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

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | Gain (dBi) | E.I.R.P (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#0 | 21.96 | -2.29 | 19.67 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#2 | 22.04 | -2.29 | 19.75 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#5 | 22.01 | -2.29 | 19.72 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#0 | 22.12 | -2.29 | 19.83 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#1 | 22.10 | -2.29 | 19.81 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#3 | 22.07 | -2.29 | 19.78 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | 21.11 | -2.29 | 18.82 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#0 | 22.05 | -2.29 | 19.76 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#2 | 22.12 | -2.29 | 19.83 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#5 | 22.09 | -2.29 | 19.80 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#0 | 21.98 | -2.29 | 19.69 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#1 | 21.98 | -2.29 | 19.69 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#3 | 21.96 | -2.29 | 19.67 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 20.98 | -2.29 | 18.69 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | 21.95 | -2.29 | 19.66 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#2 | 21.92 | -2.29 | 19.63 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#5 | 21.90 | -2.29 | 19.61 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#0 | 21.90 | -2.29 | 19.61 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#1 | 21.92 | -2.29 | 19.63 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#3 | 21.91 | -2.29 | 19.62 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | 20.83 | -2.29 | 18.54 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | 20.88 | -2.29 | 18.59 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#2 | 21.26 | -2.29 | 18.97 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5 | 20.98 | -2.29 | 18.69 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#0 | 21.08 | -2.29 | 18.79 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#1 | 21.18 | -2.29 | 18.89 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#3 | 21.07 | -2.29 | 18.78 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 20.02 | -2.29 | 17.73 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0 | 20.94 | -2.29 | 18.65 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2 | 21.13 | -2.29 | 18.84 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5 | 21.05 | -2.29 | 18.76 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0 | 20.85 | -2.29 | 18.56 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1 | 21.07 | -2.29 | 18.78 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3 | 20.96 | -2.29 | 18.67 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 19.94 | -2.29 | 17.65 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | 21.13 | -2.29 | 18.84 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2 | 20.99 | -2.29 | 18.70 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | 21.08 | -2.29 | 18.79 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0 | 20.94 | -2.29 | 18.65 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1 | 20.85 | -2.29 | 18.56 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3 | 20.92 | -2.29 | 18.63 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 19.81 | -2.29 | 17.52 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#0 | 22.17 | -2.29 | 19.88 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#8 | 22.10 | -2.29 | 19.81 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#14 | 22.24 | -2.29 | 19.95 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#0 | 21.10 | -2.29 | 18.81 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#4 | 21.11 | -2.29 | 18.82 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#7 | 21.13 | -2.29 | 18.84 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | 21.07 | -2.29 | 18.78 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#0 | 22.14 | -2.29 | 19.85 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#8 | 22.15 | -2.29 | 19.86 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#14 | 22.12 | -2.29 | 19.83 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#0 | 21.03 | -2.29 | 18.74 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#4 | 20.94 | -2.29 | 18.65 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#7 | 21.04 | -2.29 | 18.75 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 21.03 | -2.29 | 18.74 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#0 | 21.93 | -2.29 | 19.64 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#8 | 21.77 | -2.29 | 19.48 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#14 | 21.90 | -2.29 | 19.61 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#0 | 20.97 | -2.29 | 18.68 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#4 | 20.97 | -2.29 | 18.68 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#7 | 20.89 | -2.29 | 18.60 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | 20.94 | -2.29 | 18.65 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0 | 21.05 | -2.29 | 18.76 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#8 | 20.92 | -2.29 | 18.63 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14 | 21.09 | -2.29 | 18.80 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0 | 20.04 | -2.29 | 17.75 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4 | 20.07 | -2.29 | 17.78 | PASS |



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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7 | 20.07 | -2.29 | 17.78 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 20.10 | -2.29 | 17.81 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0 | 20.99 | -2.29 | 18.70 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8 | 21.07 | -2.29 | 18.78 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14 | 21.04 | -2.29 | 18.75 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0 | 19.98 | -2.29 | 17.69 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4 | 19.93 | -2.29 | 17.64 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7 | 20.05 | -2.29 | 17.76 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 19.97 | -2.29 | 17.68 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0 | 20.65 | -2.29 | 18.36 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8 | 20.84 | -2.29 | 18.55 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | 20.80 | -2.29 | 18.51 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0 | 19.85 | -2.29 | 17.56 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4 | 19.97 | -2.29 | 17.68 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7 | 19.89 | -2.29 | 17.60 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 19.95 | -2.29 | 17.66 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#0 | 21.96 | -2.29 | 19.67 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#12 | 22.11 | -2.29 | 19.82 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#24 | 21.88 | -2.29 | 19.59 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#0 | 21.09 | -2.29 | 18.80 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#6 | 21.10 | -2.29 | 18.81 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#13 | 21.00 | -2.29 | 18.71 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | 21.10 | -2.29 | 18.81 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#0 | 21.82 | -2.29 | 19.53 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#12 | 22.01 | -2.29 | 19.72 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#24 | 21.91 | -2.29 | 19.62 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#0 | 20.97 | -2.29 | 18.68 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#6 | 20.89 | -2.29 | 18.60 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#13 | 20.95 | -2.29 | 18.66 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 25RB#0 | 20.91 | -2.29 | 18.62 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#0 | 21.99 | -2.29 | 19.70 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#12 | 22.05 | -2.29 | 19.76 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#24 | 21.86 | -2.29 | 19.57 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#0 | 21.12 | -2.29 | 18.83 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#6 | 21.05 | -2.29 | 18.76 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#13 | 21.10 | -2.29 | 18.81 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | 21.09 | -2.29 | 18.80 | PASS |



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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0 | 21.12 | -2.29 | 18.83 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12 | 21.09 | -2.29 | 18.80 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24 | 21.10 | -2.29 | 18.81 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0 | 20.08 | -2.29 | 17.79 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6 | 20.00 | -2.29 | 17.71 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 19.90 | -2.29 | 17.61 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 20.01 | -2.29 | 17.72 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0 | 21.02 | -2.29 | 18.73 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12 | 21.11 | -2.29 | 18.82 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24 | 21.17 | -2.29 | 18.88 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0 | 19.95 | -2.29 | 17.66 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6 | 19.93 | -2.29 | 17.64 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 19.87 | -2.29 | 17.58 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 19.90 | -2.29 | 17.61 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0 | 21.11 | -2.29 | 18.82 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#12 | 21.18 | -2.29 | 18.89 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24 | 21.16 | -2.29 | 18.87 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0 | 19.93 | -2.29 | 17.64 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#6 | 20.02 | -2.29 | 17.73 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#13 | 20.01 | -2.29 | 17.72 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | 20.01 | -2.29 | 17.72 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#0 | 22.20 | -2.29 | 19.91 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#24 | 22.29 | -2.29 | 20.00 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#49 | 22.15 | -2.29 | 19.86 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#0 | 21.16 | -2.29 | 18.87 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#12 | 21.07 | -2.29 | 18.78 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#25 | 21.04 | -2.29 | 18.75 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | 21.10 | -2.29 | 18.81 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#0 | 22.13 | -2.29 | 19.84 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#24 | 22.25 | -2.29 | 19.96 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#49 | 22.20 | -2.29 | 19.91 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#0 | 21.01 | -2.29 | 18.72 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#12 | 20.99 | -2.29 | 18.70 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#25 | 21.03 | -2.29 | 18.74 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 20.93 | -2.29 | 18.64 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#0 | 22.06 | -2.29 | 19.77 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#24 | 22.07 | -2.29 | 19.78 | PASS |



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|---|---|---|---|---|---|---|---|---|
| Band4 | 10MHz | QPSK | 20350 | 1RB#49 | 21.99 | -2.29 | 19.70 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#0 | 21.16 | -2.29 | 18.87 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#12 | 21.17 | -2.29 | 18.88 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#25 | 21.10 | -2.29 | 18.81 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | 21.05 | -2.29 | 18.76 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 21.04 | -2.29 | 18.75 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24 | 21.32 | -2.29 | 19.03 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49 | 21.13 | -2.29 | 18.84 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0 | 20.09 | -2.29 | 17.80 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 20.08 | -2.29 | 17.79 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 20.06 | -2.29 | 17.77 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 20.06 | -2.29 | 17.77 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 21.12 | -2.29 | 18.83 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24 | 21.45 | -2.29 | 19.16 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49 | 21.08 | -2.29 | 18.79 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0 | 19.91 | -2.29 | 17.62 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 19.99 | -2.29 | 17.70 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 19.92 | -2.29 | 17.63 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 19.92 | -2.29 | 17.63 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 21.09 | -2.29 | 18.80 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24 | 21.36 | -2.29 | 19.07 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49 | 21.16 | -2.29 | 18.87 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0 | 20.06 | -2.29 | 17.77 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 20.05 | -2.29 | 17.76 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 20.07 | -2.29 | 17.78 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 20.04 | -2.29 | 17.75 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#0 | 22.26 | -2.29 | 19.97 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#38 | 22.10 | -2.29 | 19.81 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#74 | 22.21 | -2.29 | 19.92 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 38RB#0 | 21.03 | -2.29 | 18.74 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 38RB#18 | 21.03 | -2.29 | 18.74 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 38RB#37 | 21.03 | -2.29 | 18.74 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | 21.03 | -2.29 | 18.74 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#0 | 21.80 | -2.29 | 19.51 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#38 | 21.88 | -2.29 | 19.59 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#74 | 21.98 | -2.29 | 19.69 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 38RB#0 | 20.93 | -2.29 | 18.64 | PASS |



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|---|---|---|---|---|---|---|---|---|
| Band4 | 15MHz | QPSK | 20175 | 38RB#18 | 21.01 | -2.29 | 18.72 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 38RB#37 | 21.01 | -2.29 | 18.72 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 21.00 | -2.29 | 18.71 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#0 | 22.04 | -2.29 | 19.75 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#38 | 22.12 | -2.29 | 19.83 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#74 | 22.00 | -2.29 | 19.71 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 38RB#0 | 21.06 | -2.29 | 18.77 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 38RB#18 | 21.06 | -2.29 | 18.77 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 38RB#37 | 21.08 | -2.29 | 18.79 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | 21.07 | -2.29 | 18.78 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 21.19 | -2.29 | 18.90 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38 | 21.03 | -2.29 | 18.74 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74 | 21.16 | -2.29 | 18.87 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0 | 21.04 | -2.29 | 18.75 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 21.03 | -2.29 | 18.74 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 21.03 | -2.29 | 18.74 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | 20.05 | -2.29 | 17.76 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 20.93 | -2.29 | 18.64 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38 | 21.05 | -2.29 | 18.76 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74 | 20.72 | -2.29 | 18.43 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0 | 21.01 | -2.29 | 18.72 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.01 | -2.29 | 18.72 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 21.01 | -2.29 | 18.72 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 19.91 | -2.29 | 17.62 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 21.03 | -2.29 | 18.74 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38 | 21.14 | -2.29 | 18.85 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74 | 21.01 | -2.29 | 18.72 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0 | 21.06 | -2.29 | 18.77 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 21.07 | -2.29 | 18.78 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 21.07 | -2.29 | 18.78 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 20.06 | -2.29 | 17.77 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | 21.99 | -2.29 | 19.70 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#49 | 22.14 | -2.29 | 19.85 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#99 | 21.95 | -2.29 | 19.66 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#0 | 21.16 | -2.29 | 18.87 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#25 | 21.10 | -2.29 | 18.81 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#50 | 21.05 | -2.29 | 18.76 | PASS |



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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 21.08 | -2.29 | 18.79 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#0 | 21.95 | -2.29 | 19.66 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#49 | 22.03 | -2.29 | 19.74 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#99 | 22.16 | -2.29 | 19.87 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#0 | 20.95 | -2.29 | 18.66 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#25 | 20.93 | -2.29 | 18.64 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#50 | 21.04 | -2.29 | 18.75 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 20.96 | -2.29 | 18.67 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | 22.19 | -2.29 | 19.90 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#49 | 22.37 | -2.29 | 20.08 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#99 | 22.16 | -2.29 | 19.87 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#0 | 21.18 | -2.29 | 18.89 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#25 | 21.19 | -2.29 | 18.90 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#50 | 21.12 | -2.29 | 18.83 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 21.14 | -2.29 | 18.85 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 21.24 | -2.29 | 18.95 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49 | 21.29 | -2.29 | 19.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99 | 21.11 | -2.29 | 18.82 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0 | 20.03 | -2.29 | 17.74 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 20.08 | -2.29 | 17.79 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 20.07 | -2.29 | 17.78 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 20.07 | -2.29 | 17.78 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 21.05 | -2.29 | 18.76 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49 | 21.33 | -2.29 | 19.04 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99 | 20.99 | -2.29 | 18.70 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0 | 19.97 | -2.29 | 17.68 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 19.95 | -2.29 | 17.66 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 19.94 | -2.29 | 17.65 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 19.94 | -2.29 | 17.65 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 20.96 | -2.29 | 18.67 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49 | 21.14 | -2.29 | 18.85 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99 | 21.12 | -2.29 | 18.83 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0 | 20.05 | -2.29 | 17.76 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 20.05 | -2.29 | 17.76 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 20.10 | -2.29 | 17.81 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 20.09 | -2.29 | 17.80 | PASS |



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# 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 | 4.27 | 13 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | 4.90 | 13 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#0 | 4.69 | 13 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 5.23 | 13 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | 4.06 | 13 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | 4.73 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | 5.12 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 5.79 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0 | 5.55 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 6.15 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | 4.96 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 5.54 | 13 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#0 | 4.29 | 13 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | 4.96 | 13 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#0 | 4.67 | 13 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 5.33 | 13 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#0 | 4.19 | 13 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | 4.78 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0 | 5.30 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 5.77 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0 | 5.52 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 6.16 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0 | 5.03 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 5.63 | 13 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#0 | 4.32 | 13 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | 4.92 | 13 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#0 | 4.66 | 13 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 25RB#0 | 5.26 | 13 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#0 | 4.13 | 13 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | 4.71 | 13 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0 | 5.23 | 13 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 5.77 | 13 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0 | 5.55 | 13 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 6.14 | 13 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0 | 5.04 | 13 | PASS |



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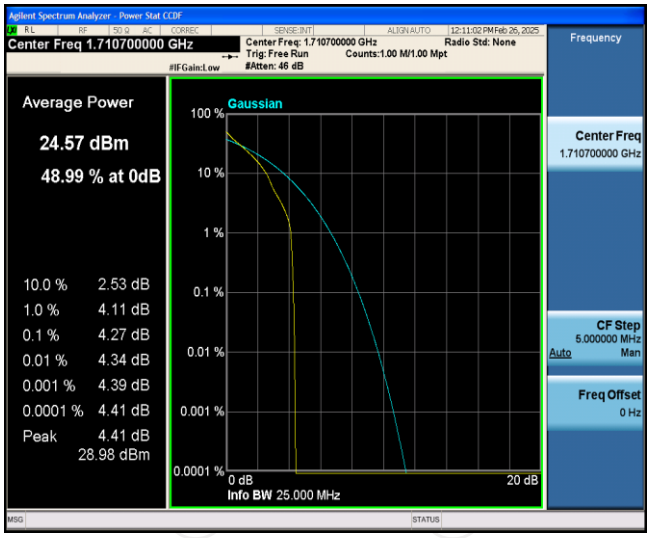
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | 5.60 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#0 | 4.19 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | 4.99 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#0 | 4.60 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 5.26 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#0 | 4.08 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | 4.71 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 5.15 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 5.83 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 5.50 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 6.10 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 5.04 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 5.55 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#0 | 4.20 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | 5.30 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#0 | 4.63 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 5.39 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#0 | 4.28 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | 4.98 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 5.10 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | 6.01 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 5.51 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 6.12 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 5.22 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 5.71 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | 4.22 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 5.21 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#0 | 4.53 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 5.17 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | 4.46 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 4.95 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 5.03 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 6.02 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 5.42 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 6.05 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 5.48 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 5.77 | 13 | PASS |

## Test Graphs

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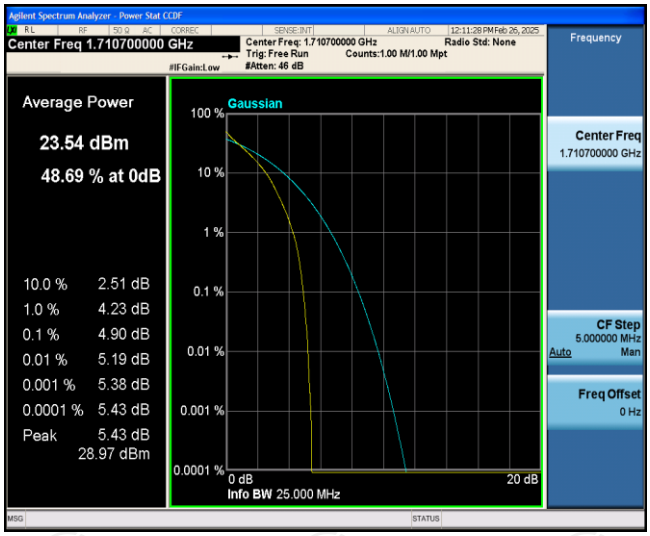


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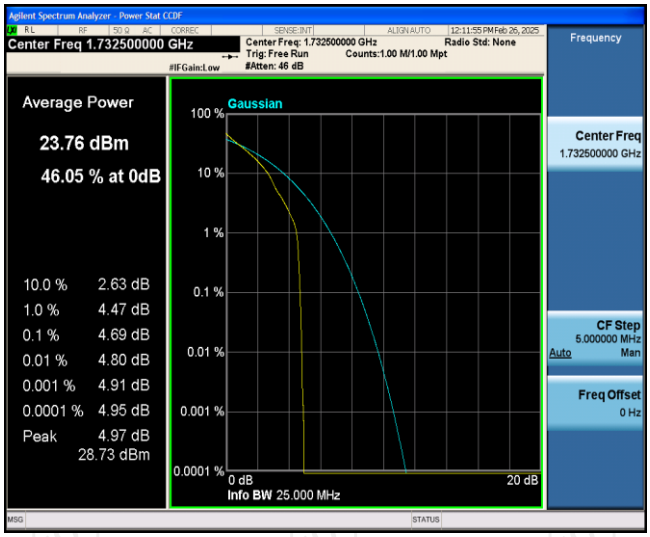


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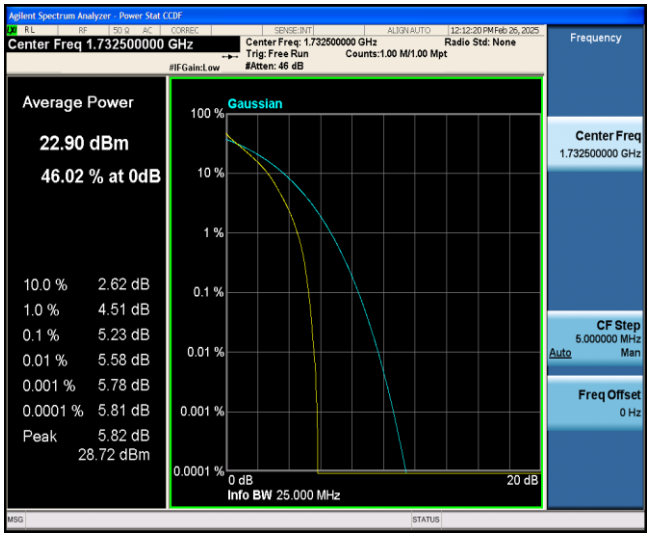


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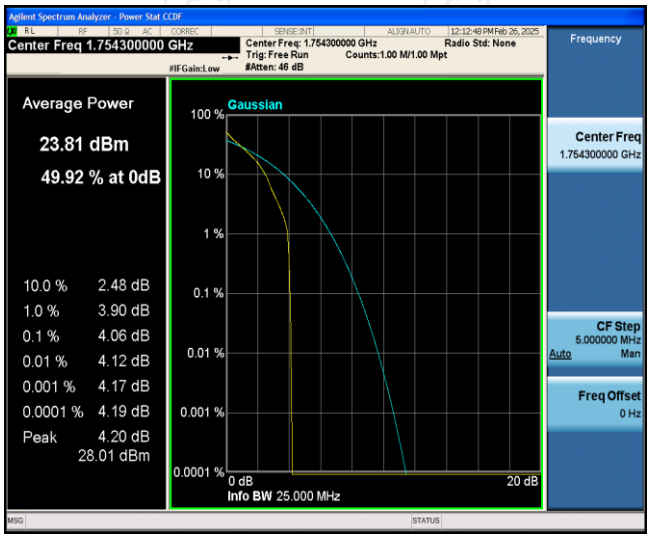


Band4-1.4MHz-QPSK-20393-1RB#0



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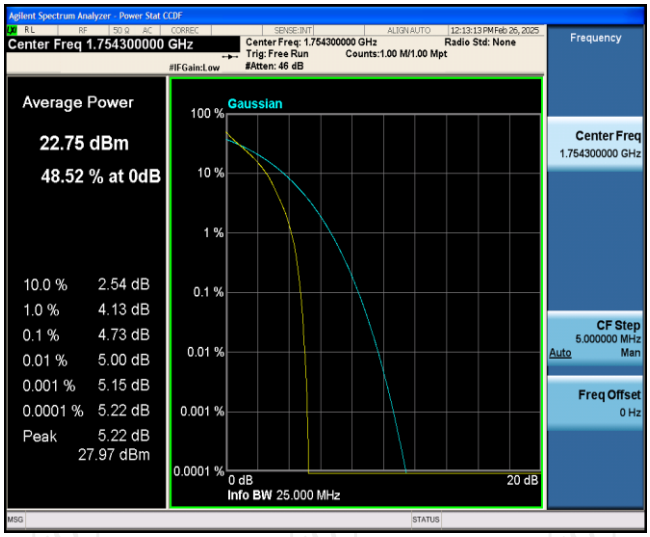


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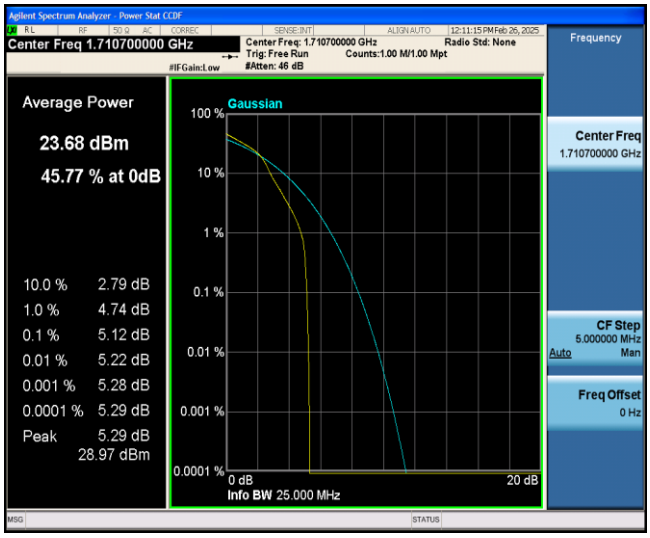


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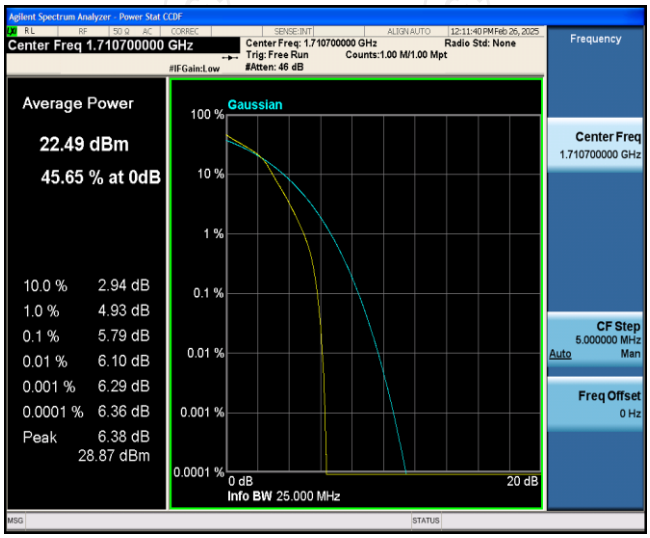


Band4-1.4MHz-16QAM-19957-6RB#0



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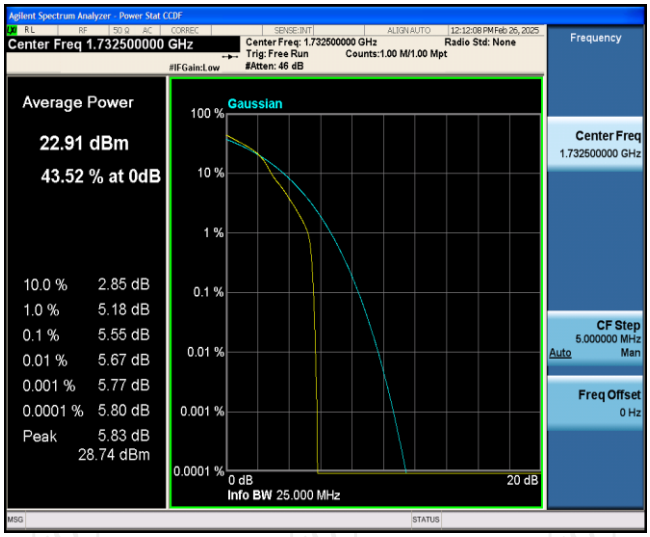


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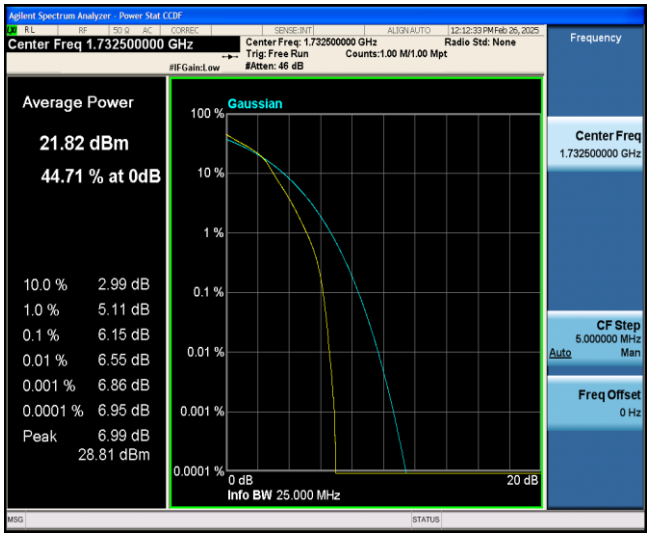


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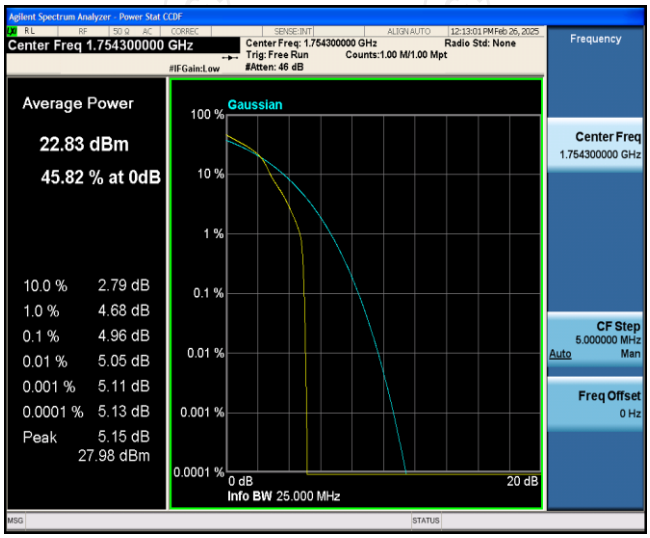
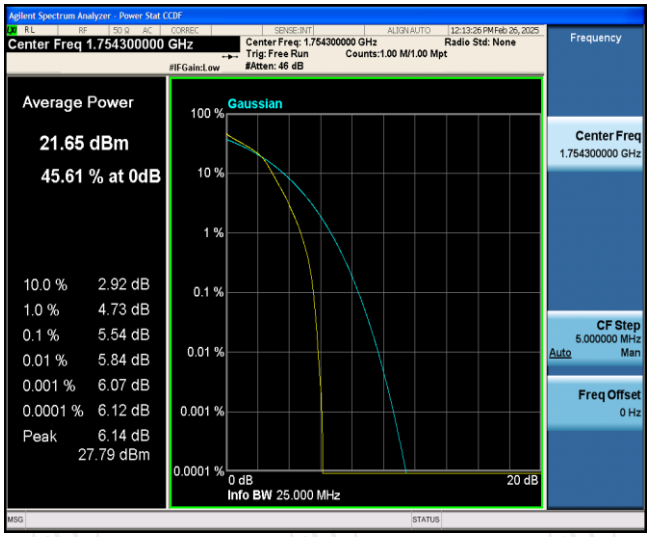



Band4-1.4MHz-16QAM-20393-1RB#0



Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

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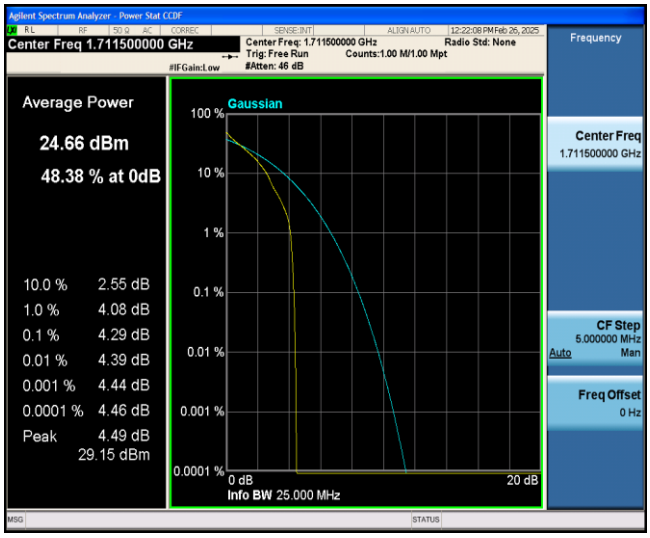
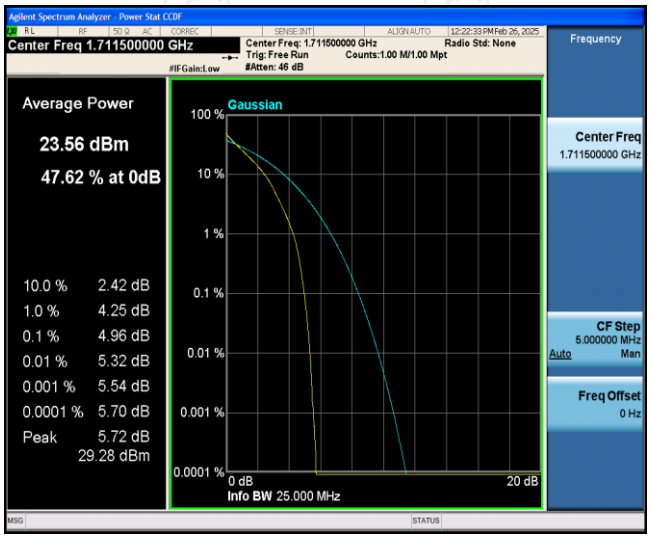


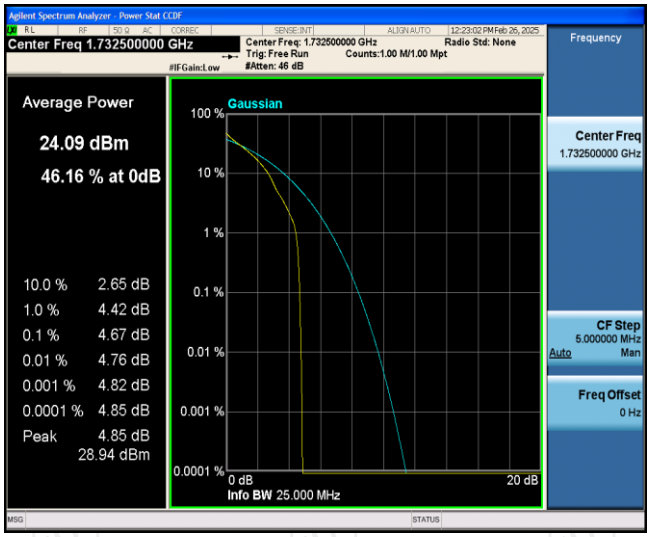

Band4-3MHz-QPSK-19965-1RB#0




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



Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

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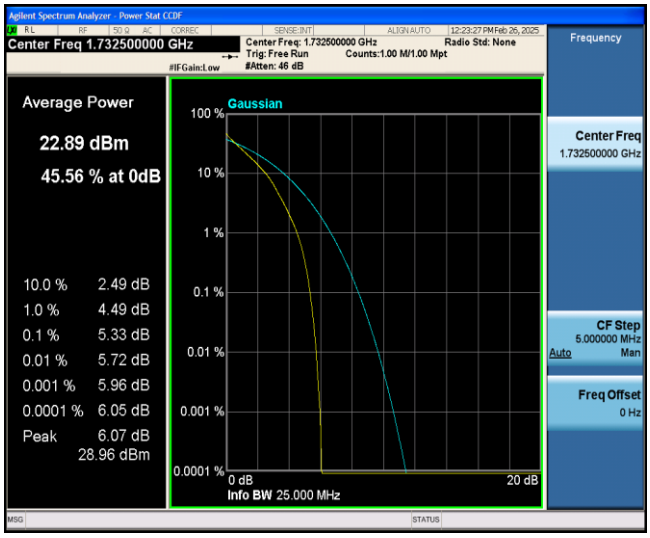


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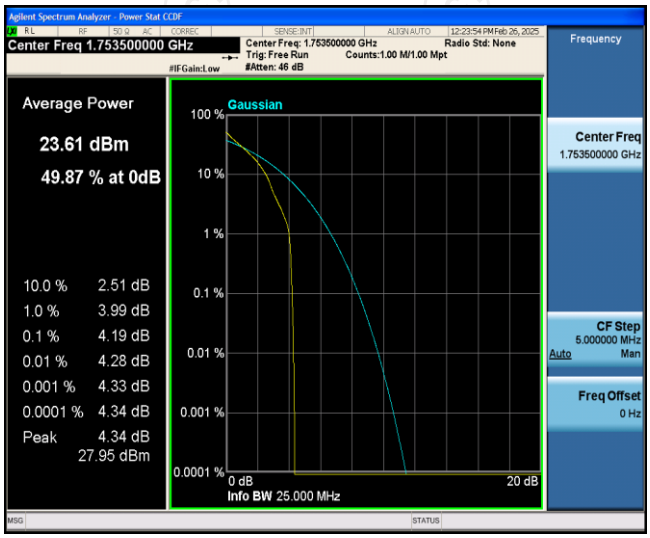


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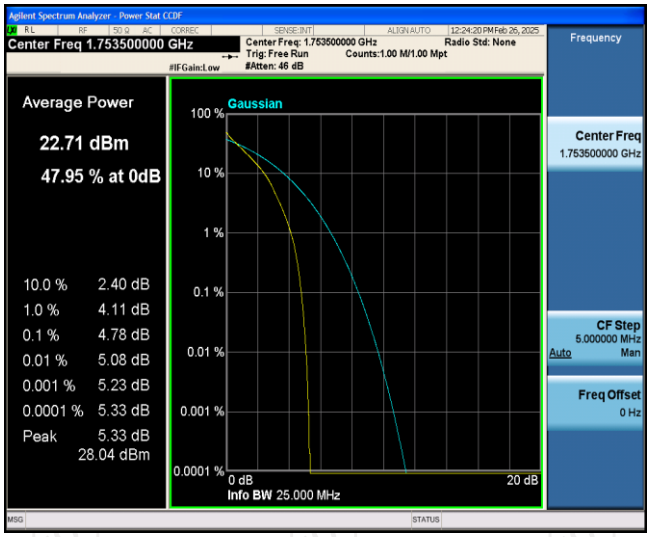


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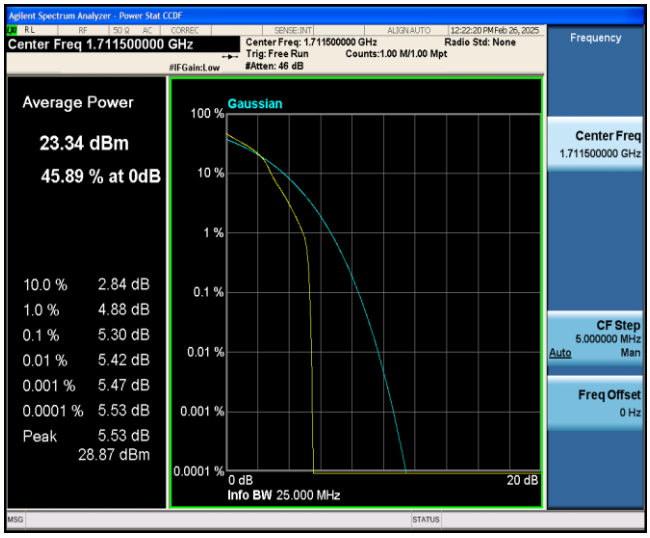
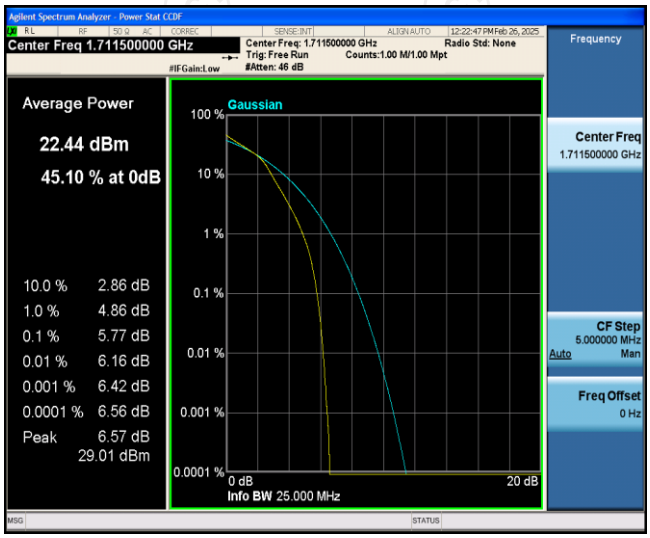



Band4-3MHz-16QAM-19965-1RB#0




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



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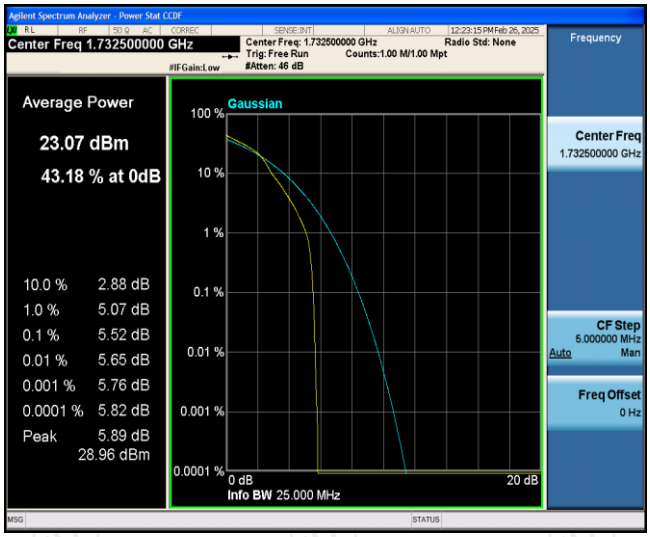


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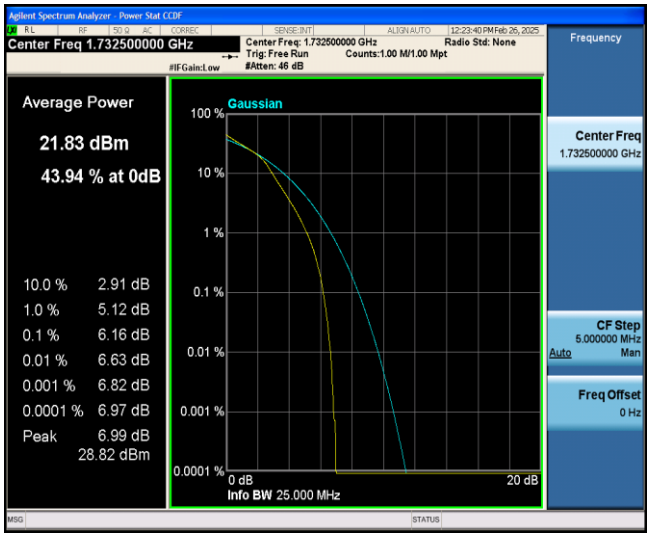


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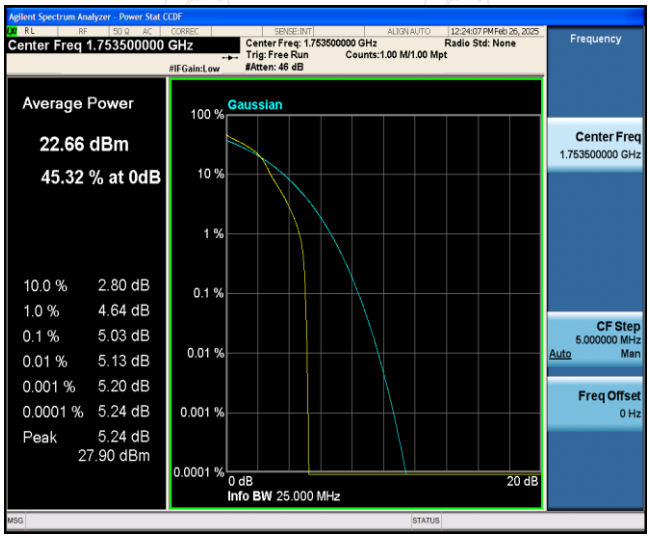


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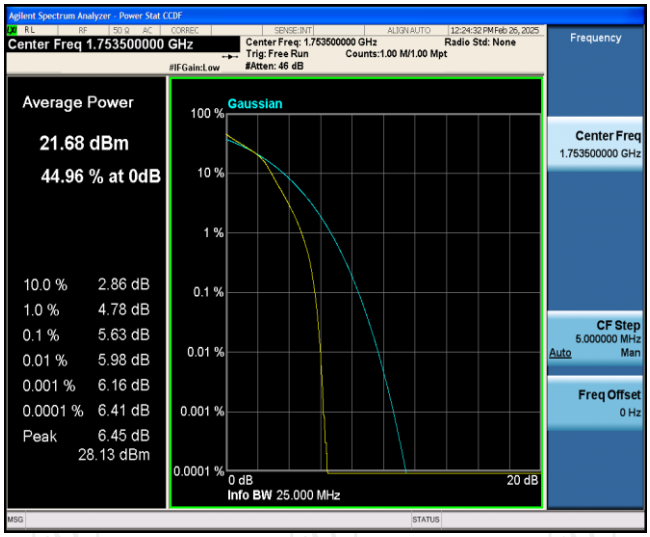
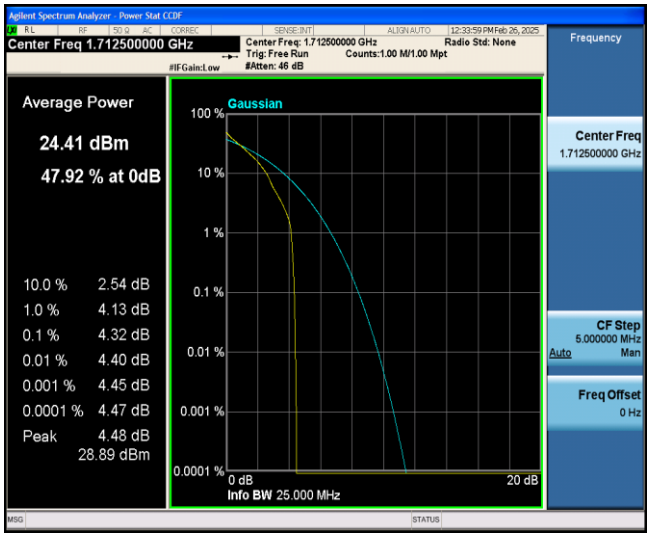
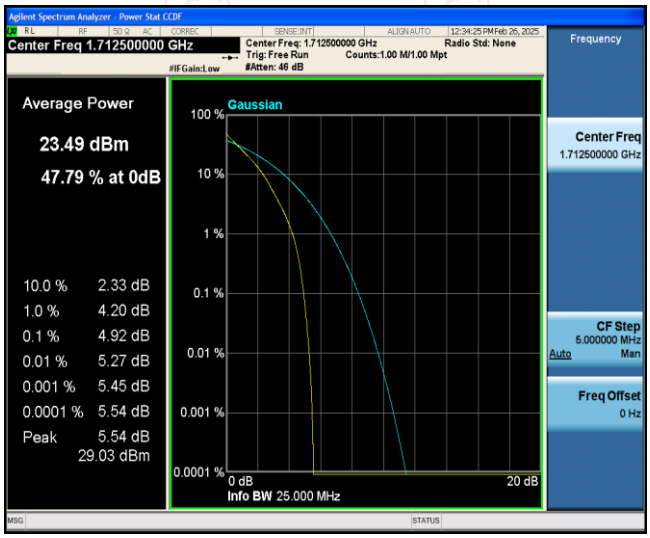



Band4-3MHz-16QAM-20385-15RB#0




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

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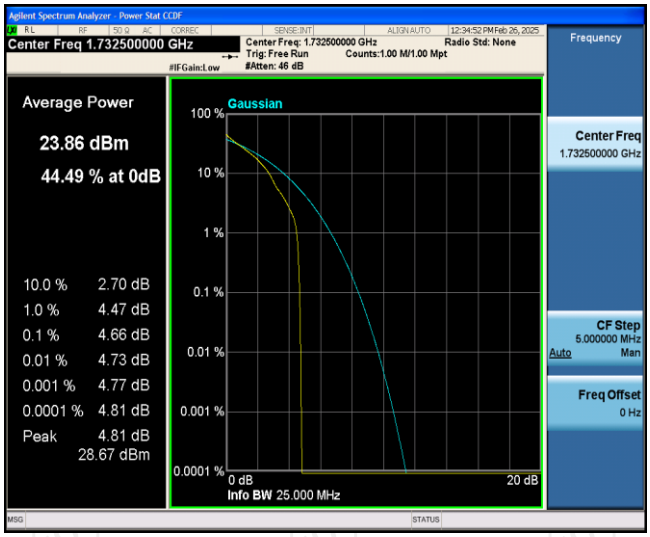


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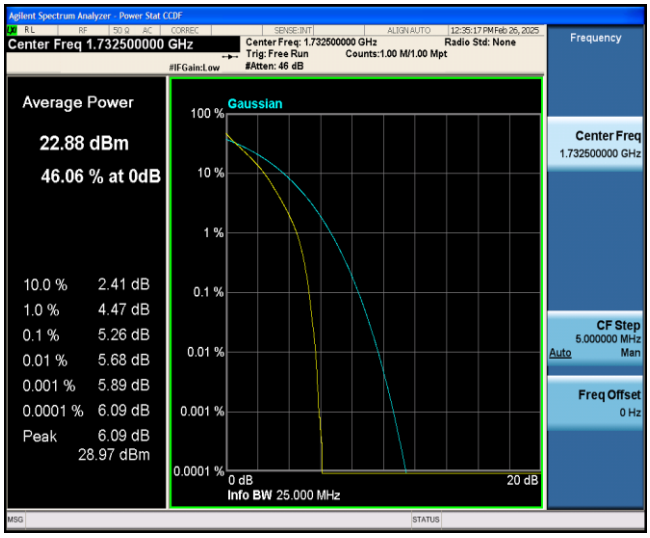


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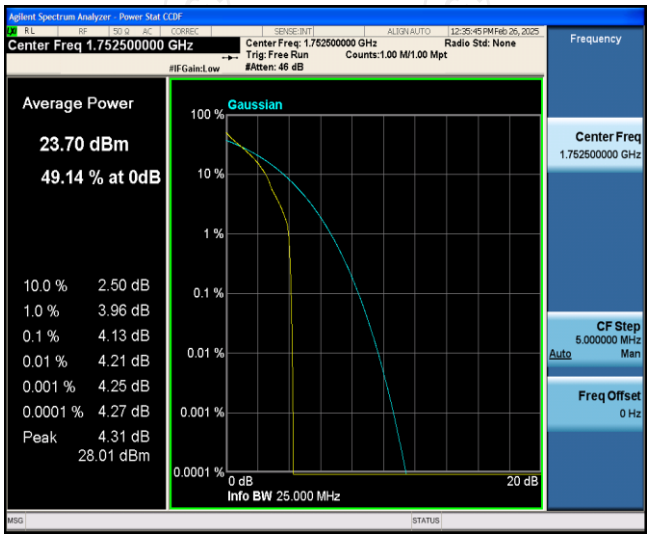


Band4-5MHz-QPSK-20375-1RB#0



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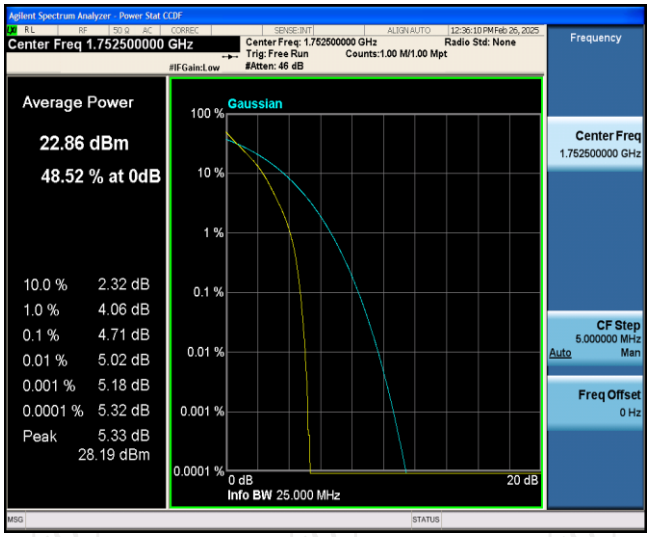


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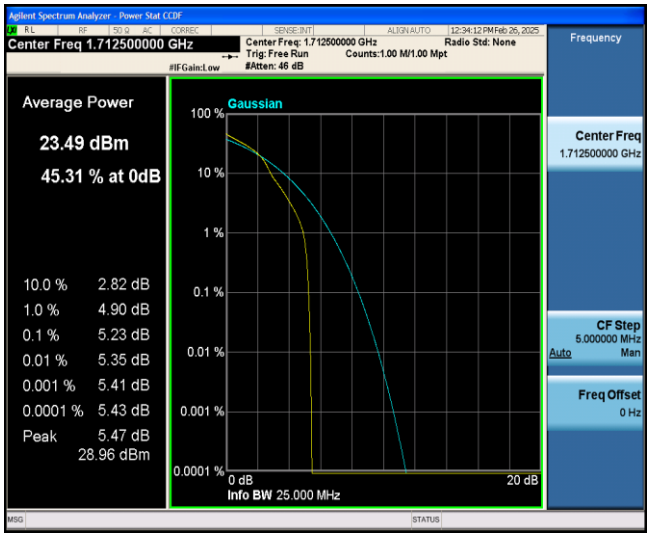


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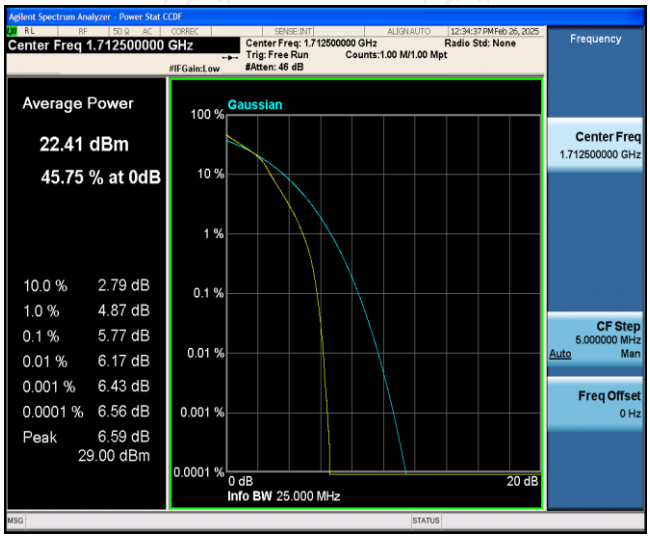


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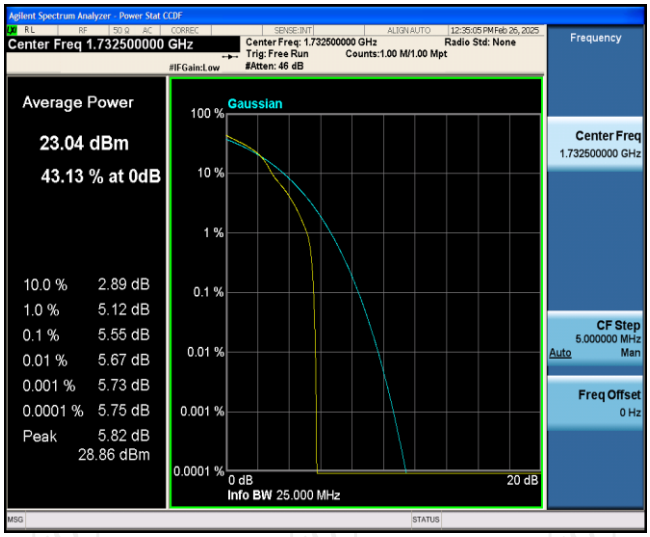


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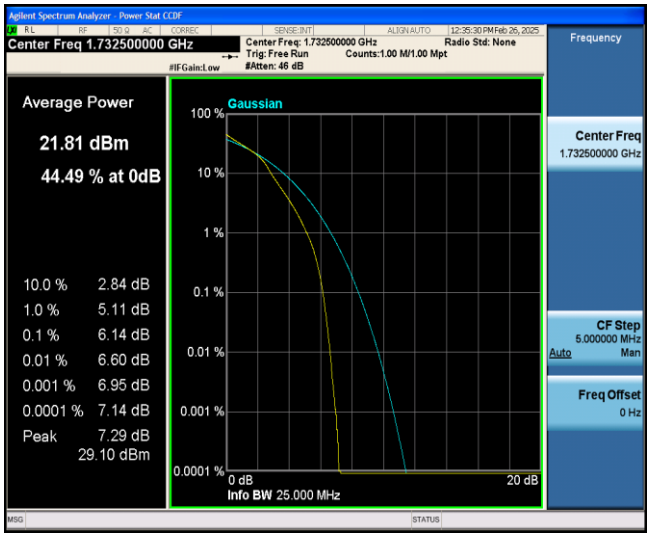


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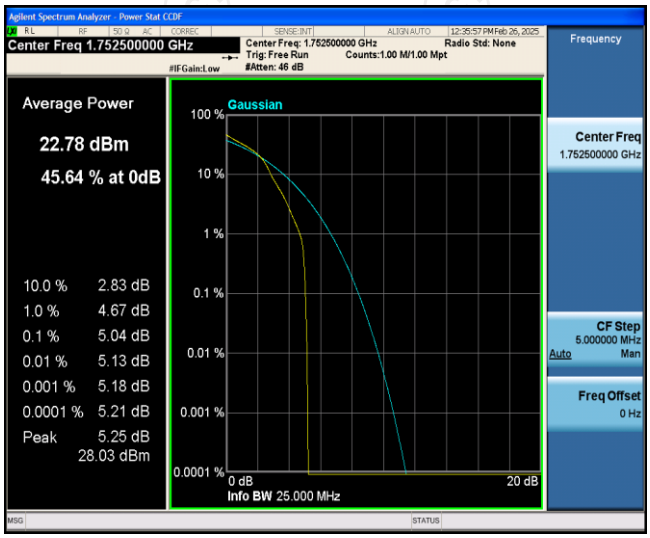


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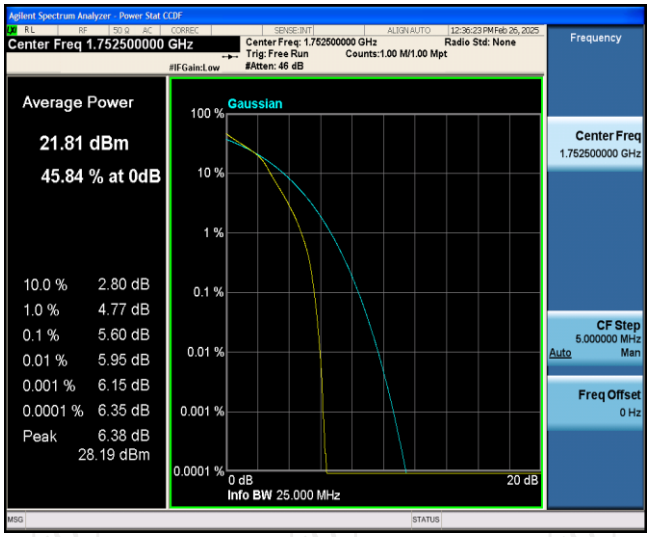


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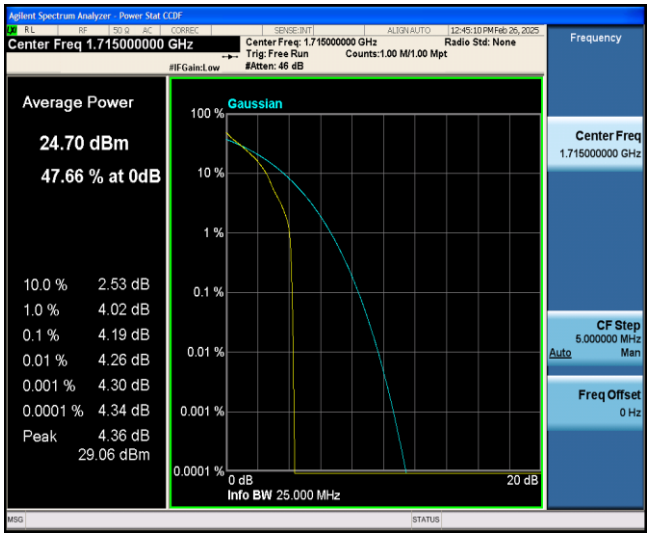


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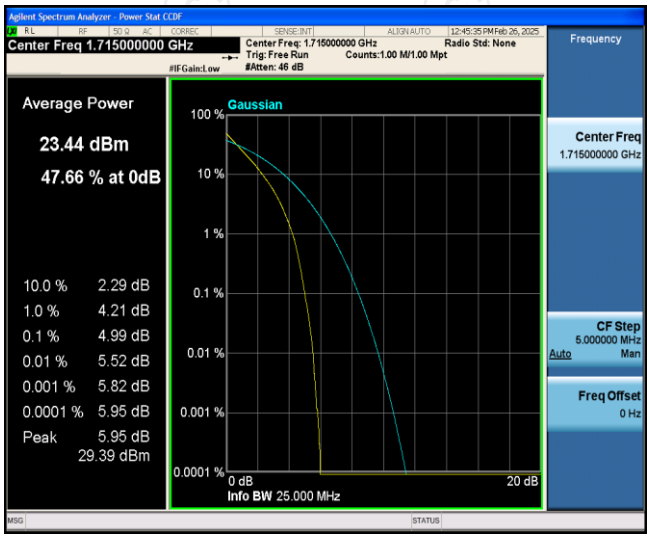


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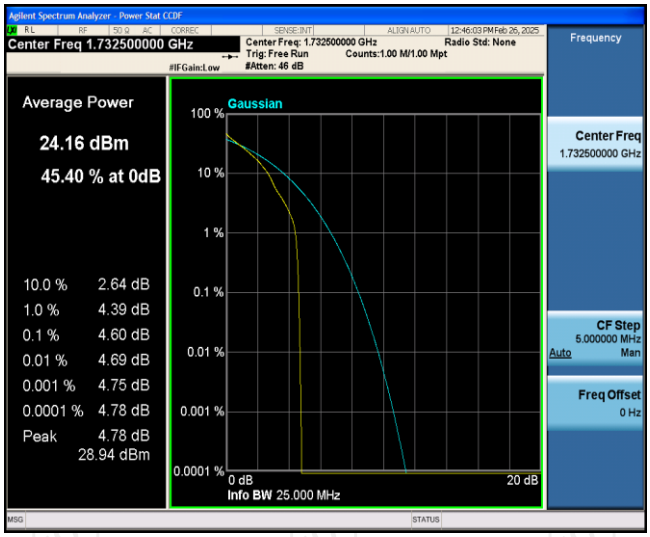


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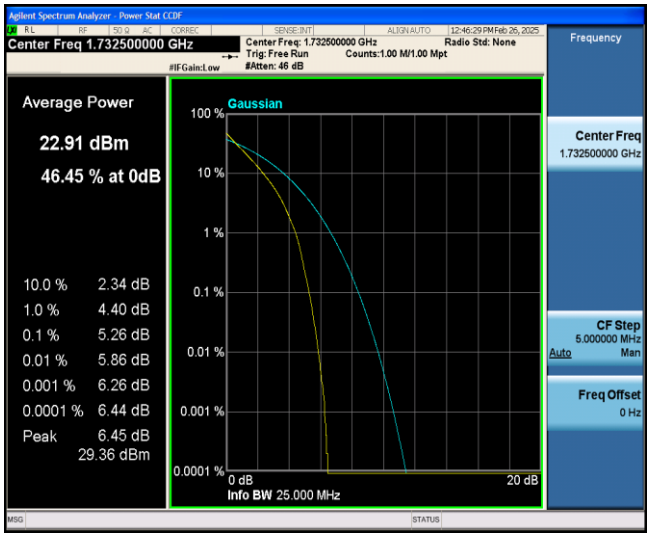


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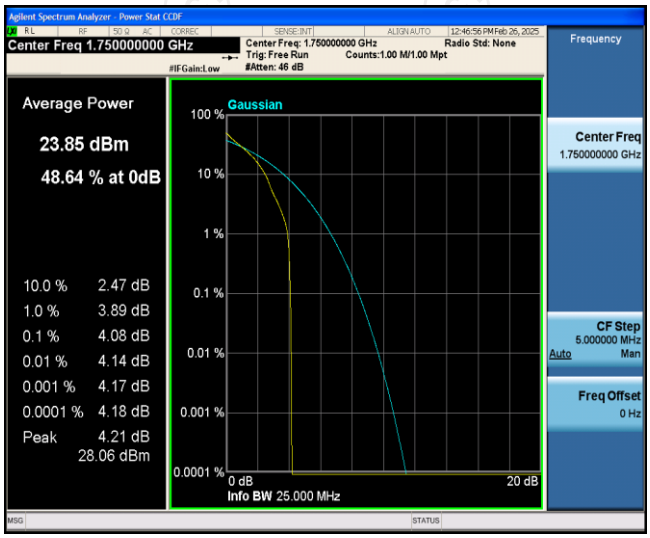


Band4-10MHz-QPSK-20350-1RB#0



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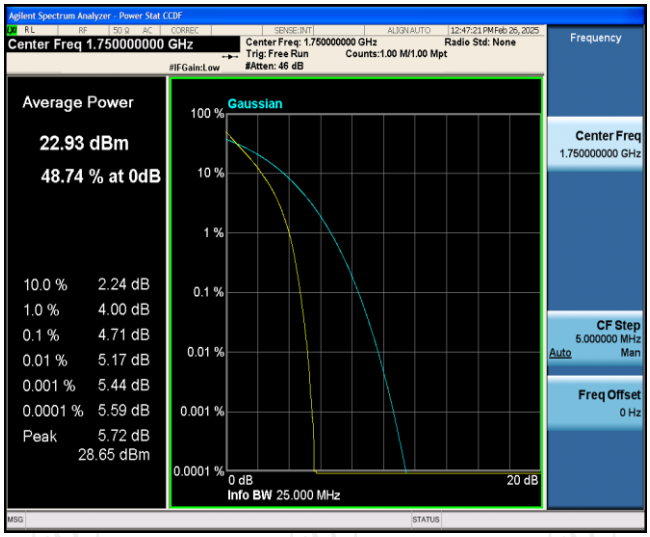


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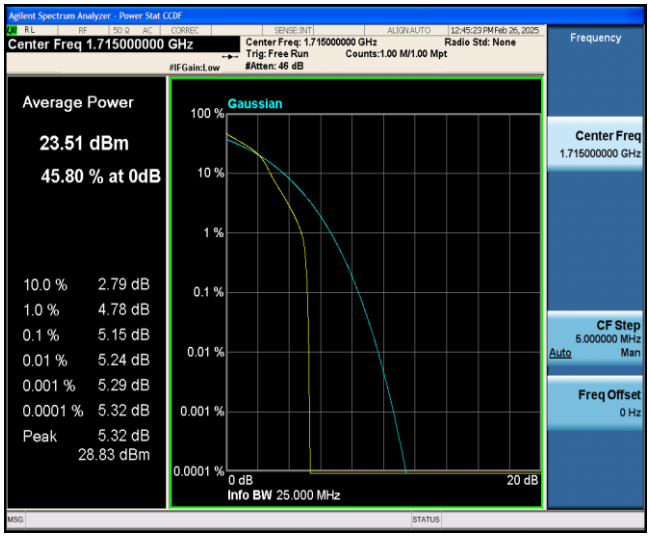


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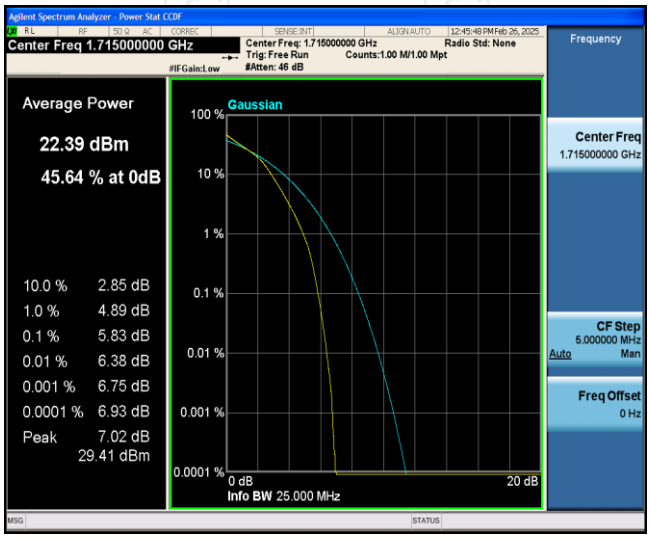


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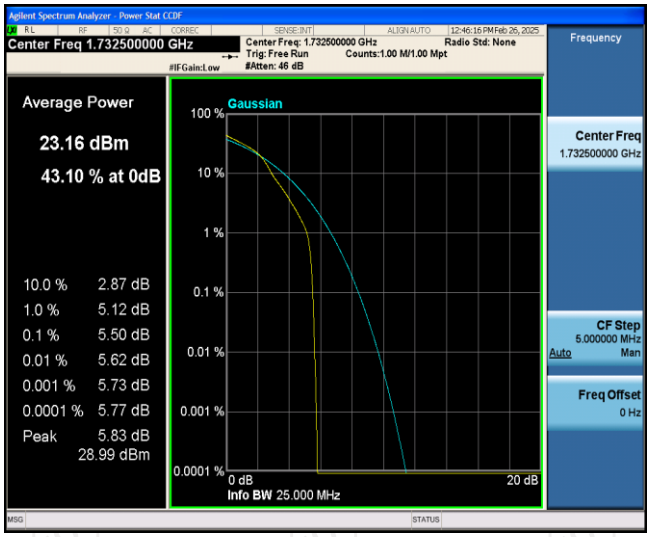


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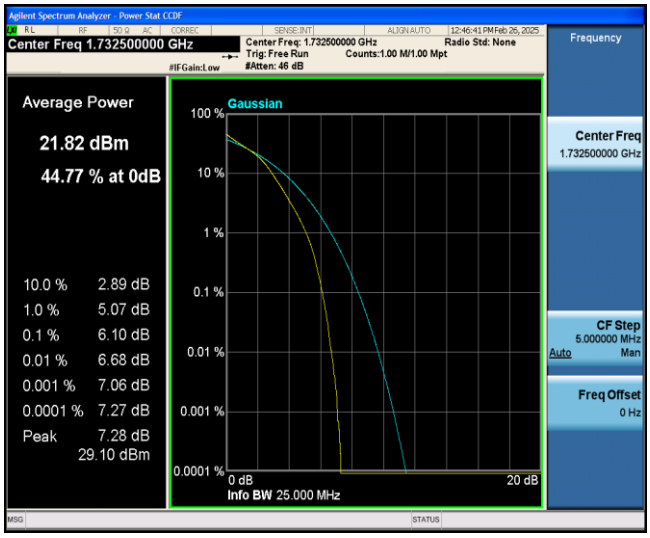


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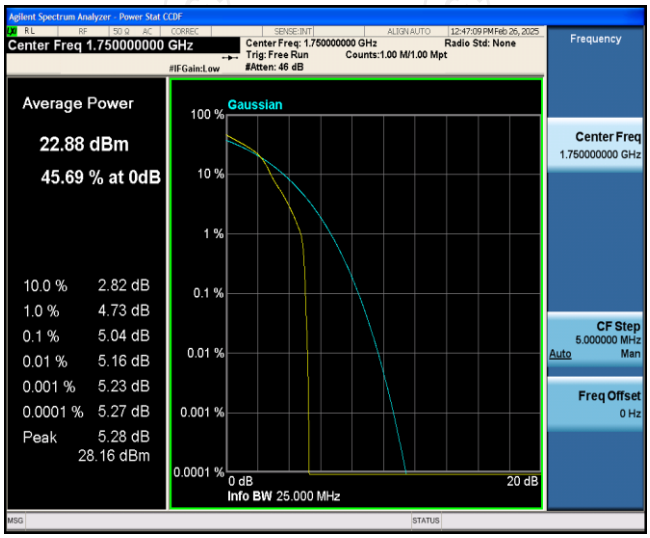


Band4-10MHz-16QAM-20350-1RB#0



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