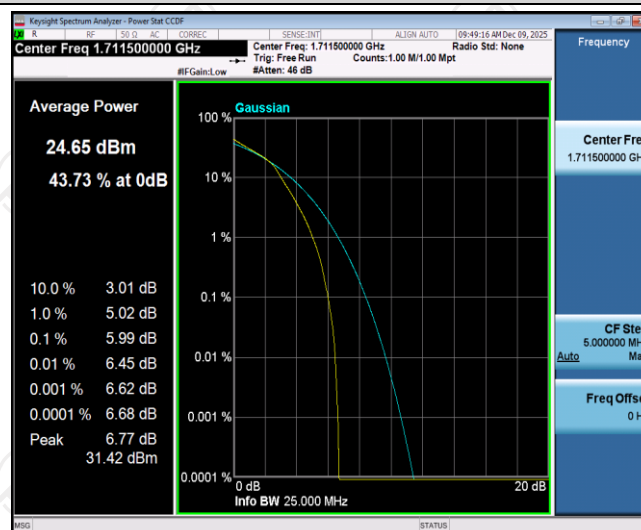
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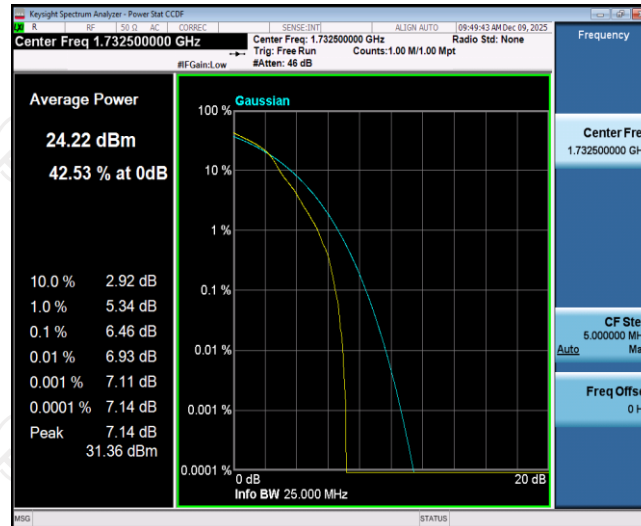
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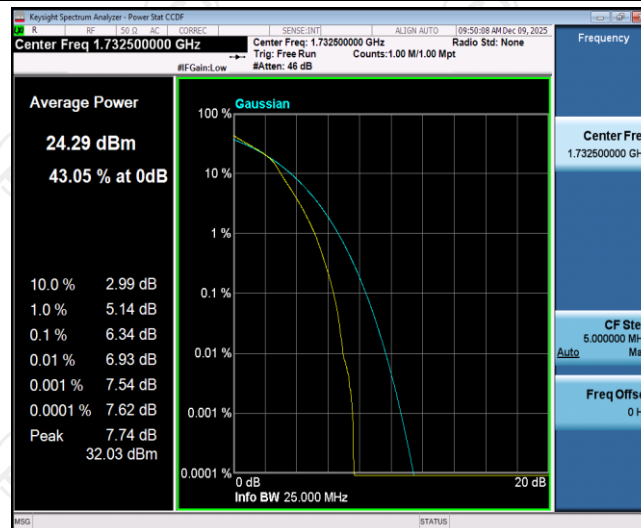
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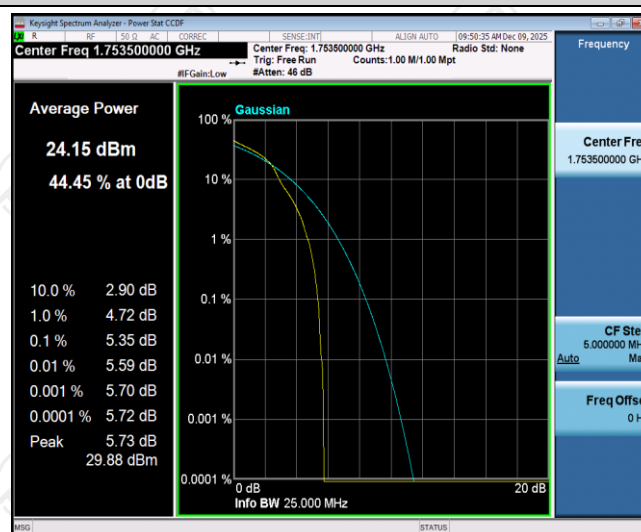
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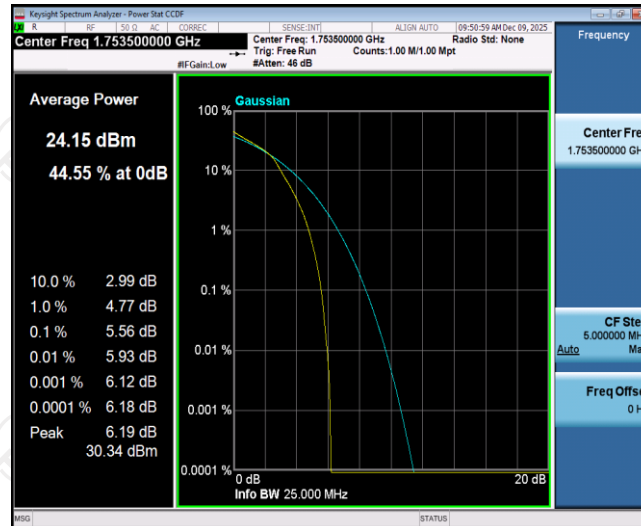
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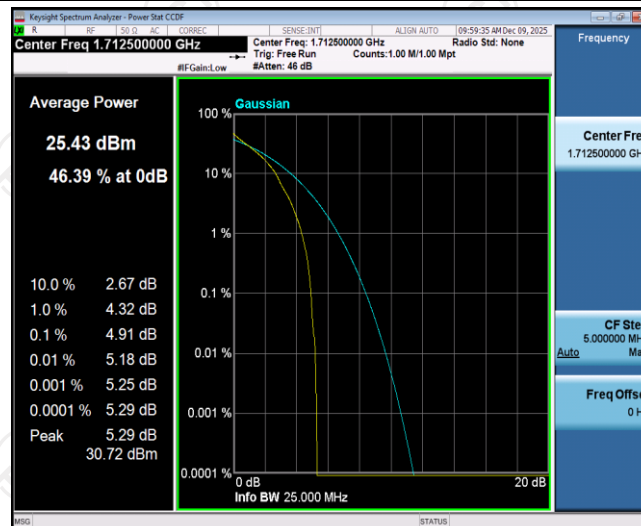
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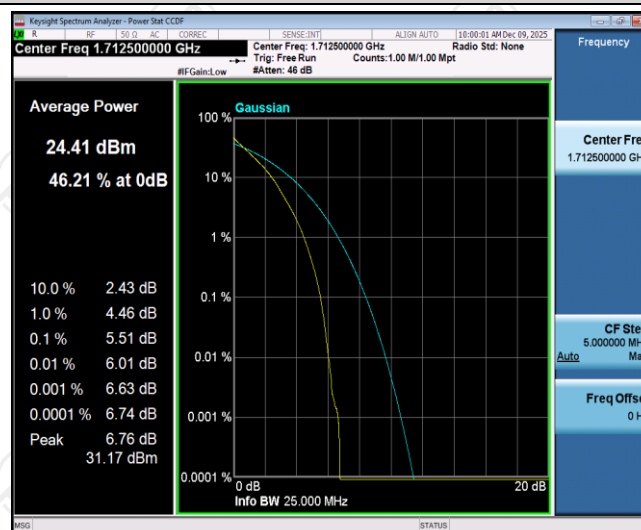
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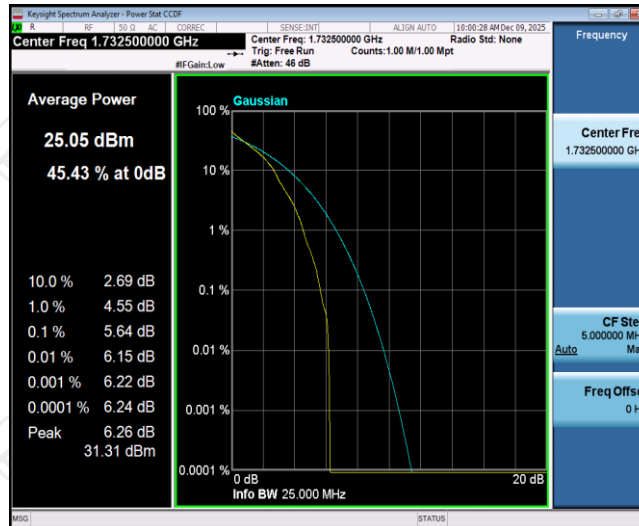
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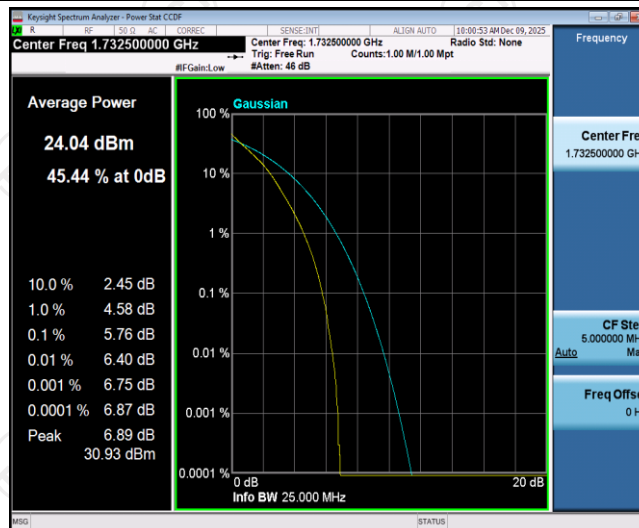
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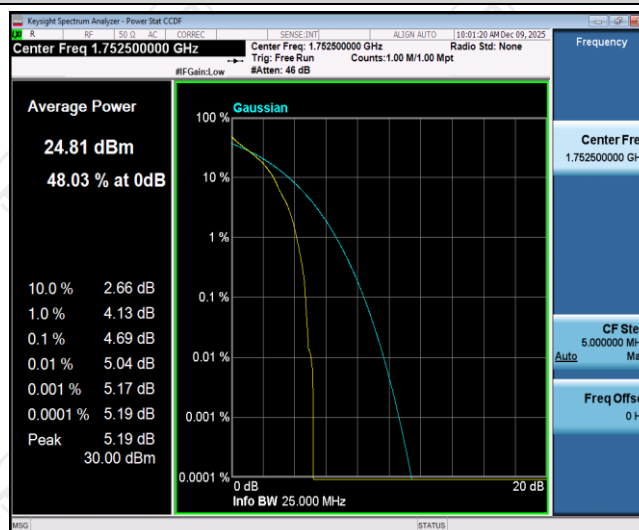
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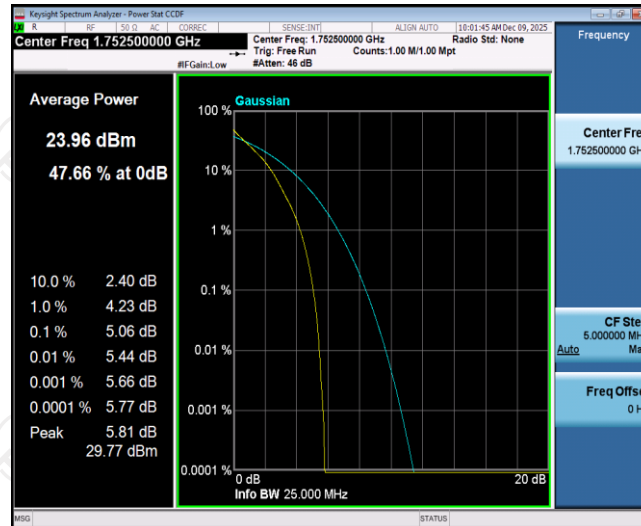
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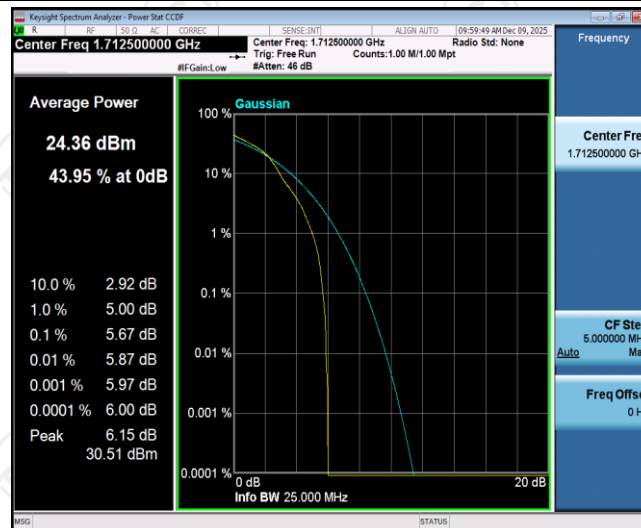
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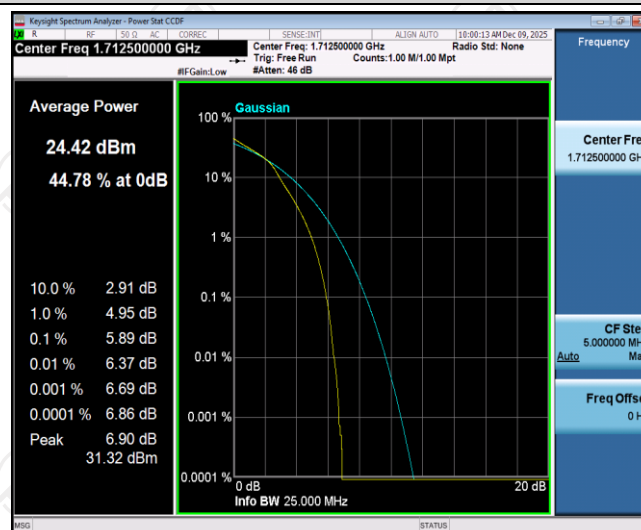
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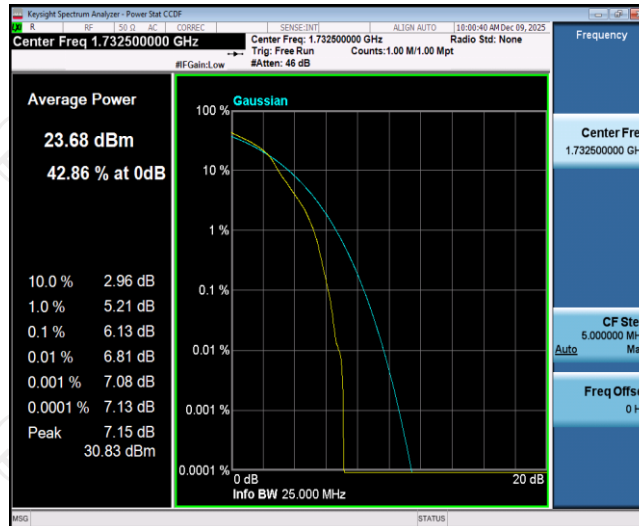
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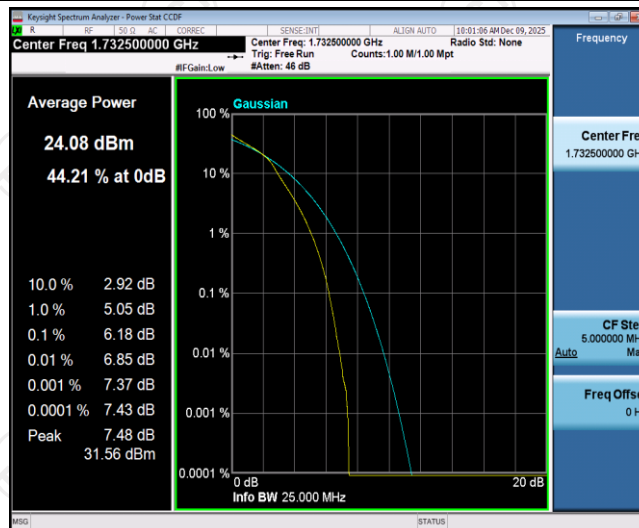
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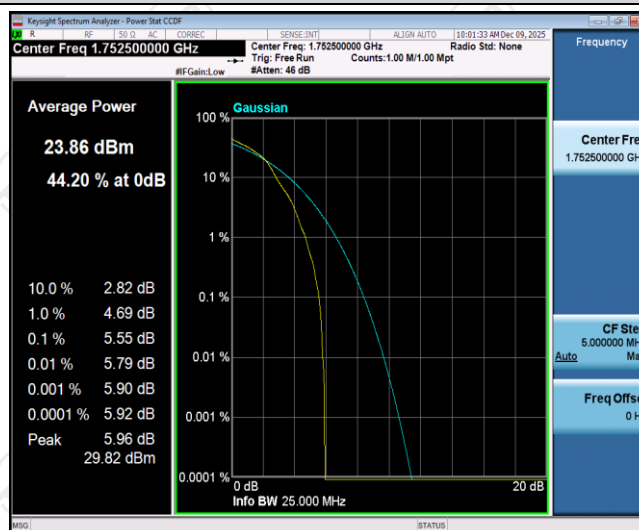
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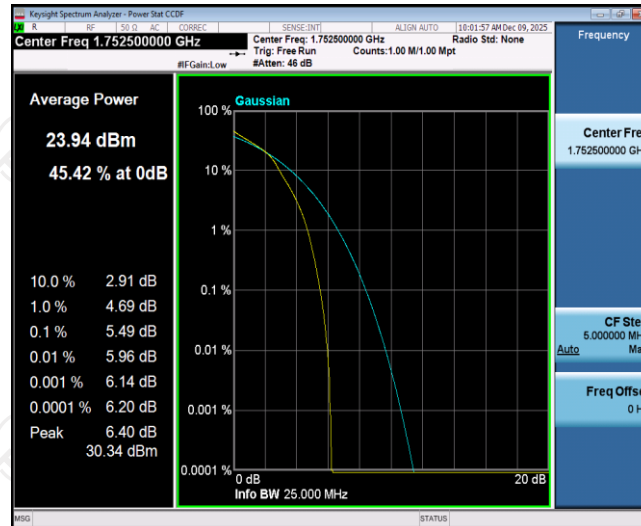
Band4-5MHz-16QAM-20175-1RB#0



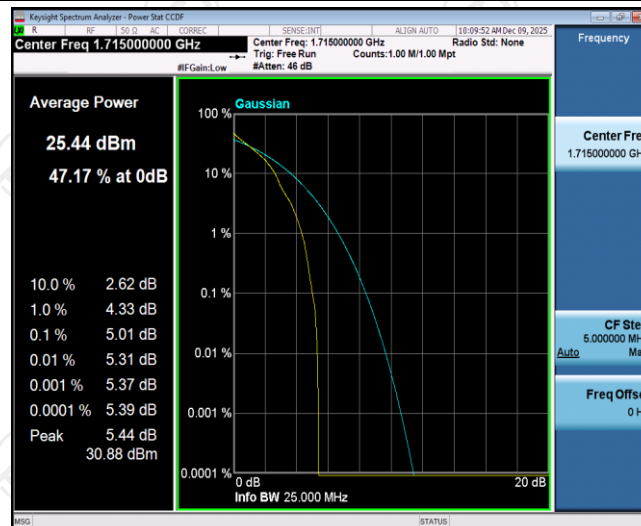
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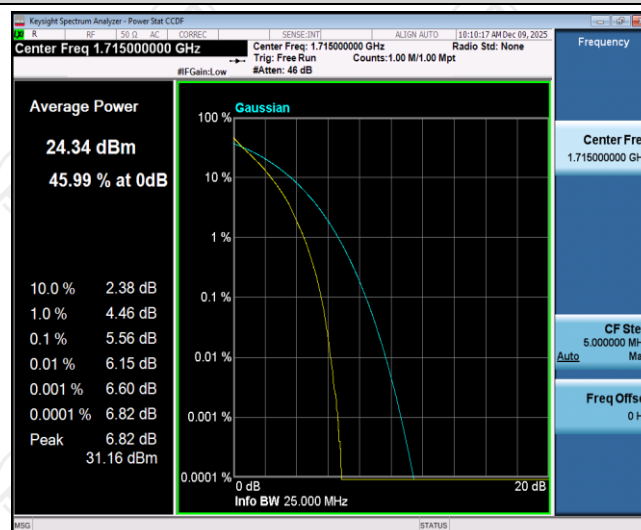
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Band4-5MHz-16QAM-20375-25RB#0



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



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