

## Appendix A: Conducted Output Power

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 21.35       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 21.31       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 21.26       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 21.35       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1            | 21.36       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 21.34       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 20.38       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 22.87       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 22.78       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 22.80       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 22.89       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1            | 22.92       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 22.91       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 21.87       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 23.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 23.01       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 22.94       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 23.01       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#1            | 23.06       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3            | 23.01       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 22.03       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 20.60       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 20.62       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 20.54       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0            | 20.40       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1            | 20.45       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3            | 20.35       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 19.26       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 21.90       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2            | 21.96       | PASS    |

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|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5  | 21.93 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0  | 21.81 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1  | 21.83 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3  | 21.78 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | 20.94 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 22.08 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 22.32 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 21.93 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 22.10 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 21.85 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 21.82 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 21.14 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 21.42 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 21.25 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 21.20 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 20.43 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 20.46 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 20.30 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 20.32 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 23.02 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 22.96 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 22.94 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 21.97 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 21.97 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 21.97 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 21.95 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 22.81 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#8  | 22.95 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 22.94 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#0  | 22.07 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#4  | 22.04 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#7  | 22.13 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | 22.06 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 20.61 | PASS |

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|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band4 | 3MHz | 16QAM | 19965 | 1RB#8   | 20.54 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14  | 20.41 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0   | 19.44 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4   | 19.47 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7   | 19.33 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0  | 19.29 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0   | 22.05 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8   | 21.92 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14  | 21.81 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0   | 20.99 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4   | 21.06 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7   | 21.02 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0  | 20.93 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0   | 22.20 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8   | 22.18 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14  | 22.18 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0   | 21.08 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 21.13 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 21.15 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 21.18 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 21.48 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 21.28 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 21.14 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 20.38 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 20.41 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 20.19 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 20.27 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 23.01 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 23.03 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 22.84 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 22.00 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 22.01 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 21.97 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 21.98 | PASS |

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|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0   | 22.71 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#12  | 23.05 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#24  | 23.09 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#0  | 21.91 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#6  | 21.93 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#13 | 22.15 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | 22.04 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#0   | 20.70 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#12  | 20.40 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#24  | 20.35 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#0  | 19.43 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#6  | 19.48 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#13 | 19.27 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0  | 19.29 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0   | 22.19 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#12  | 22.08 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#24  | 22.00 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#0  | 21.11 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#6  | 21.06 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#13 | 21.01 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | 21.03 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 21.83 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#12  | 22.20 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 22.16 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 20.94 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 20.91 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 21.16 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 21.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 21.25 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 21.01 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 21.88 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 20.26 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 20.26 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 20.58 | PASS |

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|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 20.42 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 23.06 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 22.93 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 22.46 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 22.08 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 22.12 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 21.84 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 21.94 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 21.89 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 22.55 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 22.94 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 21.26 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 21.26 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 21.98 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 21.64 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 20.64 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 20.35 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 21.13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 19.31 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 19.30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 19.62 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 19.47 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 22.03 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 21.74 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 21.59 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 21.15 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 21.14 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 20.91 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 20.96 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 21.16 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 22.02 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 22.29 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 20.28 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 20.33 | PASS |

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|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.02 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 20.64 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 21.12 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 21.32 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 22.71 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 20.77 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 20.73 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 20.72 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 20.73 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 22.88 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 22.73 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 22.16 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 21.75 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 21.73 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 21.74 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 21.76 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 22.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 22.06 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 22.82 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 21.38 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 21.37 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 21.35 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 21.37 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 20.54 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 20.64 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 22.13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 20.73 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 20.74 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 20.73 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 19.77 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 22.04 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 21.83 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 21.17 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 21.74 | PASS |

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|-------|-------|-------|-------|---------|-------|------|
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.73 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 21.72 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 20.81 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 21.20 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 21.48 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 22.29 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 21.38 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 21.38 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 21.37 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 20.38 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 21.15 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 21.98 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 23.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 20.29 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 20.28 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 21.79 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 21.16 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 22.60 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 22.66 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 21.87 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 21.98 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 21.99 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 21.50 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 21.71 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 22.53 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 21.95 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 23.03 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 21.11 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 21.10 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 21.57 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 21.31 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 20.38 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 21.13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 22.26 | PASS |

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|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 19.29 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 19.32 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 20.84 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 20.20 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 22.01 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 21.82 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 21.18 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 21.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 21.04 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 20.53 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 20.74 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 21.74 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 21.04 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 22.20 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 20.15 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 20.18 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 20.52 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 20.29 | 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            | 3.36       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 4.49       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 3.47       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 4.74       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 3.20       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 4.27       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 4.79       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 5.37       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 4.94       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 5.59       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 4.56       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 5.18       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 3.17       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 4.41       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 3.31       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 4.63       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | 3.01       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 4.17       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 4.44       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 5.29       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 4.78       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 5.46       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | 4.42       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 5.08       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | 3.20       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.40       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | 3.26       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.70       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | 3.04       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.24       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | 4.61       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 5.22       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 1RB#0            | 4.65       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 5.49       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | 4.27       | 13        | PASS    |

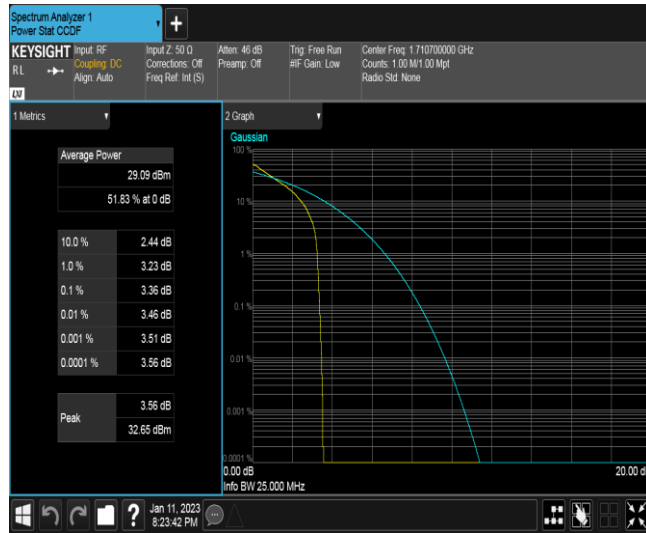
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|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 5.06 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 3.06 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 4.37 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 3.25 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 4.68 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 3.17 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 4.33 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 4.43 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 5.21 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 4.71 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 5.50 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 4.63 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 5.18 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 3.12 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 4.69 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 3.18 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 4.93 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 3.15 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 4.67 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 4.47 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 5.41 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 4.53 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 5.64 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 4.80 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 5.37 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 3.10 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 4.74 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 3.08 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 4.82 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 3.22 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 4.72 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 4.47 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 5.51 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 4.53 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 5.56 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 4.87 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 5.46 | 13 | PASS |

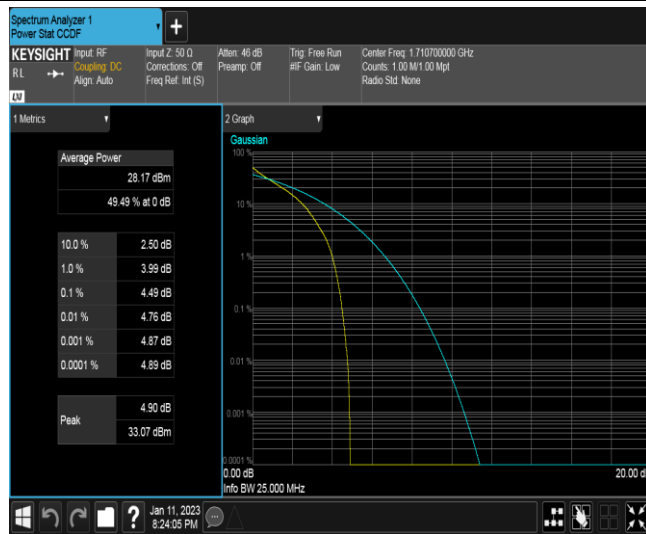
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Test Graphs

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

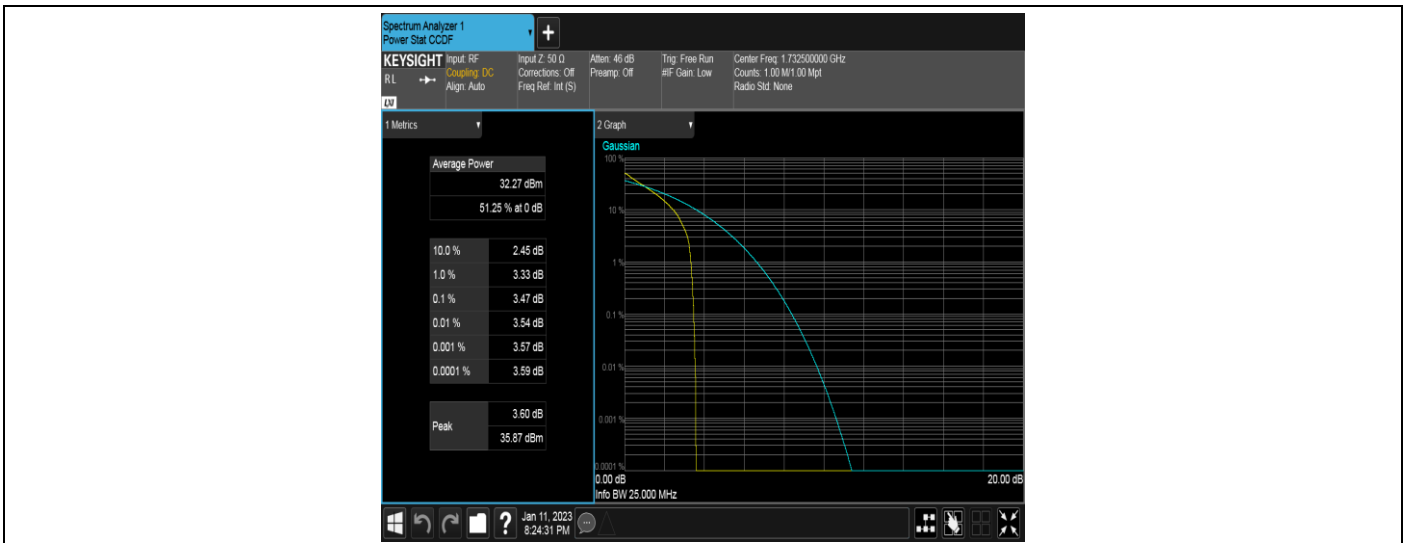


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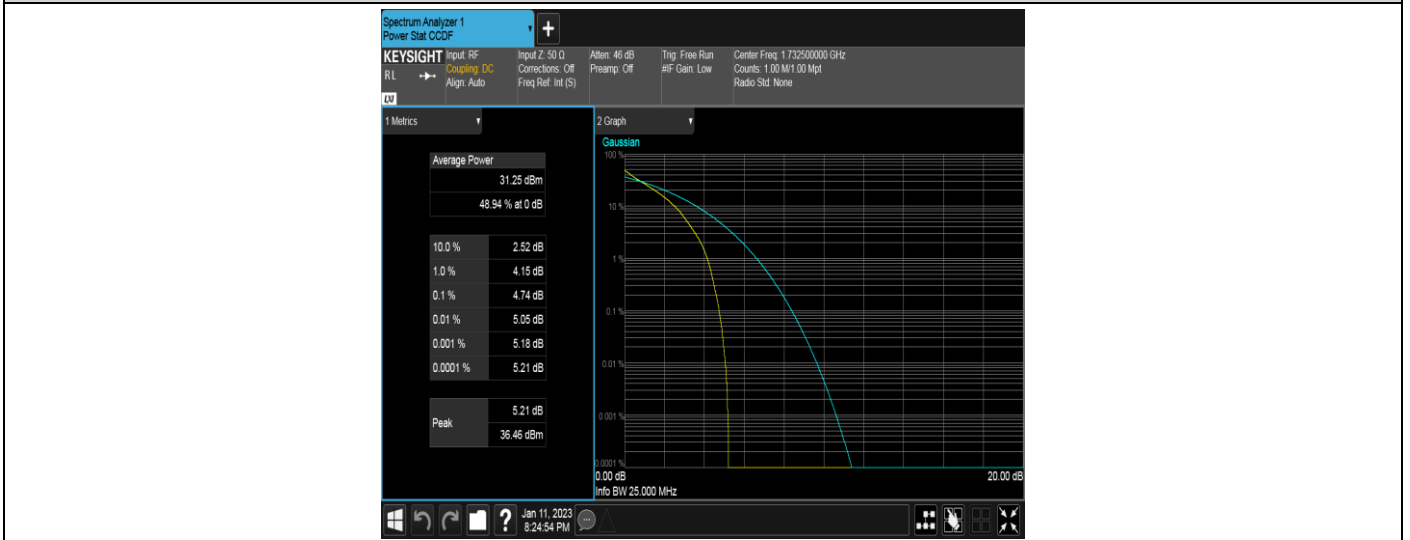


Band4-1.4MHz-QPSK-20175-1RB#0

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

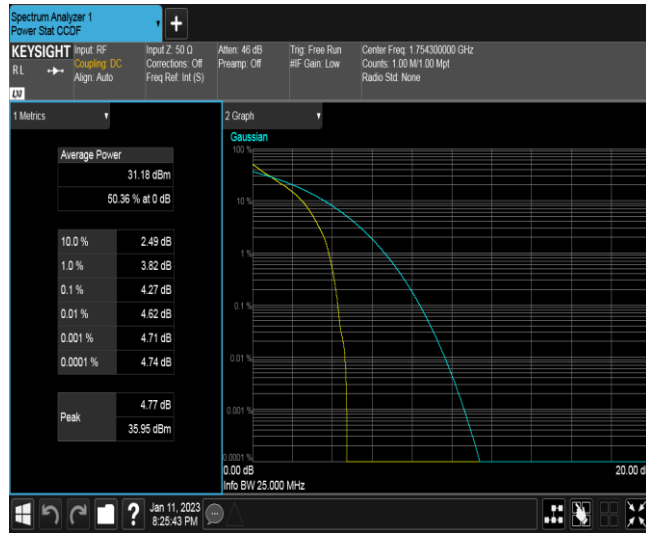


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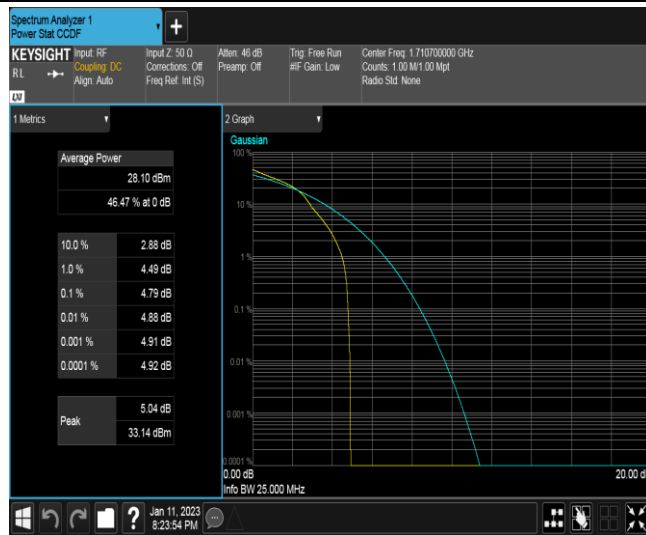


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**Band4-1.4MHz-QPSK-20393-6RB#0**



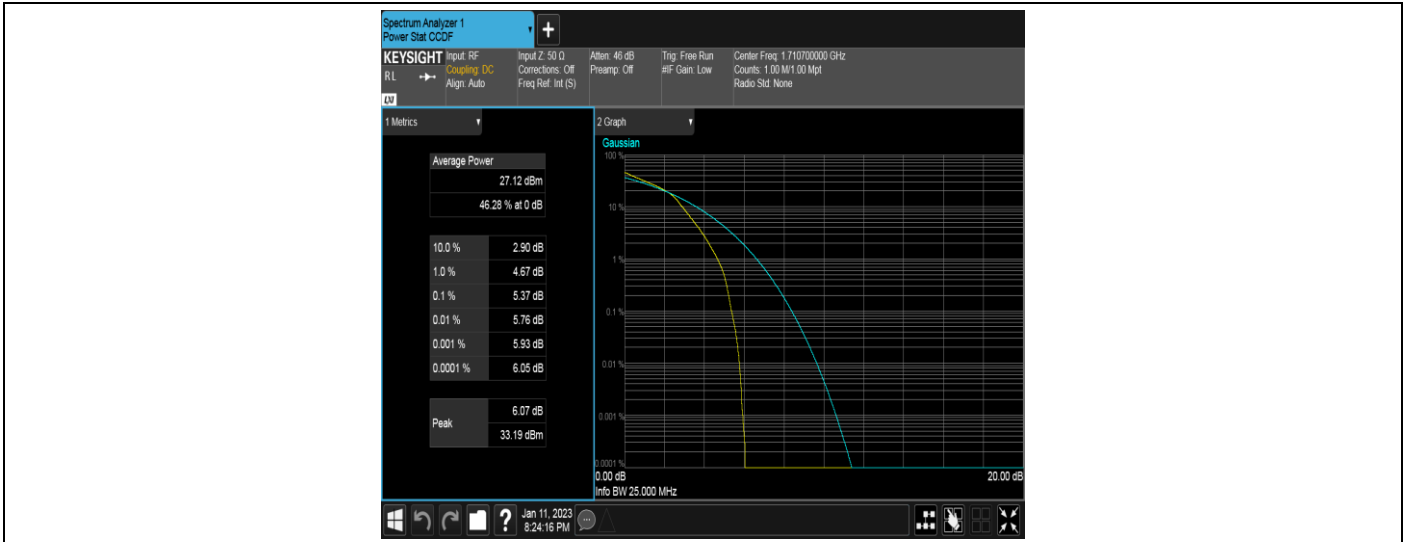
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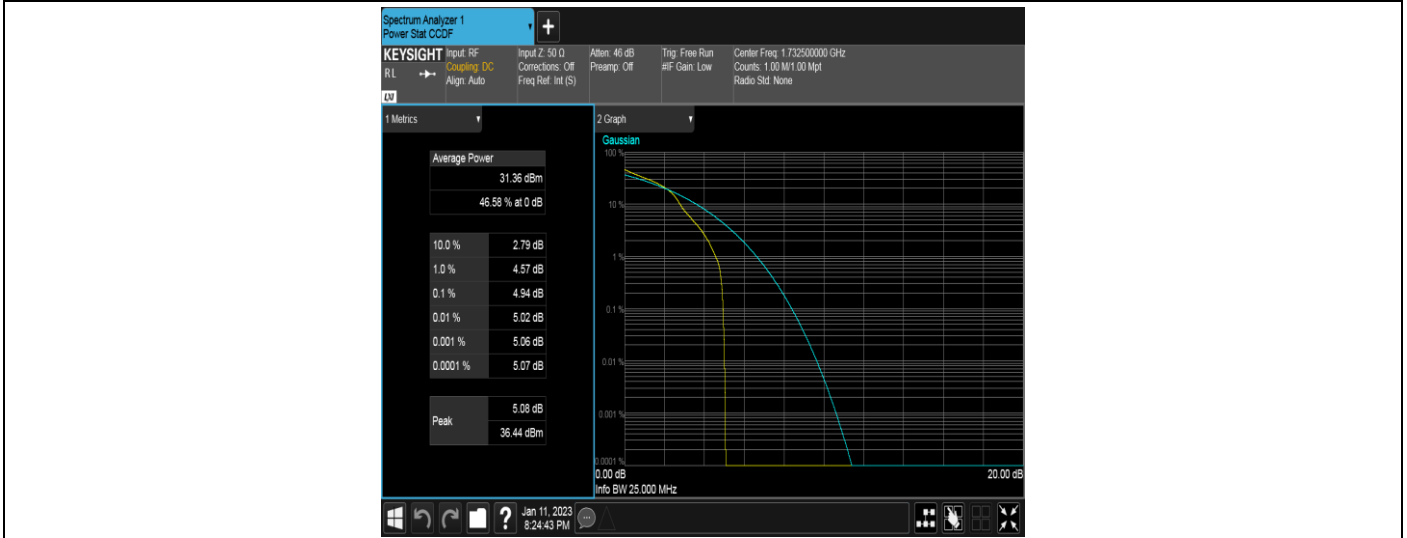
**Band4-1.4MHz-16QAM-19957-6RB#0**

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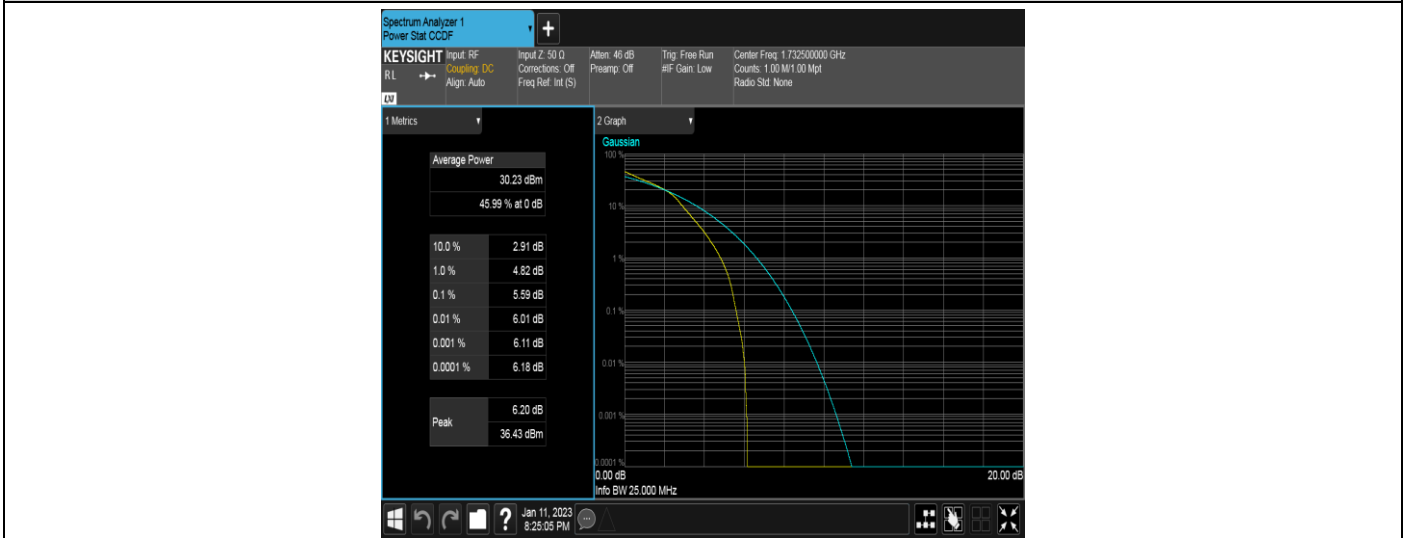




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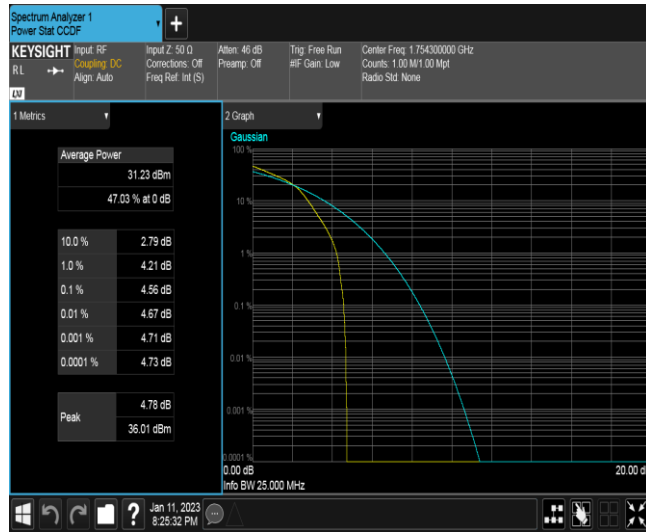


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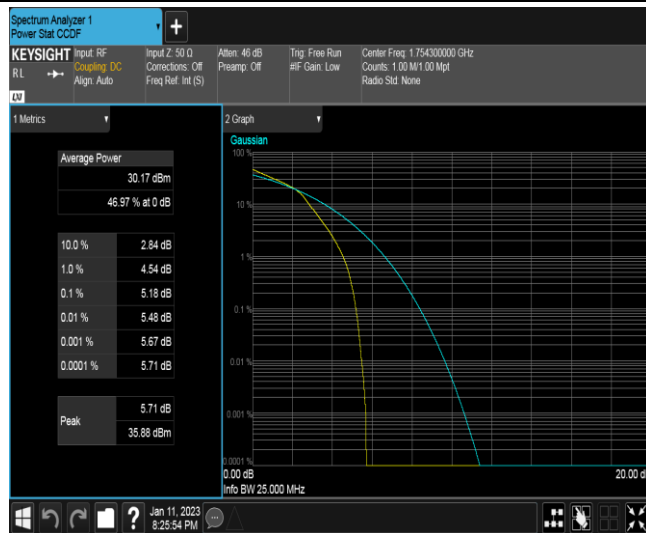


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**Band4-1.4MHz-16QAM-20393-1RB#0**

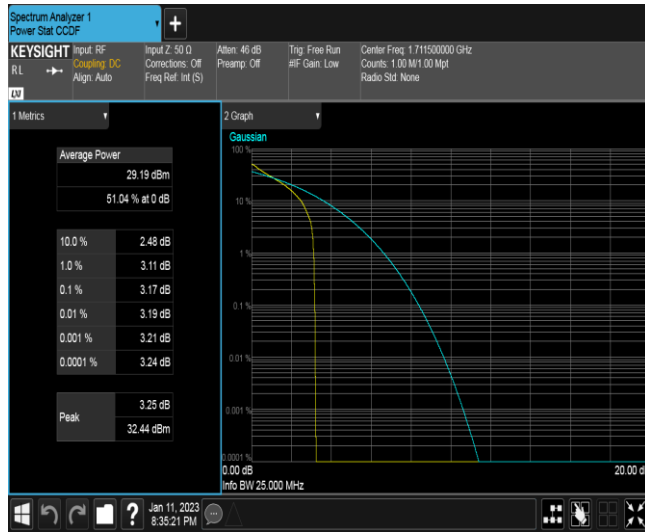


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**Band4-3MHz-QPSK-19965-1RB#0**

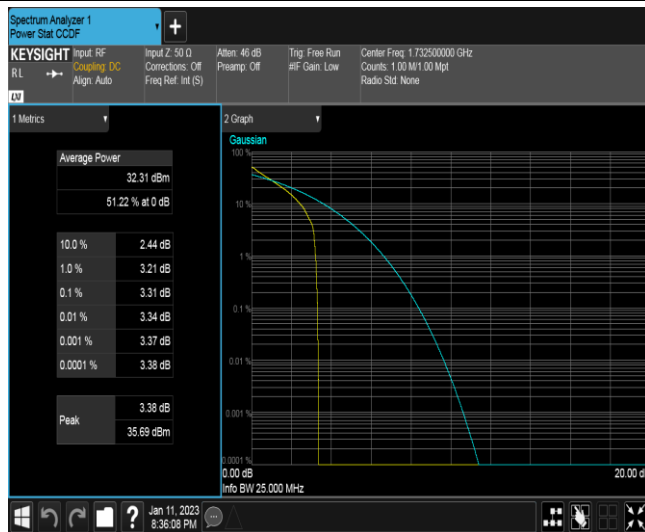
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Band4-3MHz-QPSK-19965-15RB#0

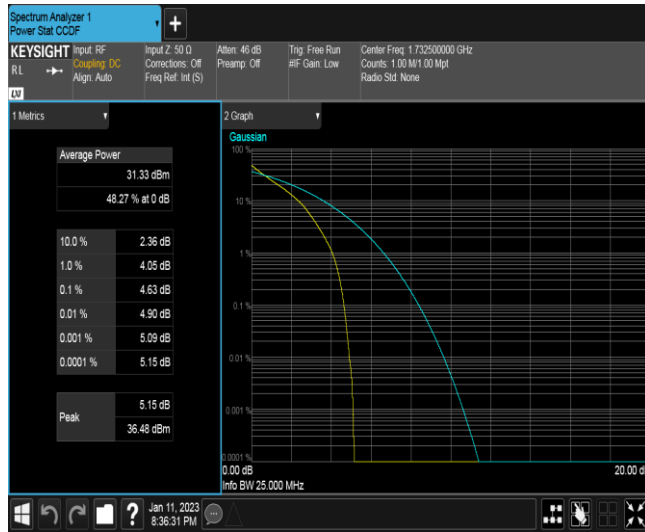


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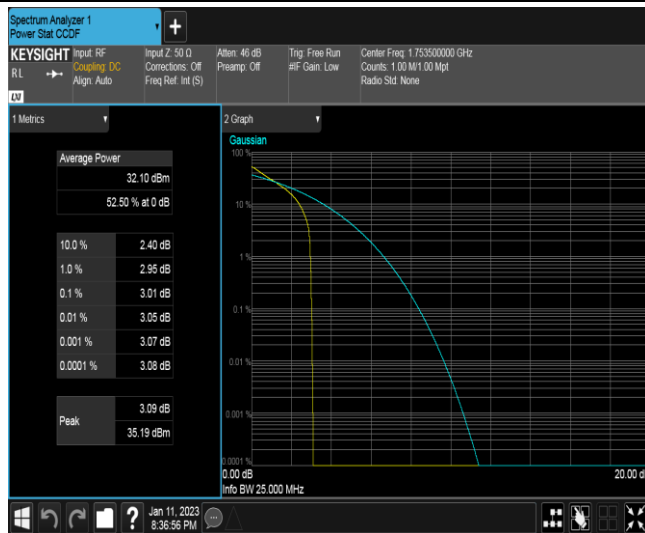


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**Band4-3MHz-QPSK-20175-15RB#0**

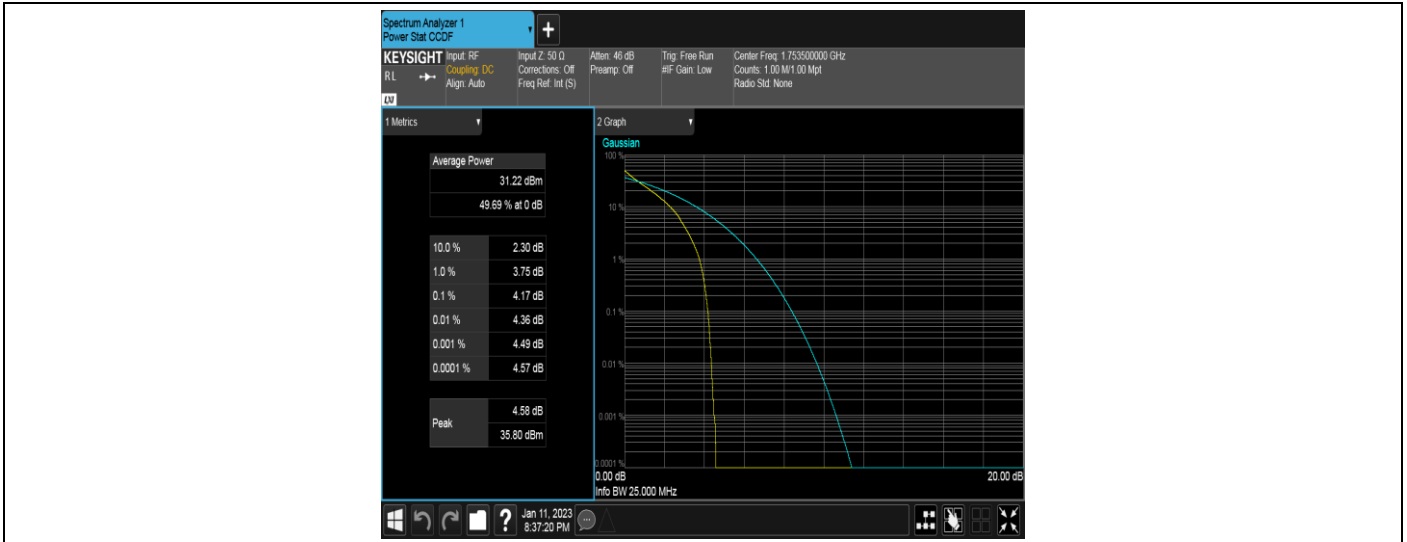


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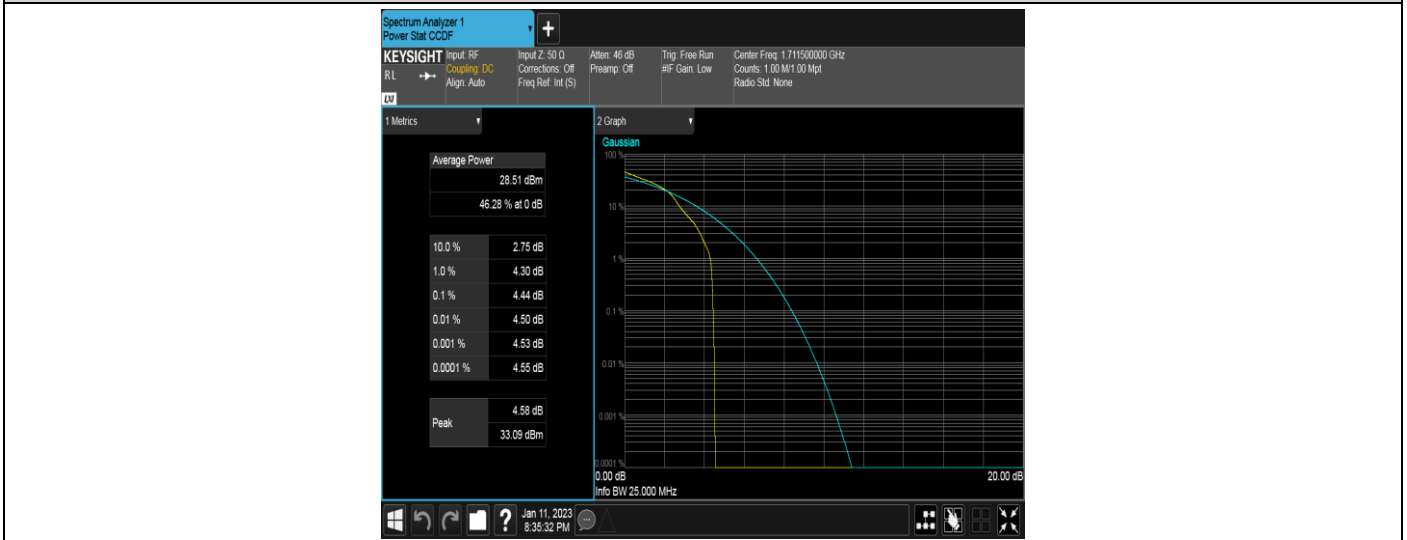


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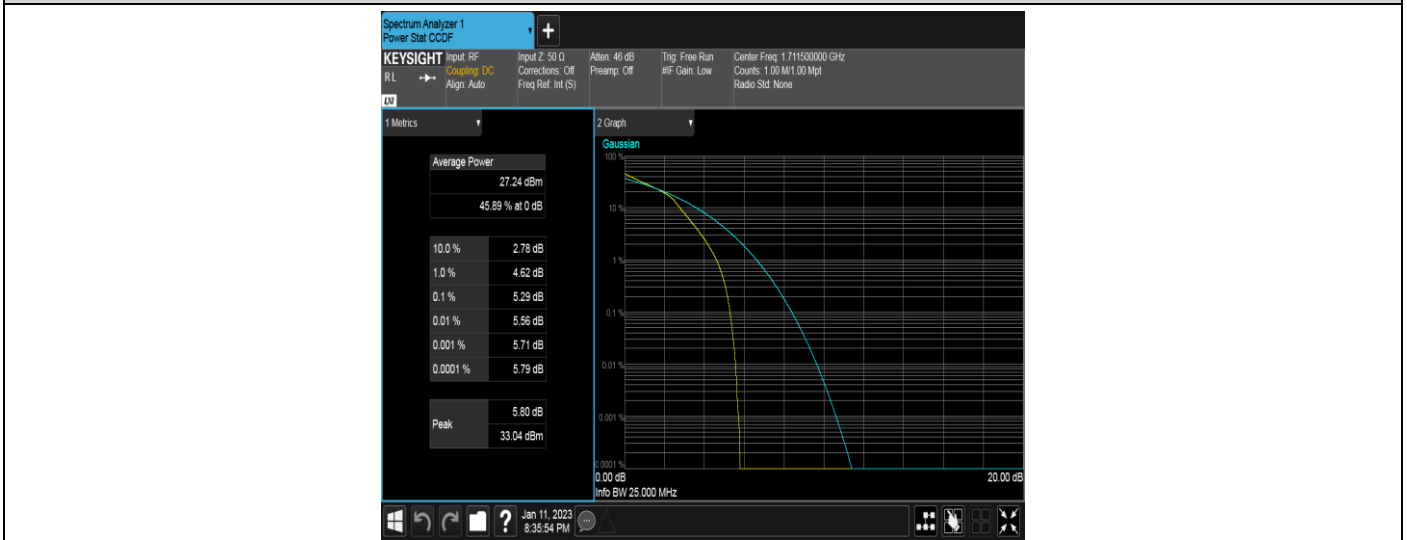
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Band4-3MHz-16QAM-19965-1RB#0



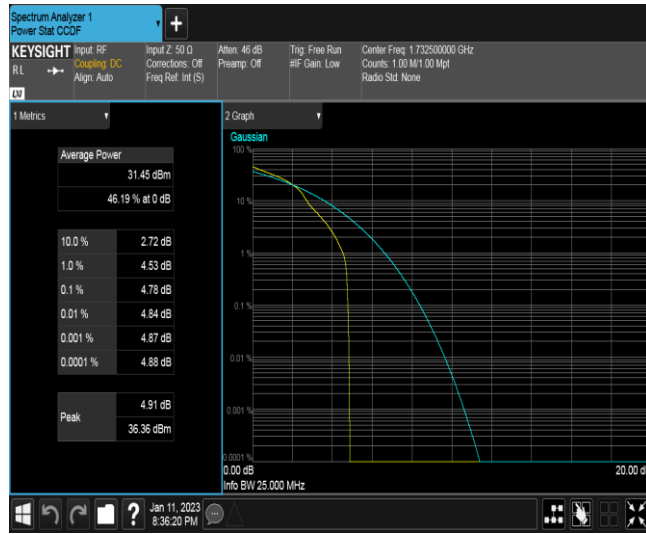
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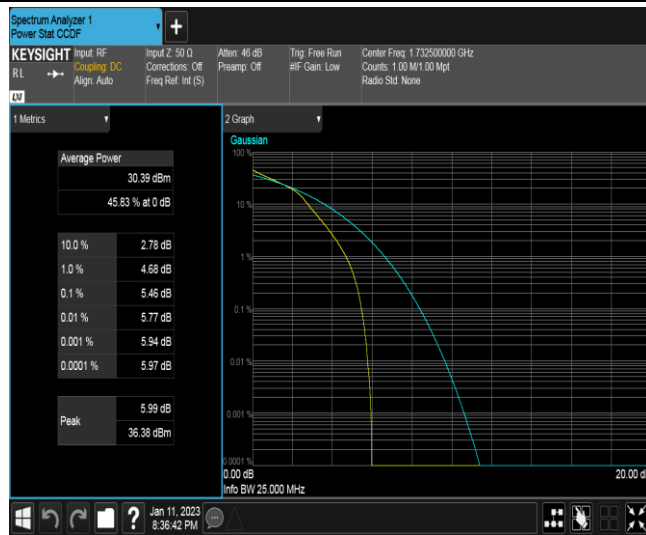
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**Band4-3MHz-16QAM-20175-1RB#0**

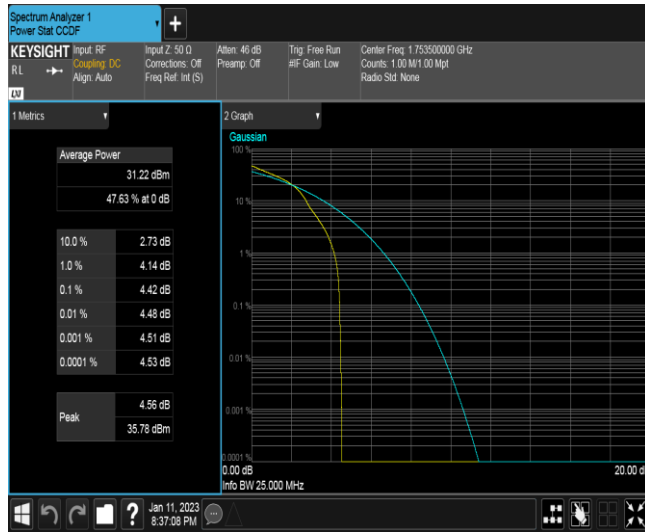


**Band4-3MHz-16QAM-20175-15RB#0**



**Band4-3MHz-16QAM-20385-1RB#0**

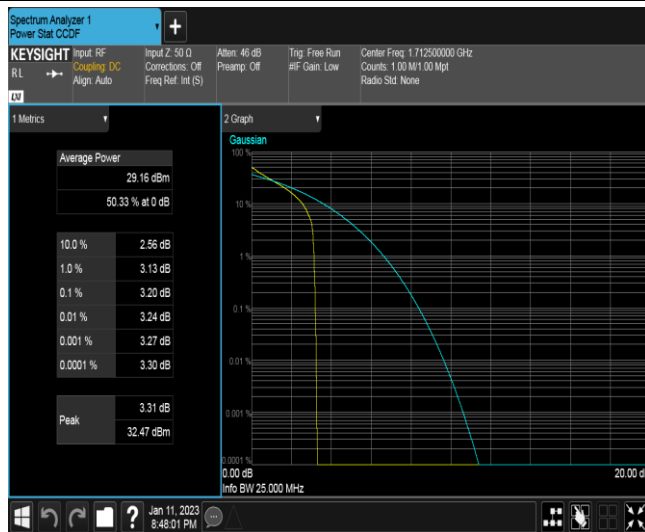
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Band4-3MHz-16QAM-20385-15RB#0

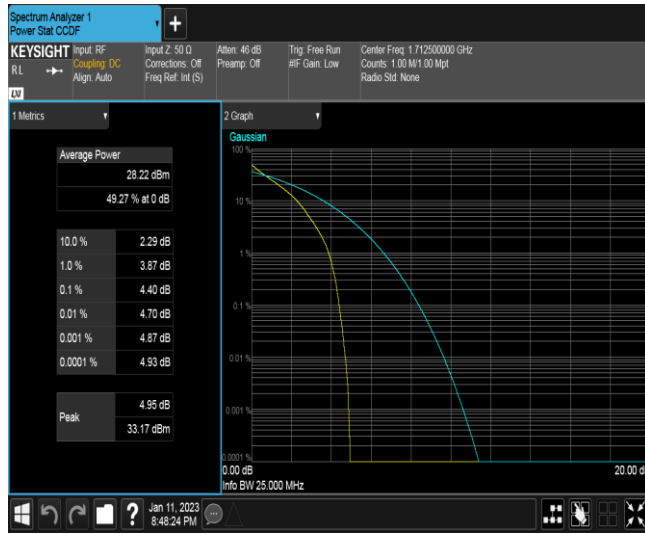


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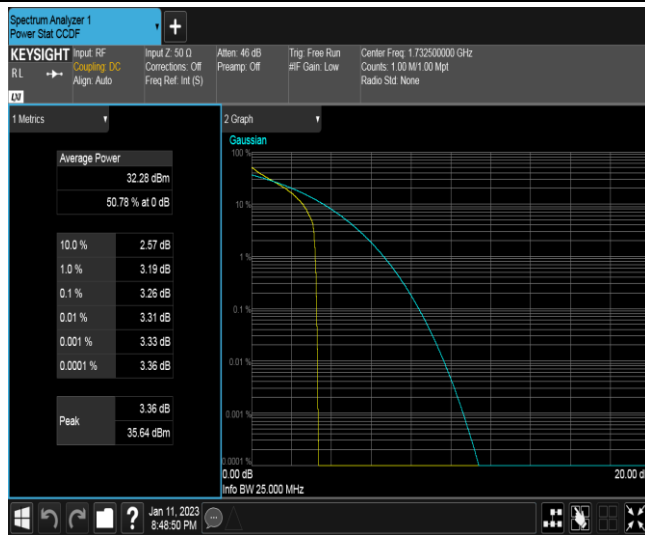


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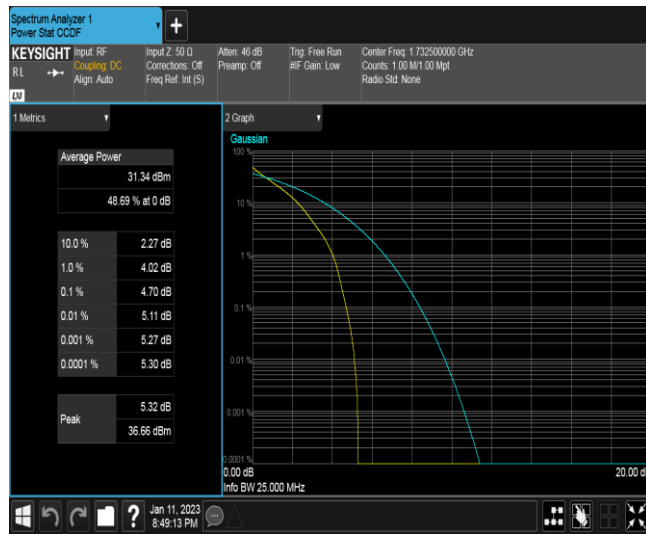


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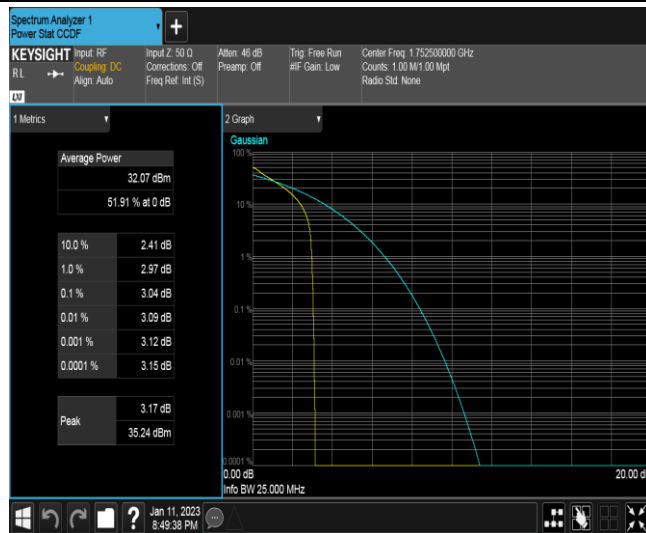


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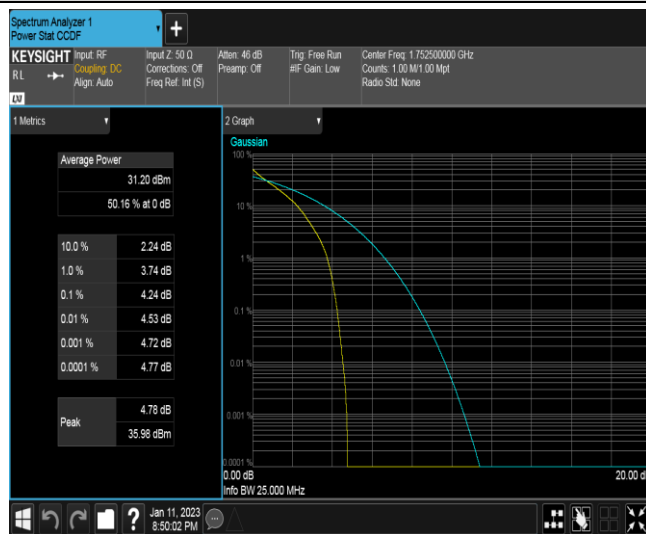
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Band4-5MHz-QPSK-20375-1RB#0

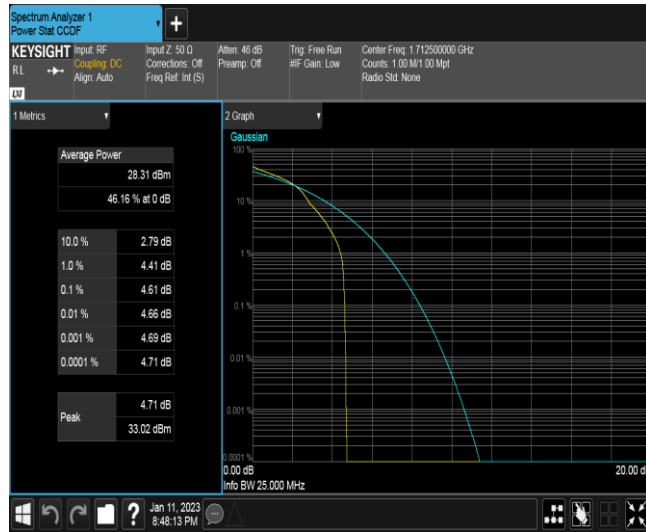


Band4-5MHz-QPSK-20375-25RB#0

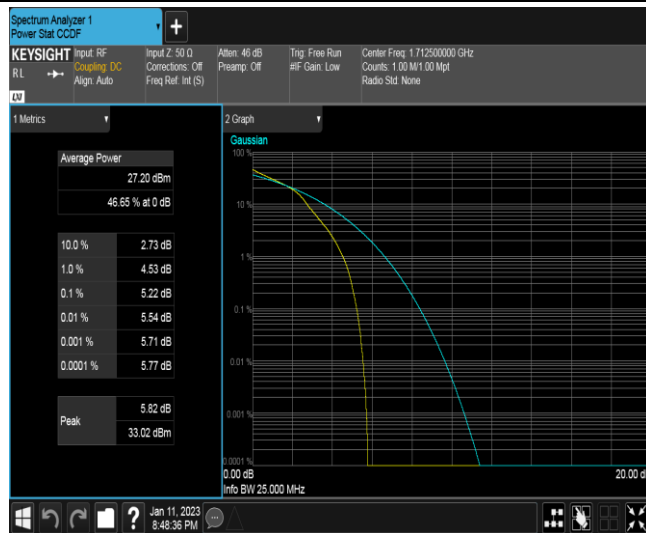


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**Band4-5MHz-16QAM-19975-1RB#0**



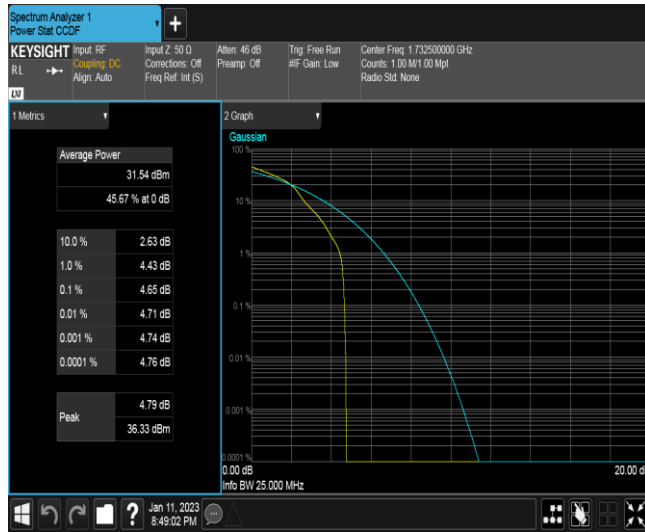
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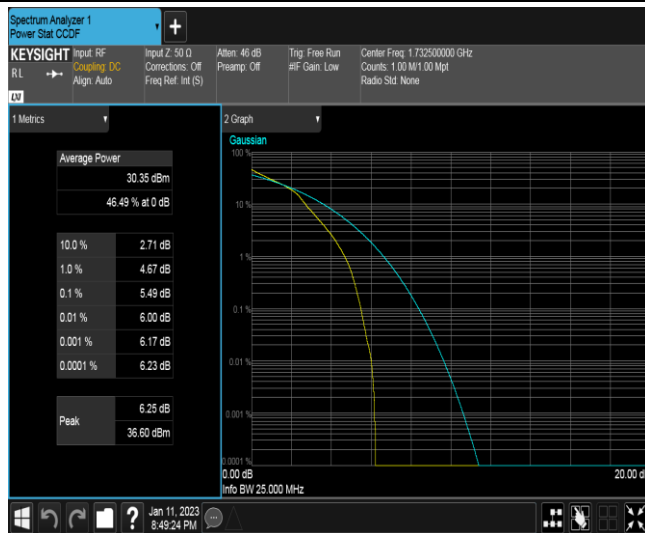
**Band4-5MHz-16QAM-20175-1RB#0**

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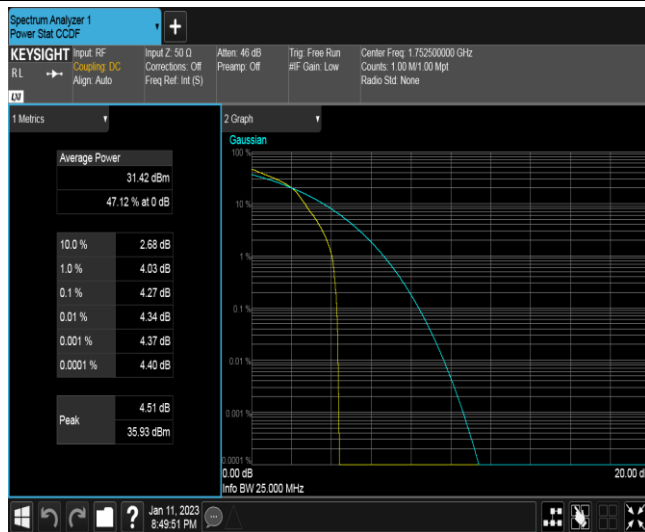




Band4-5MHz-16QAM-20175-25RB#0

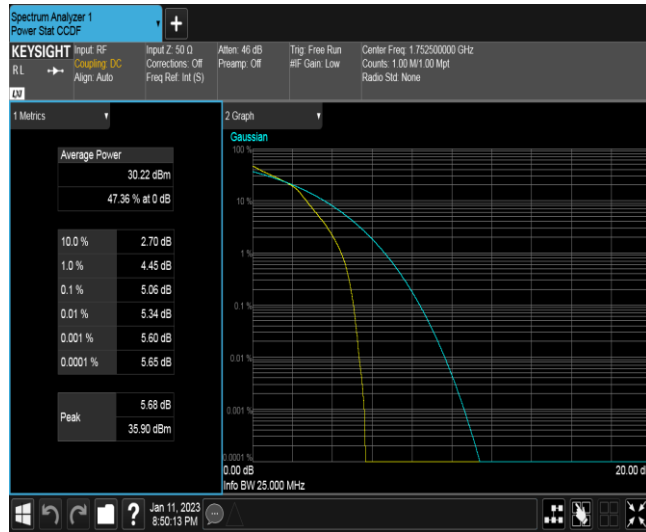


Band4-5MHz-16QAM-20375-1RB#0



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

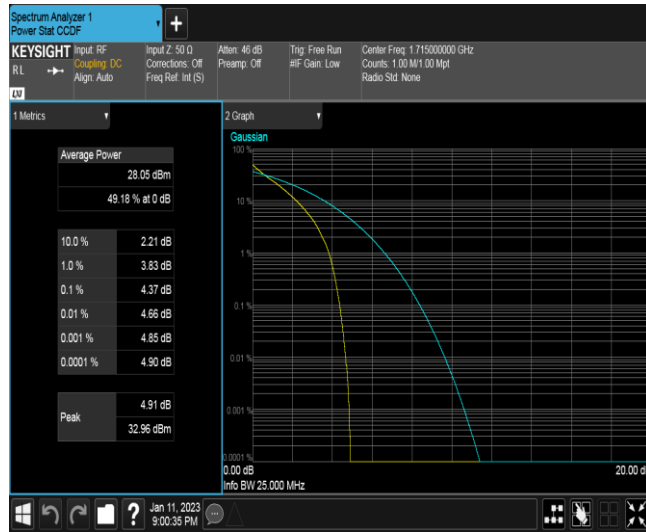


**Band4-10MHz-QPSK-20000-1RB#0**



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

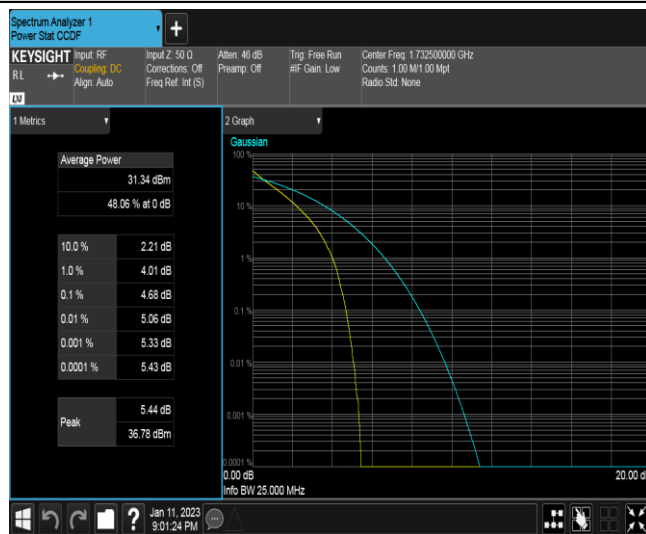
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Band4-10MHz-QPSK-20175-1RB#0

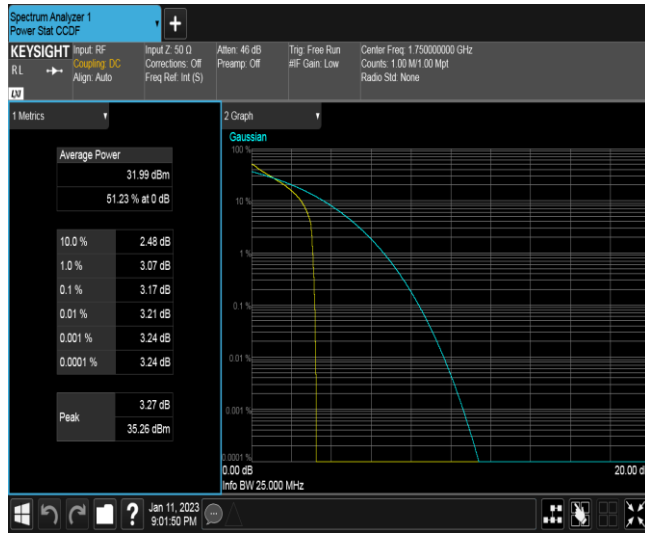


Band4-10MHz-QPSK-20175-50RB#0

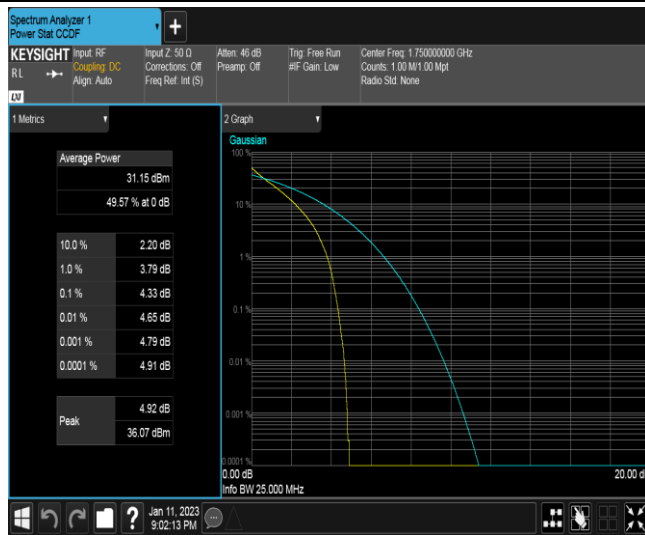


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**Band4-10MHz-QPSK-20350-1RB#0**

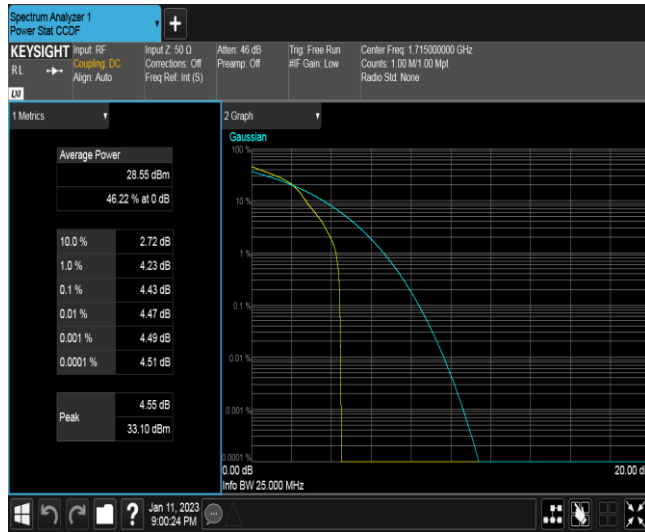


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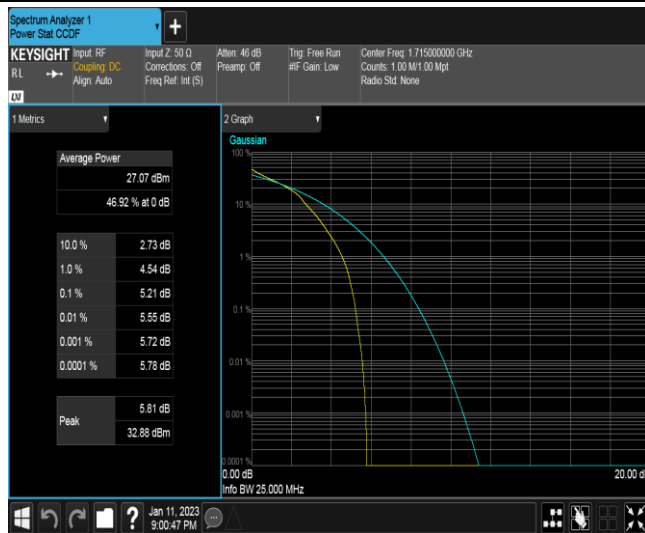


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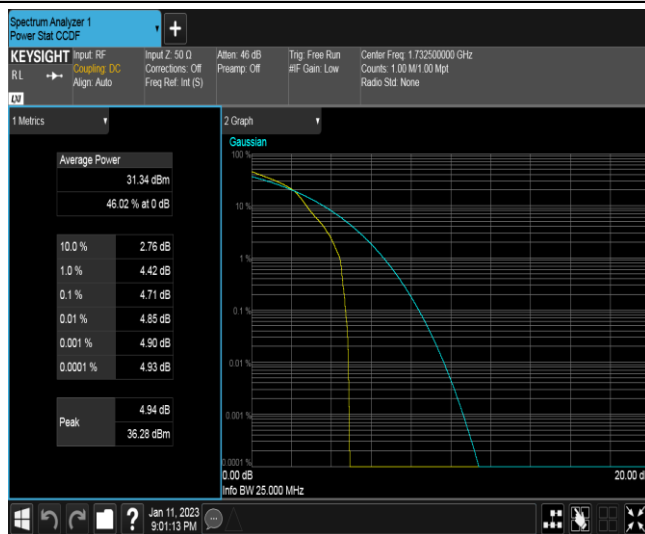
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Band4-10MHz-16QAM-20000-50RB#0



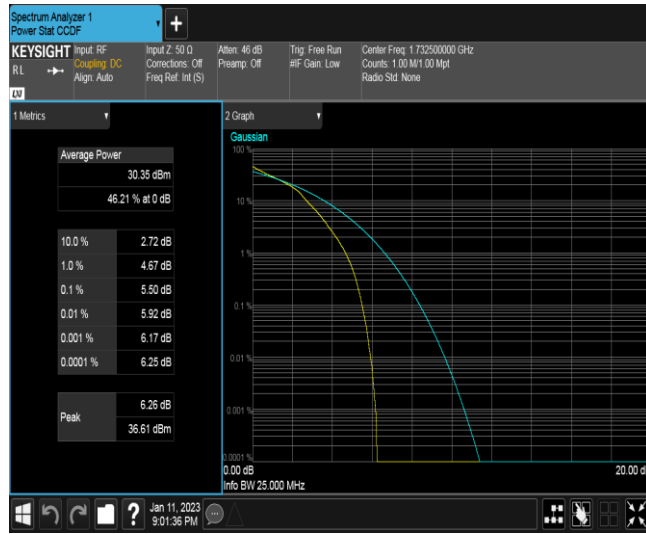
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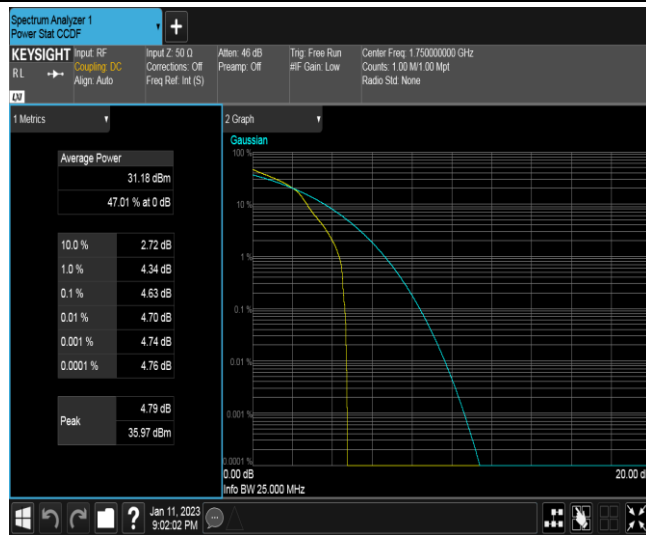
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**Band4-10MHz-16QAM-20175-50RB#0**

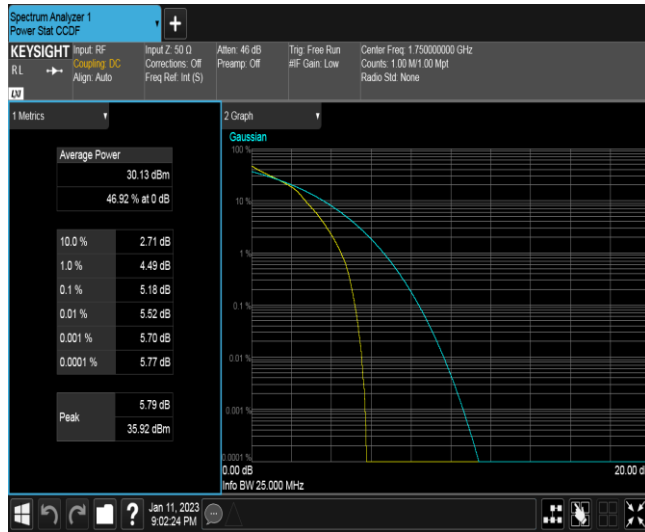


**Band4-10MHz-16QAM-20350-1RB#0**



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

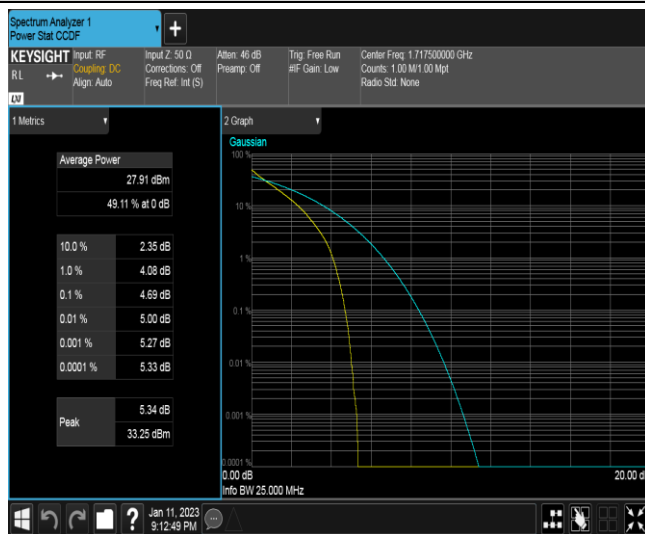
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Band4-15MHz-QPSK-20025-1RB#0

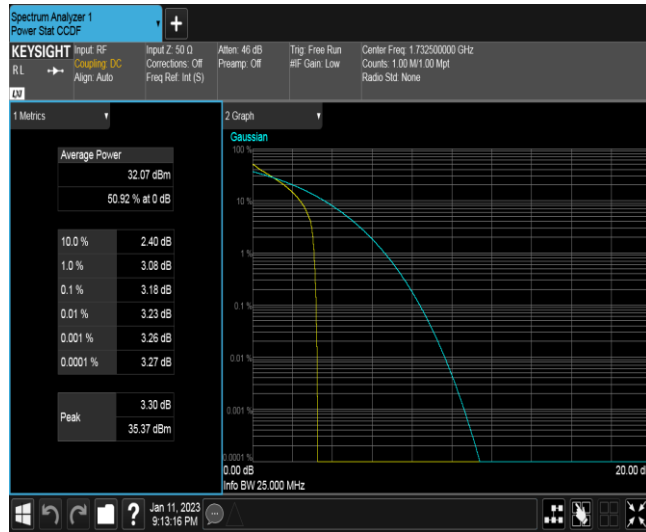


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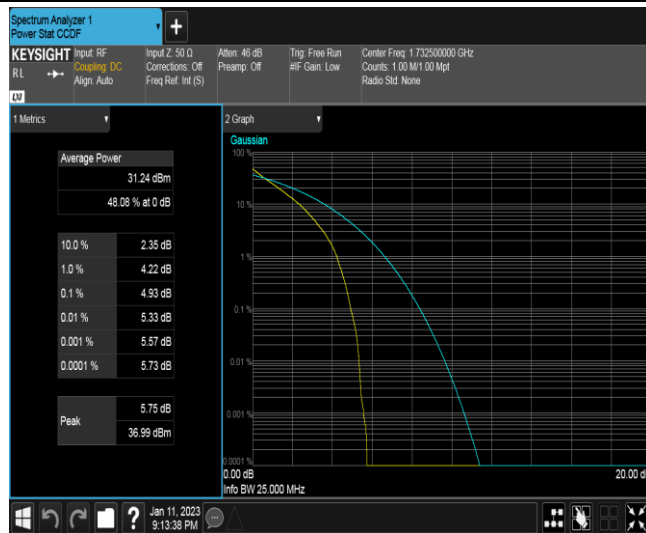


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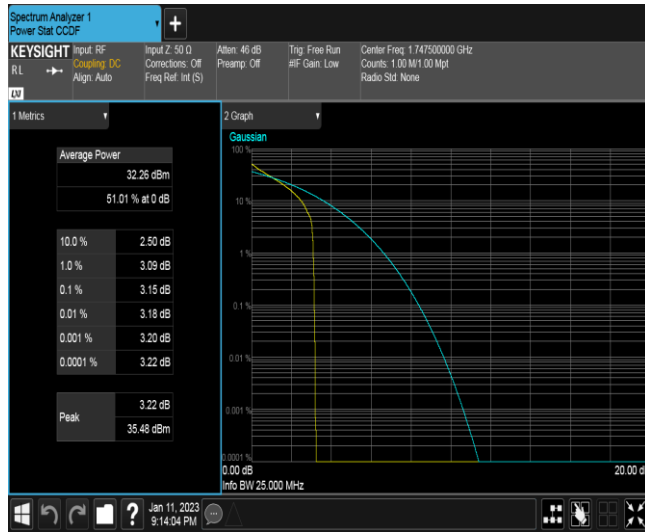


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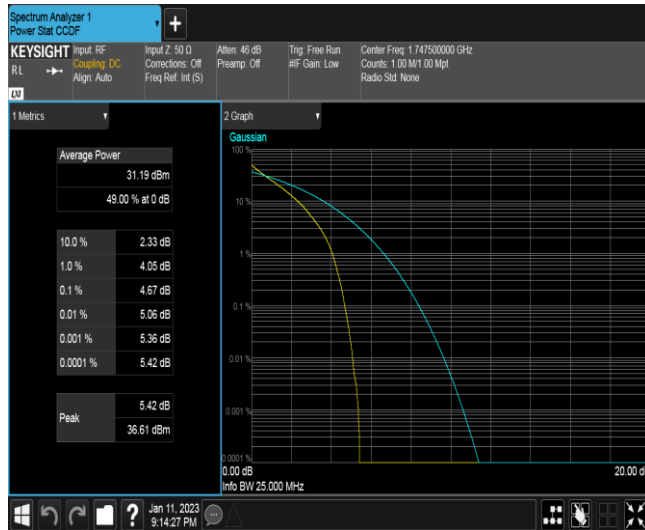


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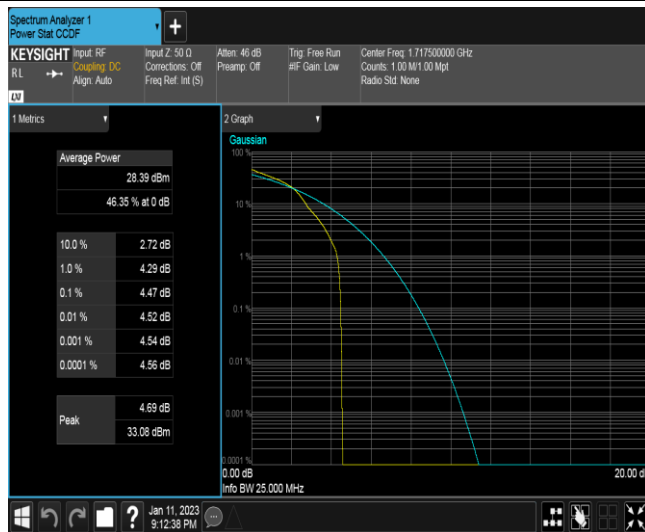
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Band4-15MHz-QPSK-20325-75RB#0

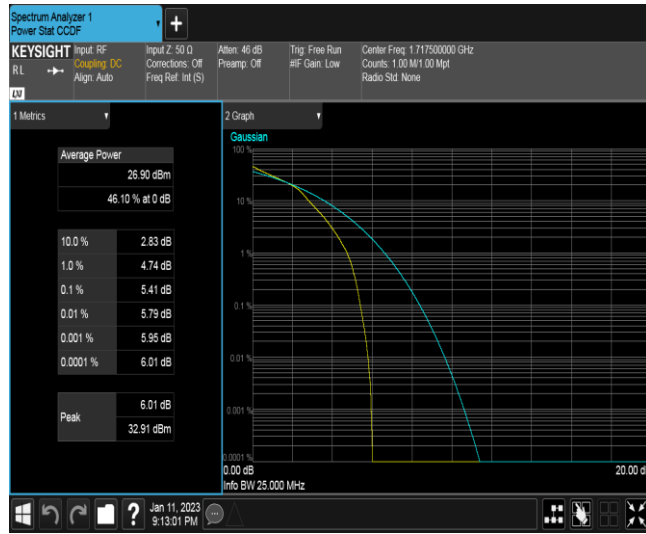


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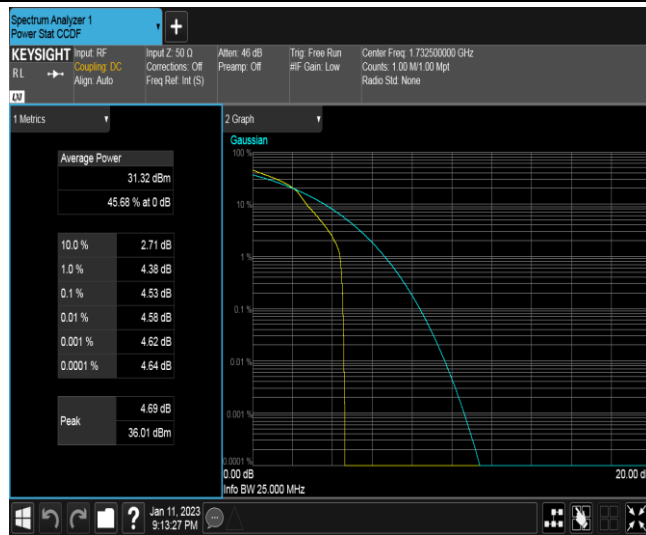


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Band4-15MHz-16QAM-20025-75RB#0

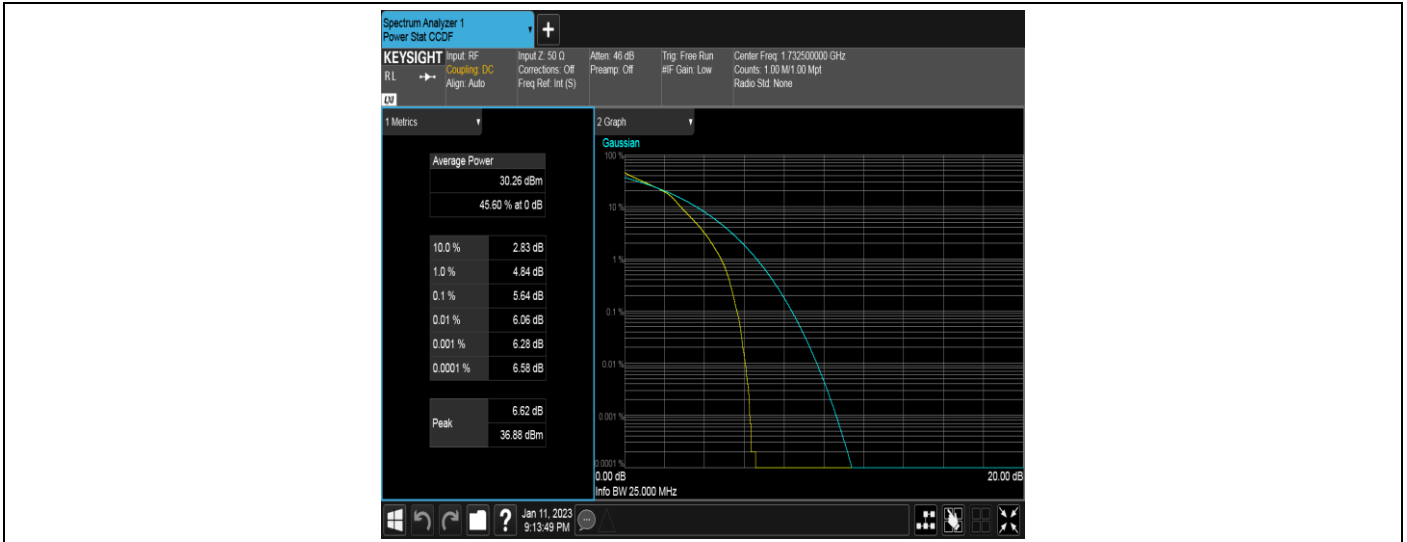


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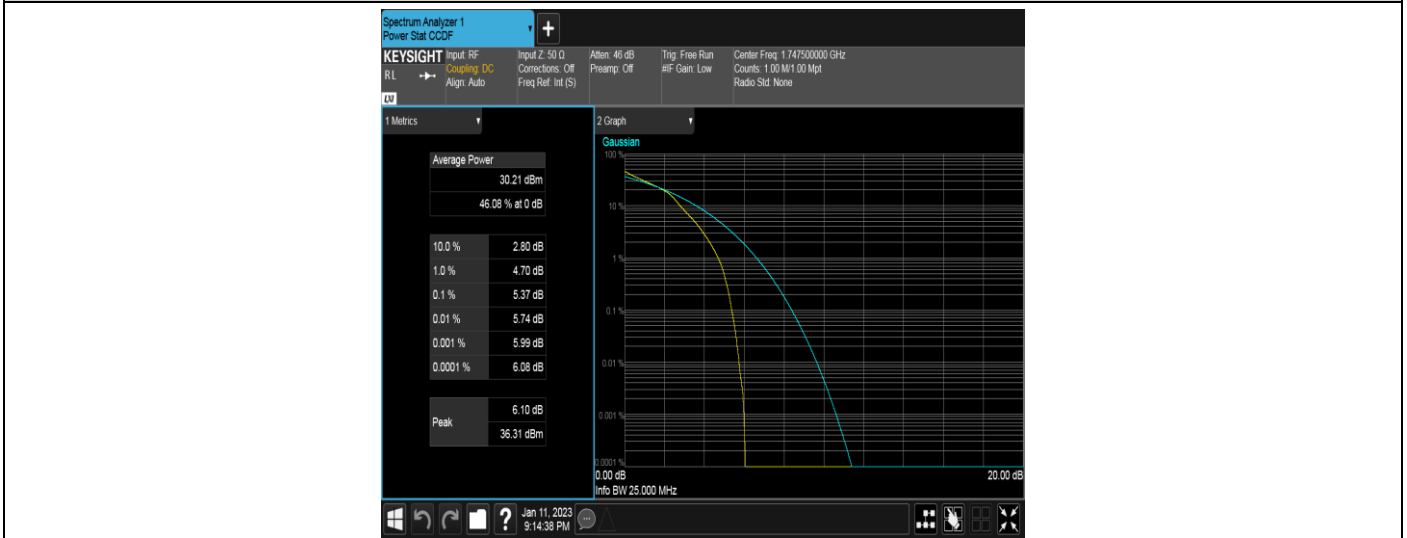
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Band4-15MHz-16QAM-20325-1RB#0



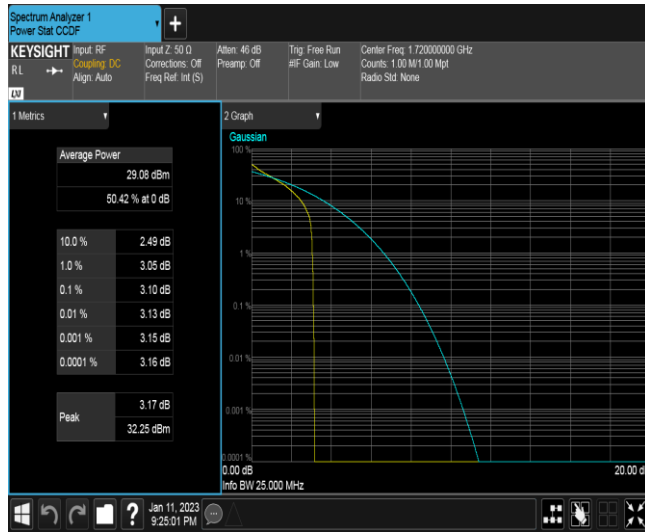
Band4-15MHz-16QAM-20325-75RB#0



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

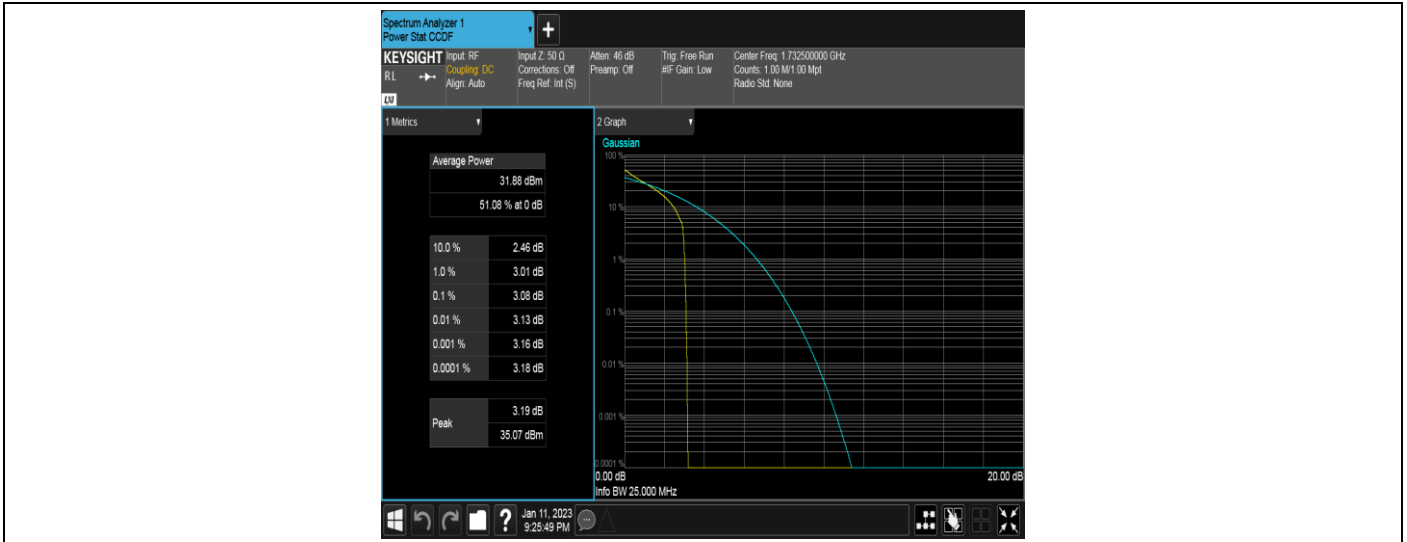


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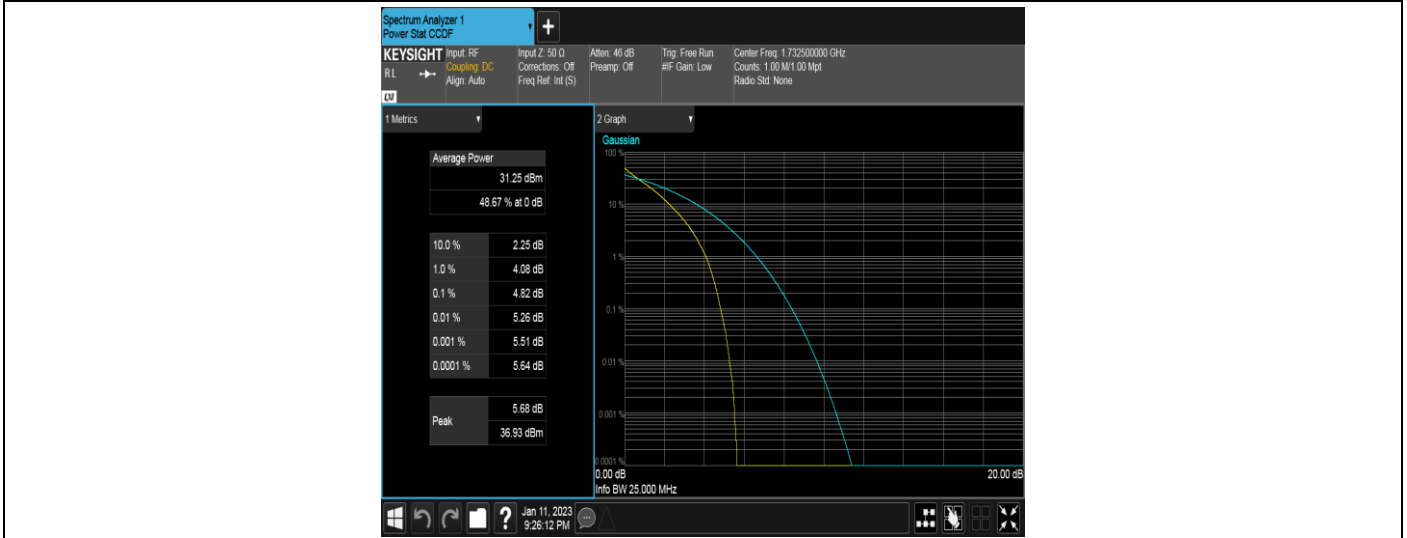


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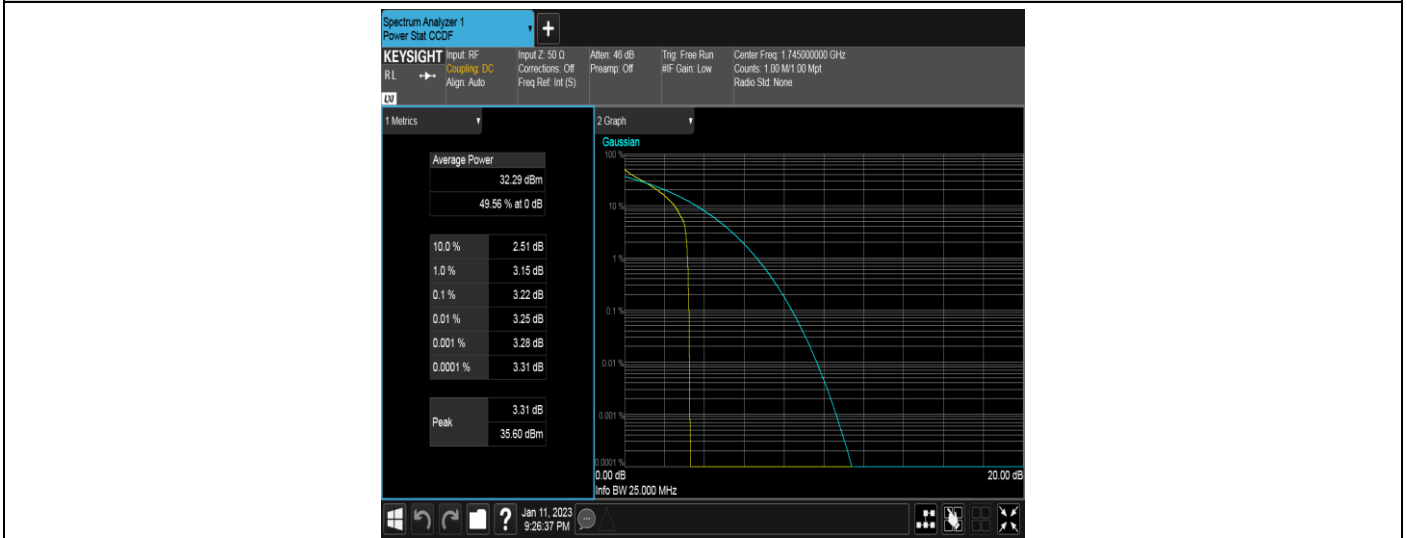
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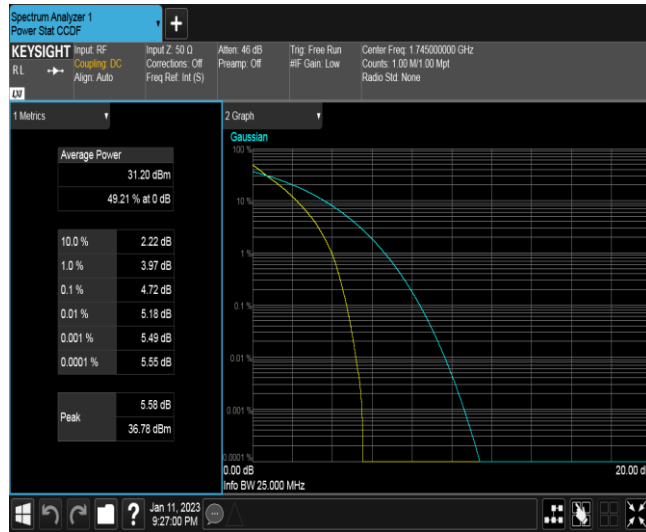


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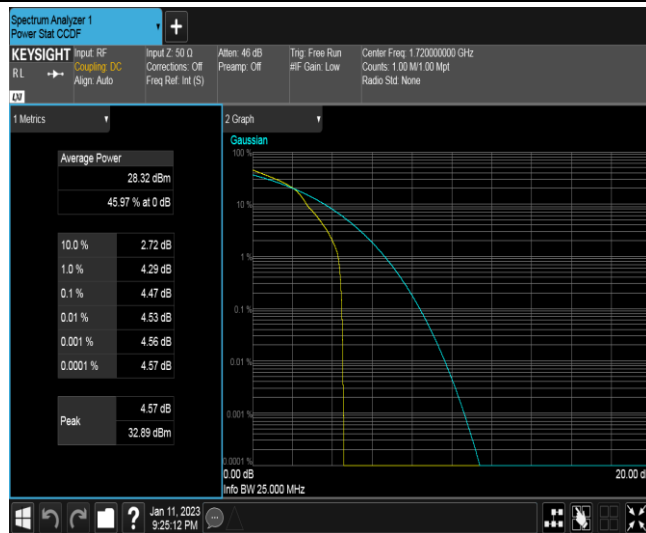


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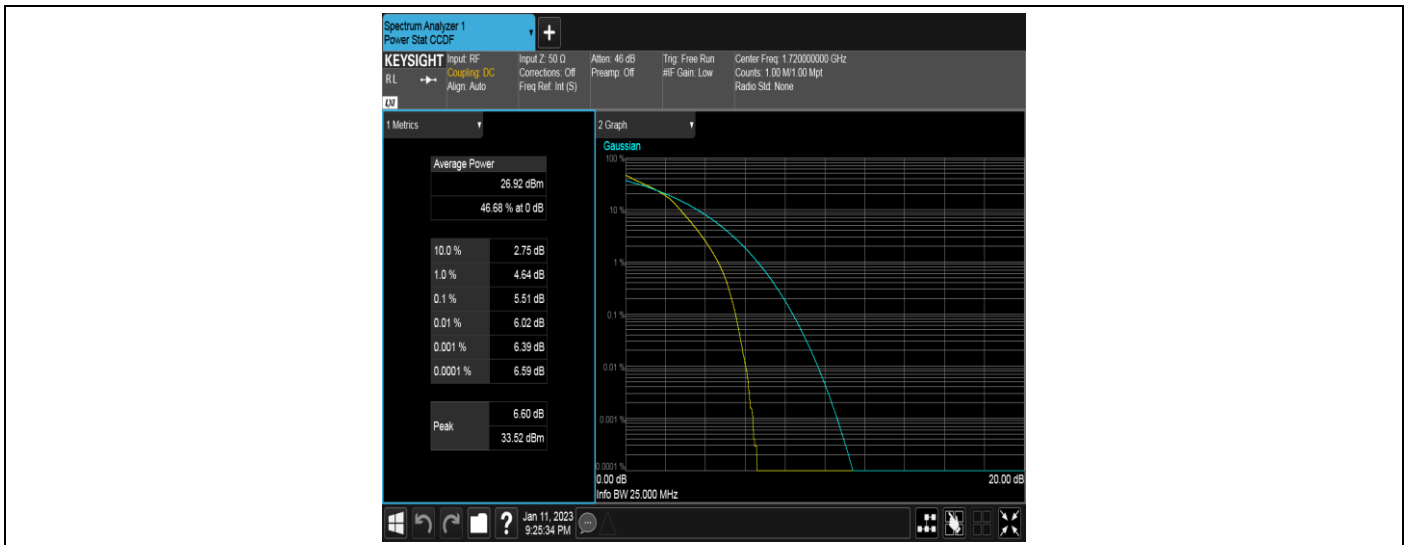


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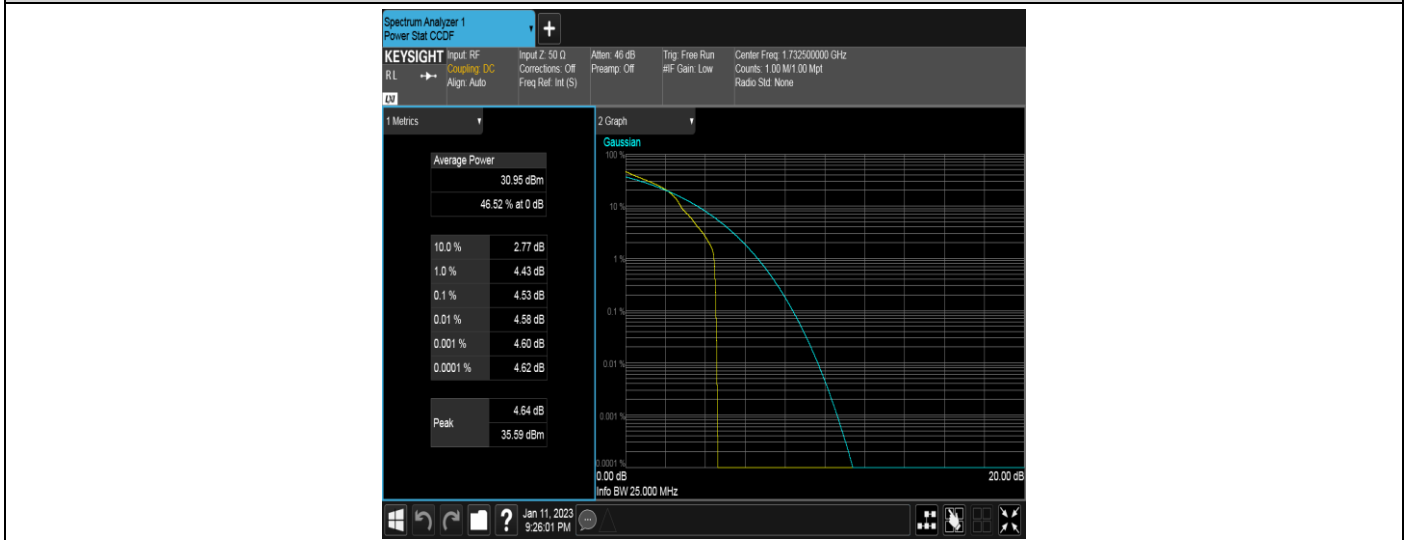


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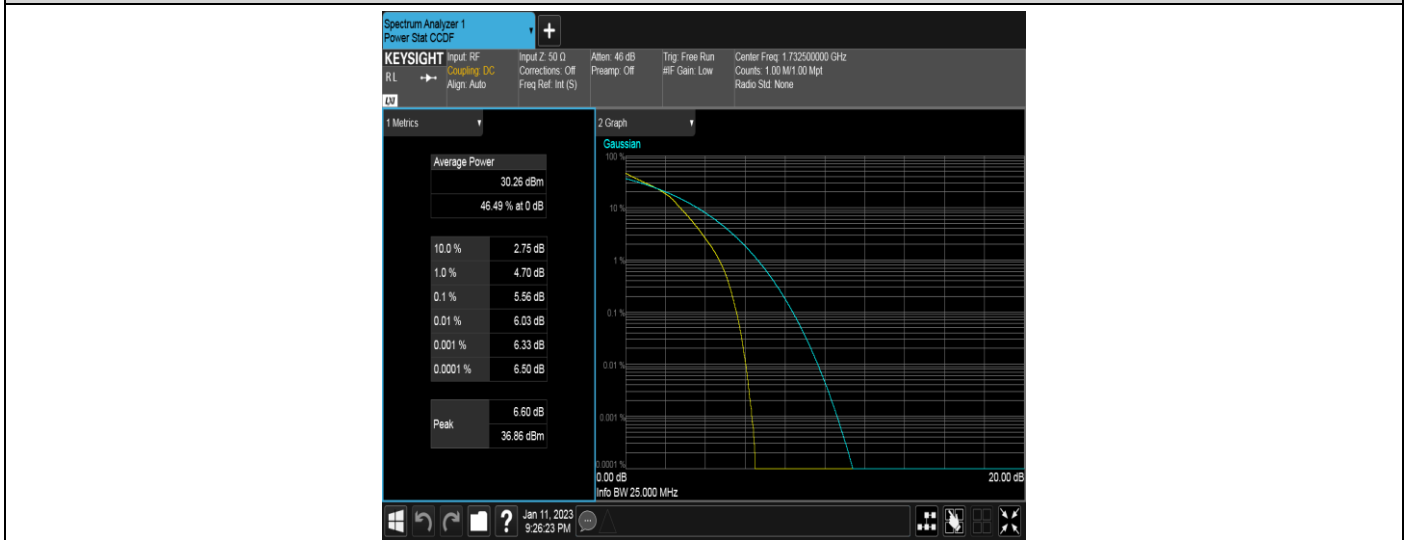
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Band4-20MHz-16QAM-20175-1RB#0

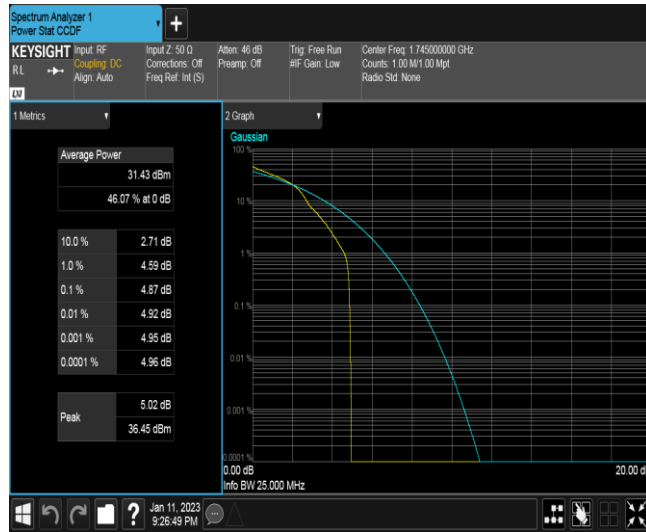


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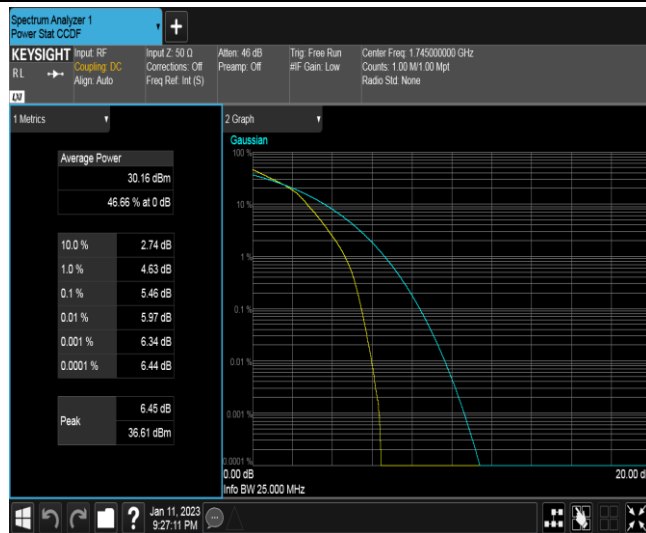


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Band4-20MHz-16QAM-20300-1RB#0



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



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## 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            | 1.0889                   | 1.222                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.0916                   | 1.226                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.0885                   | 1.176                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.0907                   | 1.226                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.0888                   | 1.228                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.0889                   | 1.213                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.6978                   | 2.908                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.6989                   | 2.936                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.6934                   | 2.930                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.6957                   | 2.947                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.6935                   | 2.921                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.6954                   | 2.921                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.5053                   | 4.898                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.5031                   | 4.865                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.5072                   | 4.844                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.5019                   | 4.882                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.5041                   | 4.899                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.5115                   | 4.879                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 8.9899                   | 9.572                | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 8.9917                   | 9.550                | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 8.9767                   | 9.546                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 8.9750                   | 9.560                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 9.0002                   | 9.525                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 8.9811                   | 9.537                | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 13.474                   | 14.30                | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 13.476                   | 14.34                | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 13.472                   | 14.28                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 13.464                   | 14.29                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20175   | 75RB#0           | 13.459                   | 14.28                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 75RB#0           | 13.467                   | 14.29                | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 17.959                   | 18.99                | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 17.950                   | 19.06                | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 17.957                   | 19.01                | PASS    |

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