

Test Data for E-UTRA Band 4

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|---|--------------------------|
| EUT: <u>Phone</u> | Model: <u>G65</u> |
| Ambient Condition: <u>25 °C, 45 %RH, 101.325 kPa</u> | |
| Test Engineer: <u>Jack Zhou</u> | |

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | EIRP(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|-----------|---------|
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#0 | 22.41 | 21.91 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#2 | 22.63 | 22.13 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#5 | 22.41 | 21.91 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#0 | 22.43 | 21.93 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#1 | 22.46 | 21.96 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#3 | 22.46 | 21.96 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | 21.52 | 21.02 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#0 | 22.34 | 21.84 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#2 | 22.42 | 21.92 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#5 | 22.36 | 21.86 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#0 | 22.47 | 21.97 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#1 | 22.45 | 21.95 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#3 | 22.47 | 21.97 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 21.43 | 20.93 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | 22.01 | 21.51 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#2 | 22.14 | 21.64 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#5 | 22.00 | 21.50 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#0 | 22.14 | 21.64 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#1 | 22.11 | 21.61 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#3 | 22.15 | 21.65 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | 21.14 | 20.64 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | 21.29 | 20.79 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#2 | 21.44 | 20.94 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5 | 21.30 | 20.80 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#0 | 21.27 | 20.77 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#1 | 21.30 | 20.80 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#3 | 21.24 | 20.74 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 20.43 | 19.93 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0 | 21.50 | 21.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2 | 21.66 | 21.16 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5 | 21.54 | 21.04 | PASS |

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|-------|--------|-------|-------|--------|-------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0 | 21.39 | 20.89 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1 | 21.36 | 20.86 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3 | 21.31 | 20.81 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 20.51 | 20.01 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | 21.18 | 20.68 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2 | 21.45 | 20.95 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | 21.16 | 20.66 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0 | 21.00 | 20.50 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1 | 21.02 | 20.52 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3 | 21.03 | 20.53 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 20.04 | 19.54 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#0 | 22.42 | 21.92 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#8 | 22.44 | 21.94 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#14 | 22.46 | 21.96 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#0 | 21.50 | 21.00 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#4 | 21.47 | 20.97 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#7 | 21.51 | 21.01 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | 21.49 | 20.99 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#0 | 22.46 | 21.96 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#8 | 22.51 | 22.01 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#14 | 22.45 | 21.95 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#0 | 21.46 | 20.96 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#4 | 21.49 | 20.99 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#7 | 21.41 | 20.91 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 21.46 | 20.96 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#0 | 22.18 | 21.68 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#8 | 22.14 | 21.64 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#14 | 22.13 | 21.63 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#0 | 21.20 | 20.70 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#4 | 21.19 | 20.69 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#7 | 21.19 | 20.69 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | 21.14 | 20.64 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0 | 21.66 | 21.16 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#8 | 21.56 | 21.06 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14 | 21.56 | 21.06 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0 | 20.52 | 20.02 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4 | 20.53 | 20.03 | PASS |

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|-------|------|-------|-------|---------|-------|-------|------|
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7 | 20.52 | 20.02 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 20.47 | 19.97 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0 | 21.64 | 21.14 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8 | 21.56 | 21.06 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14 | 21.59 | 21.09 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0 | 20.48 | 19.98 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4 | 20.50 | 20.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7 | 20.46 | 19.96 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 20.38 | 19.88 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0 | 21.02 | 20.52 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8 | 21.08 | 20.58 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | 21.05 | 20.55 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0 | 20.16 | 19.66 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4 | 20.16 | 19.66 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7 | 20.22 | 19.72 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 20.02 | 19.52 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#0 | 22.40 | 21.90 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#12 | 22.47 | 21.97 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#24 | 22.51 | 22.01 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#0 | 21.42 | 20.92 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#6 | 21.42 | 20.92 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#13 | 21.45 | 20.95 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | 21.45 | 20.95 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#0 | 22.40 | 21.90 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#12 | 22.52 | 22.02 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#24 | 22.35 | 21.85 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#0 | 21.48 | 20.98 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#6 | 21.43 | 20.93 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#13 | 21.36 | 20.86 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 25RB#0 | 21.43 | 20.93 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#0 | 22.15 | 21.65 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#12 | 22.21 | 21.71 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#24 | 22.09 | 21.59 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#0 | 21.07 | 20.57 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#6 | 21.09 | 20.59 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#13 | 21.07 | 20.57 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | 21.09 | 20.59 | PASS |

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|-------|-------|-------|-------|---------|-------|-------|------|
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0 | 21.40 | 20.90 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12 | 21.51 | 21.01 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24 | 21.34 | 20.84 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0 | 20.33 | 19.83 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6 | 20.40 | 19.90 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 20.39 | 19.89 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 20.45 | 19.95 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0 | 21.64 | 21.14 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12 | 21.74 | 21.24 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24 | 21.59 | 21.09 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0 | 20.48 | 19.98 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6 | 20.46 | 19.96 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 20.42 | 19.92 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 20.38 | 19.88 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0 | 21.11 | 20.61 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#12 | 21.17 | 20.67 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24 | 21.02 | 20.52 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0 | 20.07 | 19.57 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#6 | 20.04 | 19.54 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#13 | 20.08 | 19.58 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | 20.06 | 19.56 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#0 | 22.35 | 21.85 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#24 | 22.47 | 21.97 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#49 | 22.36 | 21.86 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#0 | 21.44 | 20.94 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#12 | 21.41 | 20.91 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#25 | 21.41 | 20.91 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | 21.46 | 20.96 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#0 | 22.42 | 21.92 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#24 | 22.49 | 21.99 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#49 | 22.36 | 21.86 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#0 | 21.53 | 21.03 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#12 | 21.53 | 21.03 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#25 | 21.43 | 20.93 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 21.49 | 20.99 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#0 | 22.22 | 21.72 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#24 | 22.26 | 21.76 | PASS |

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|-------|-------|-------|-------|---------|-------|-------|------|
| Band4 | 10MHz | QPSK | 20350 | 1RB#49 | 22.15 | 21.65 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#0 | 21.19 | 20.69 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#12 | 21.17 | 20.67 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#25 | 21.16 | 20.66 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | 21.17 | 20.67 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 21.57 | 21.07 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24 | 21.76 | 21.26 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49 | 21.59 | 21.09 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0 | 20.43 | 19.93 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 20.42 | 19.92 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 20.41 | 19.91 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 20.42 | 19.92 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 21.57 | 21.07 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24 | 21.83 | 21.33 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49 | 21.59 | 21.09 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0 | 20.53 | 20.03 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 20.50 | 20.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 20.47 | 19.97 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 20.52 | 20.02 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 21.13 | 20.63 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24 | 21.13 | 20.63 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49 | 21.07 | 20.57 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0 | 20.20 | 19.70 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 20.21 | 19.71 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 20.17 | 19.67 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 20.13 | 19.63 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#0 | 22.35 | 21.85 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#38 | 22.39 | 21.89 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#74 | 22.31 | 21.81 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 38RB#0 | 21.48 | 20.98 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 38RB#18 | 21.52 | 21.02 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 38RB#37 | 21.52 | 21.02 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | 21.50 | 21.00 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#0 | 22.29 | 21.79 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#38 | 22.40 | 21.90 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#74 | 22.25 | 21.75 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 38RB#0 | 21.49 | 20.99 | PASS |

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|-------|-------|-------|-------|---------|-------|--------------|------|
| Band4 | 15MHz | QPSK | 20175 | 38RB#18 | 21.51 | 21.01 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 38RB#37 | 21.50 | 21.00 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 21.45 | 20.95 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#0 | 22.22 | 21.72 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#38 | 22.25 | 21.75 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#74 | 22.12 | 21.62 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 38RB#0 | 21.21 | 20.71 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 38RB#18 | 21.22 | 20.72 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 38RB#37 | 21.19 | 20.69 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | 21.25 | 20.75 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 21.45 | 20.95 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38 | 21.58 | 21.08 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74 | 21.53 | 21.03 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0 | 21.53 | 21.03 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 21.49 | 20.99 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 21.52 | 21.02 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | 20.44 | 19.94 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 21.62 | 21.12 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38 | 21.73 | 21.23 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74 | 21.56 | 21.06 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0 | 21.48 | 20.98 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.46 | 20.96 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 21.50 | 21.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 20.47 | 19.97 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 21.11 | 20.61 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38 | 21.13 | 20.63 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74 | 20.95 | 20.45 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0 | 21.22 | 20.72 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 21.21 | 20.71 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 21.22 | 20.72 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 20.17 | 19.67 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | 22.25 | 21.75 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#49 | 22.66 | 22.16 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#99 | 22.34 | 21.84 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#0 | 21.47 | 20.97 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#25 | 21.45 | 20.95 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#50 | 21.42 | 20.92 | PASS |

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|-------|-------|-------|-------|---------|-------|-------|------|
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 21.43 | 20.93 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#0 | 22.20 | 21.70 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#49 | 22.57 | 22.07 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#99 | 22.14 | 21.64 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#0 | 21.55 | 21.05 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#25 | 21.56 | 21.06 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#50 | 21.42 | 20.92 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 21.49 | 20.99 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | 22.05 | 21.55 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#49 | 22.19 | 21.69 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#99 | 21.77 | 21.27 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#0 | 21.23 | 20.73 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#25 | 21.28 | 20.78 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#50 | 21.10 | 20.60 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 21.21 | 20.71 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 21.26 | 20.76 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49 | 21.49 | 20.99 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99 | 21.36 | 20.86 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0 | 20.42 | 19.92 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 20.44 | 19.94 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 20.36 | 19.86 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 20.41 | 19.91 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 21.38 | 20.88 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49 | 21.71 | 21.21 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99 | 21.35 | 20.85 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0 | 20.54 | 20.04 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 20.54 | 20.04 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 20.42 | 19.92 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 20.46 | 19.96 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 21.18 | 20.68 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49 | 21.25 | 20.75 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99 | 20.90 | 20.40 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0 | 20.25 | 19.75 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 20.32 | 19.82 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 20.16 | 19.66 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 20.23 | 19.73 | PASS |

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

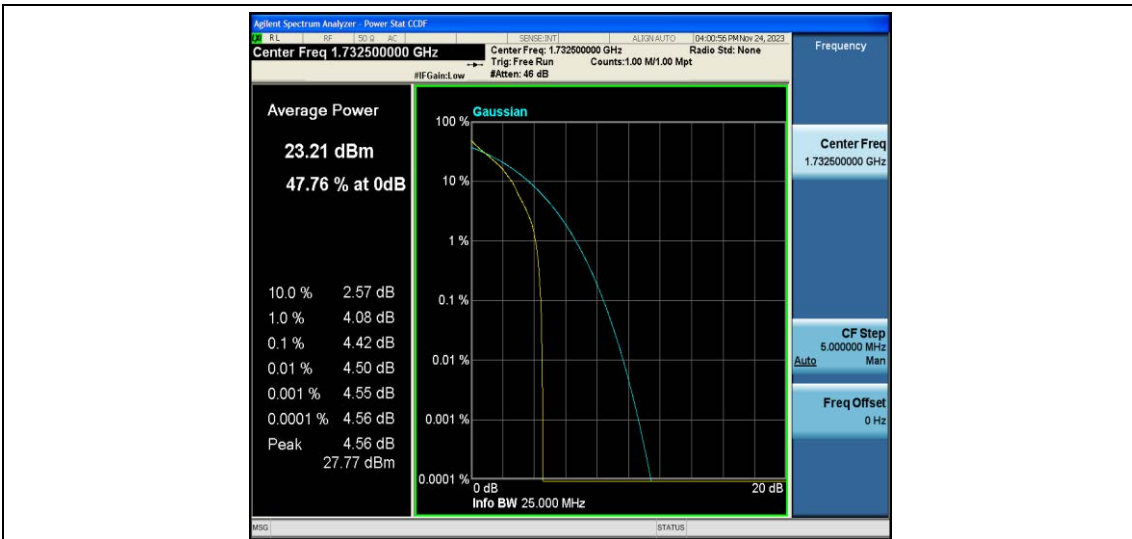
Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#0 | 4.43 | 13 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | 4.94 | 13 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#0 | 4.42 | 13 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 5.10 | 13 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | 4.39 | 13 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | 4.86 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | 5.31 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 5.75 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0 | 5.32 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 5.89 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | 5.29 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 5.67 | 13 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#0 | 4.28 | 13 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | 4.92 | 13 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#0 | 4.25 | 13 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 5.13 | 13 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#0 | 4.29 | 13 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | 4.94 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0 | 5.13 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 5.76 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0 | 5.03 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 6.01 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0 | 5.17 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 5.80 | 13 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#0 | 4.50 | 13 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | 4.92 | 13 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#0 | 4.30 | 13 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 25RB#0 | 5.22 | 13 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#0 | 4.66 | 13 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | 5.01 | 13 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0 | 5.18 | 13 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 5.69 | 13 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0 | 5.13 | 13 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 5.97 | 13 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0 | 5.35 | 13 | PASS |

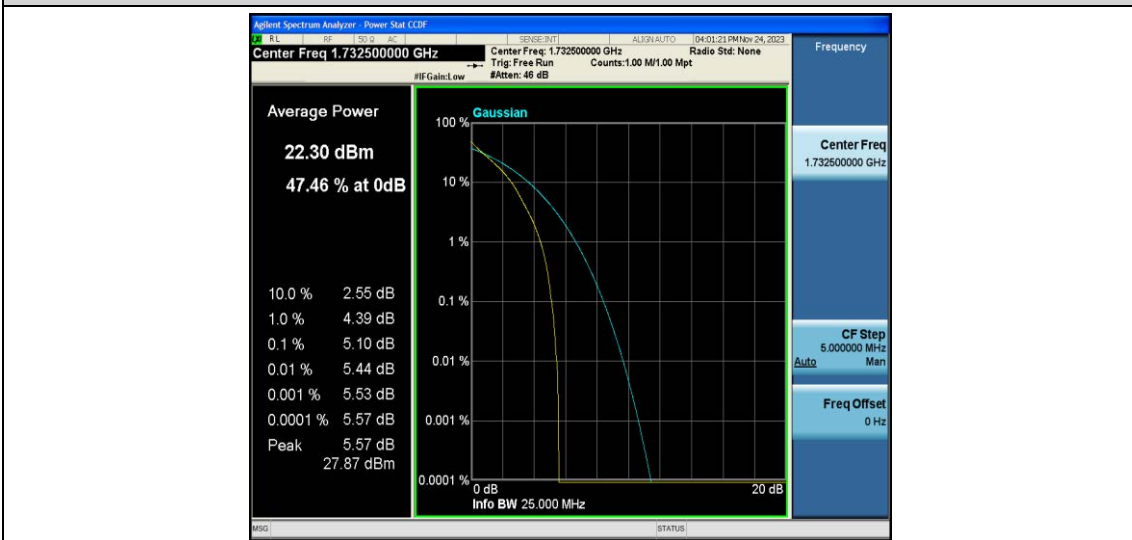
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|-------|-------|-------|-------|---------|------|----|------|
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | 5.77 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#0 | 4.35 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | 4.83 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#0 | 4.20 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 5.22 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#0 | 4.81 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | 5.12 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 5.17 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 5.68 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 4.99 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 6.01 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 5.64 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 5.89 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#0 | 4.40 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | 5.16 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#0 | 4.21 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 5.53 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#0 | 5.02 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | 5.48 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 5.13 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | 5.84 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 5.04 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 6.16 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 5.74 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 6.03 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | 4.40 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 5.12 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#0 | 4.22 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 5.40 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | 4.89 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 5.37 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 5.04 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 5.96 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 4.89 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 6.14 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 5.50 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 6.10 | 13 | PASS |

Test Graphs

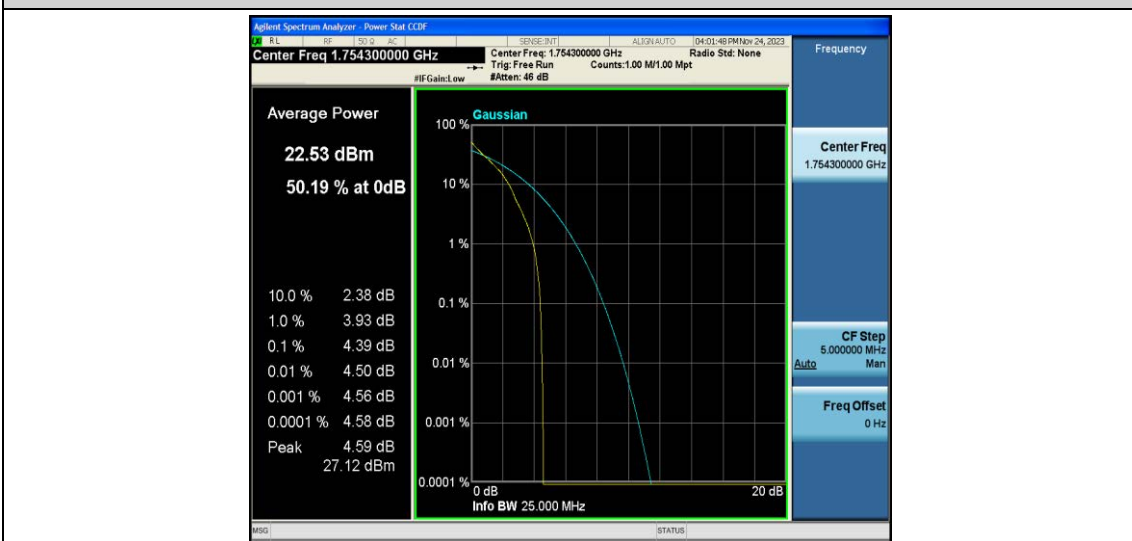




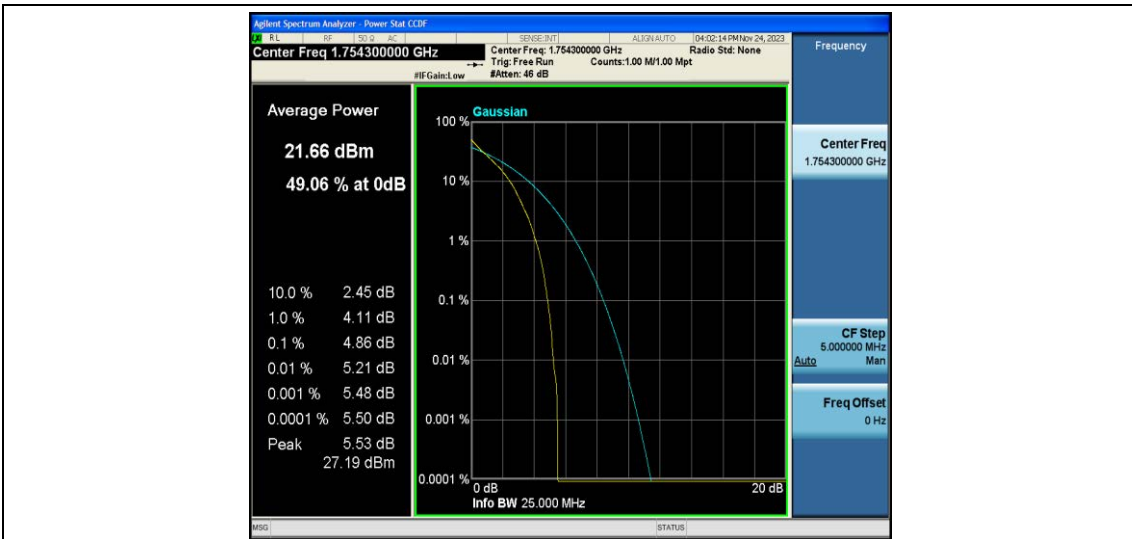
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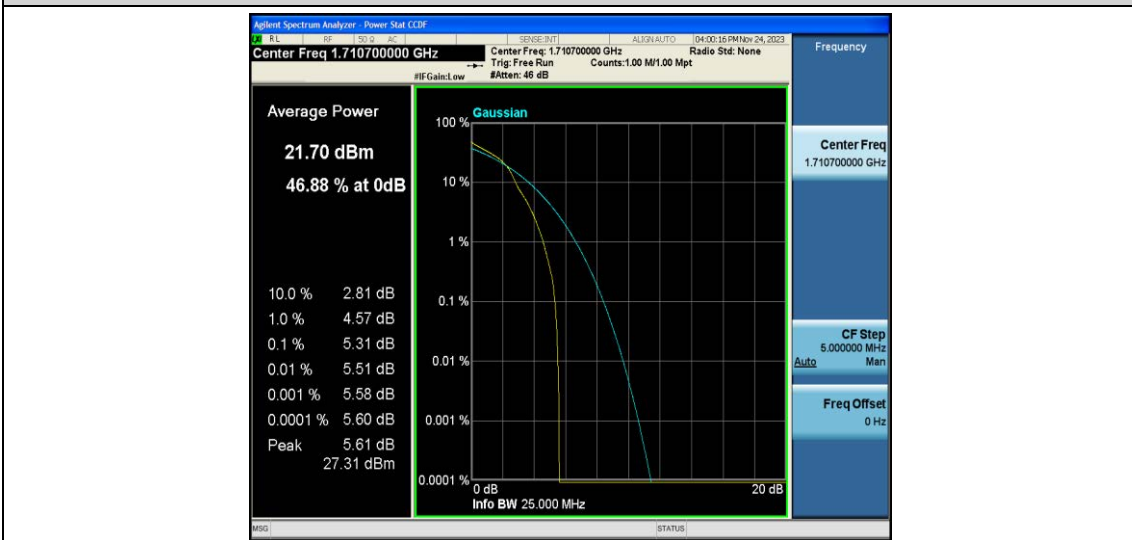
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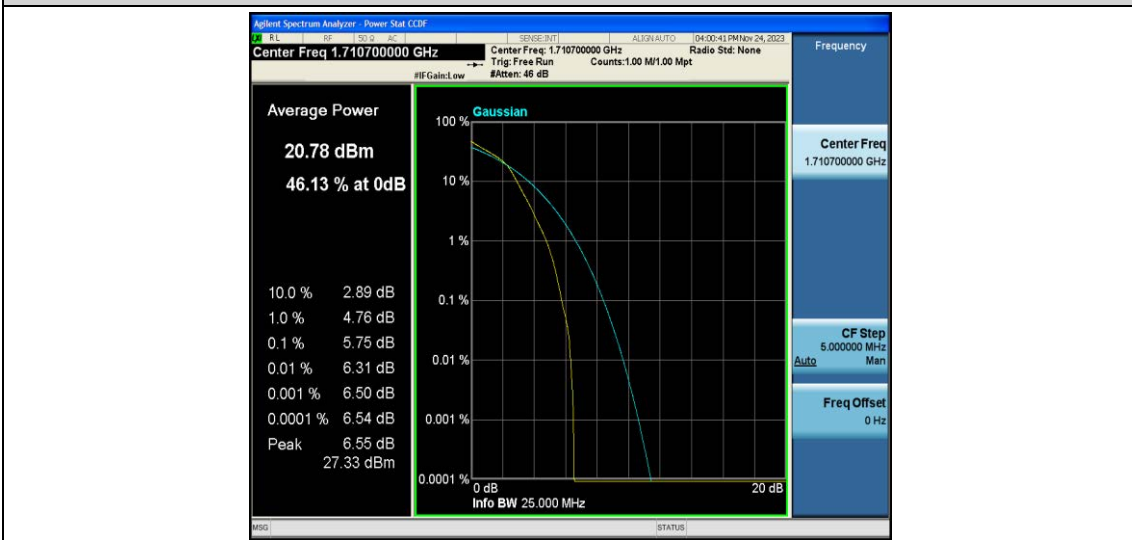
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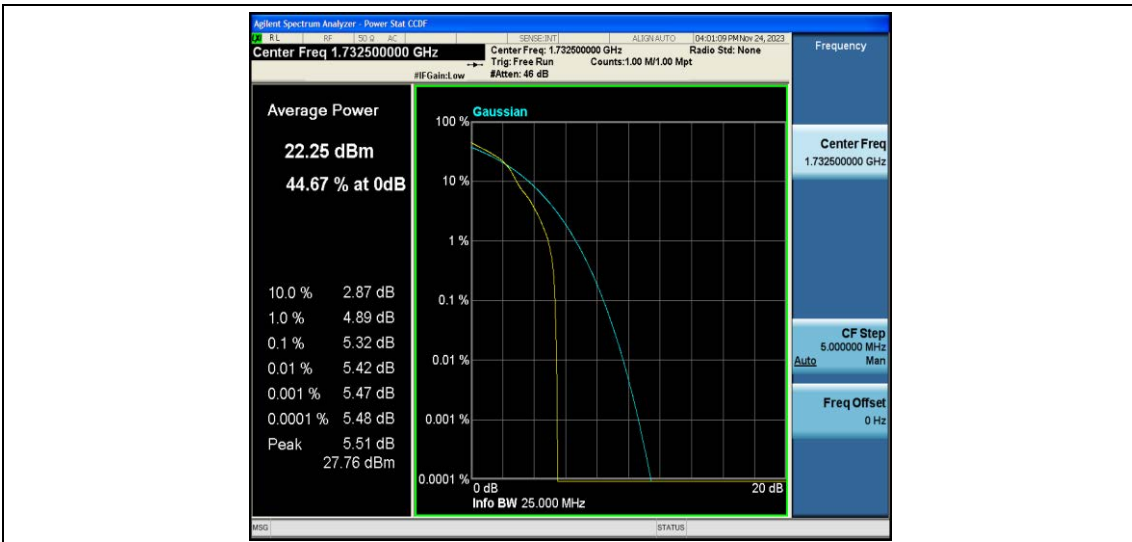
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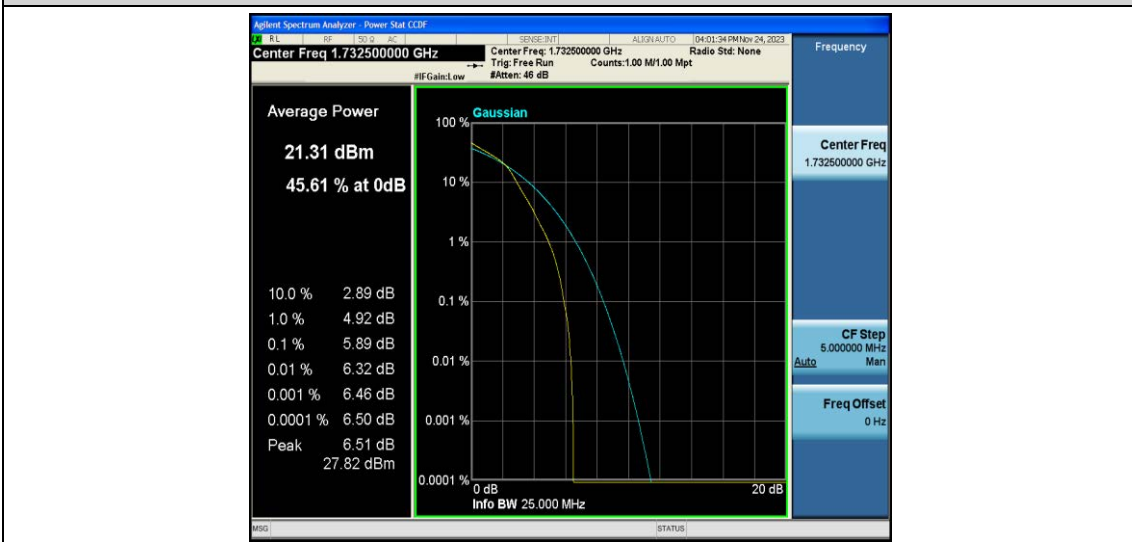
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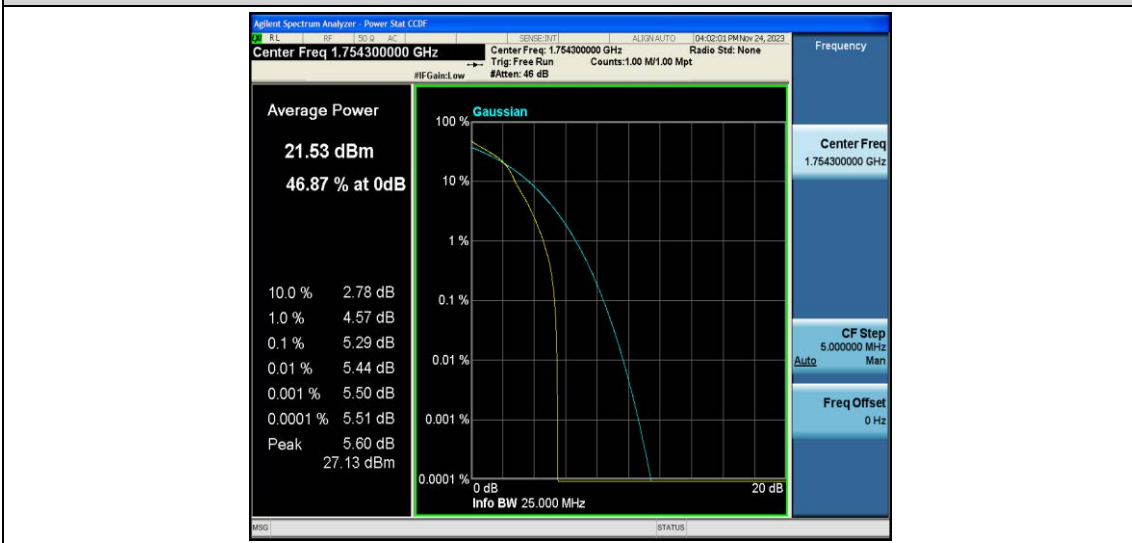
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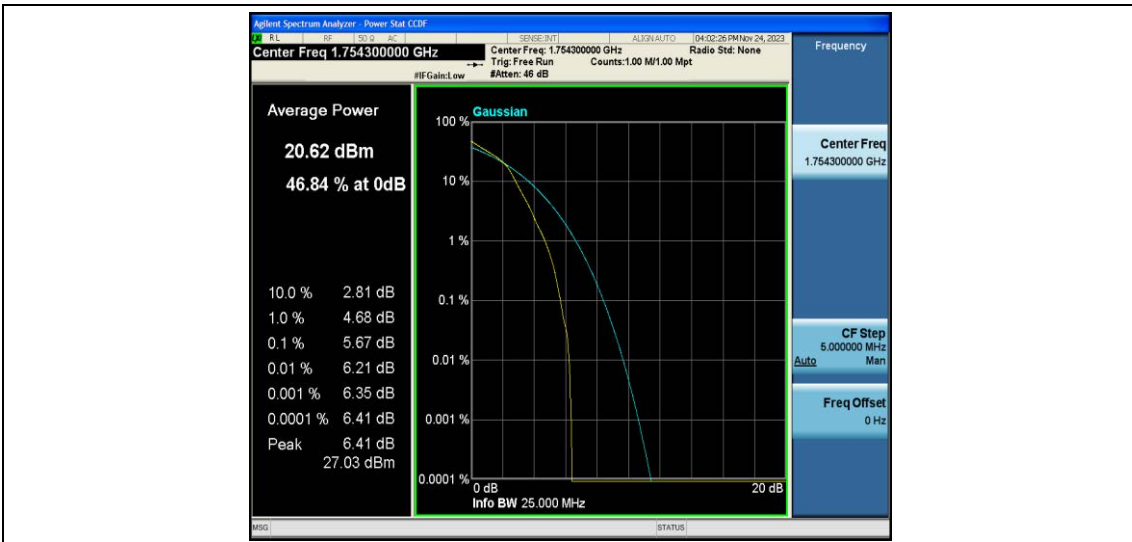
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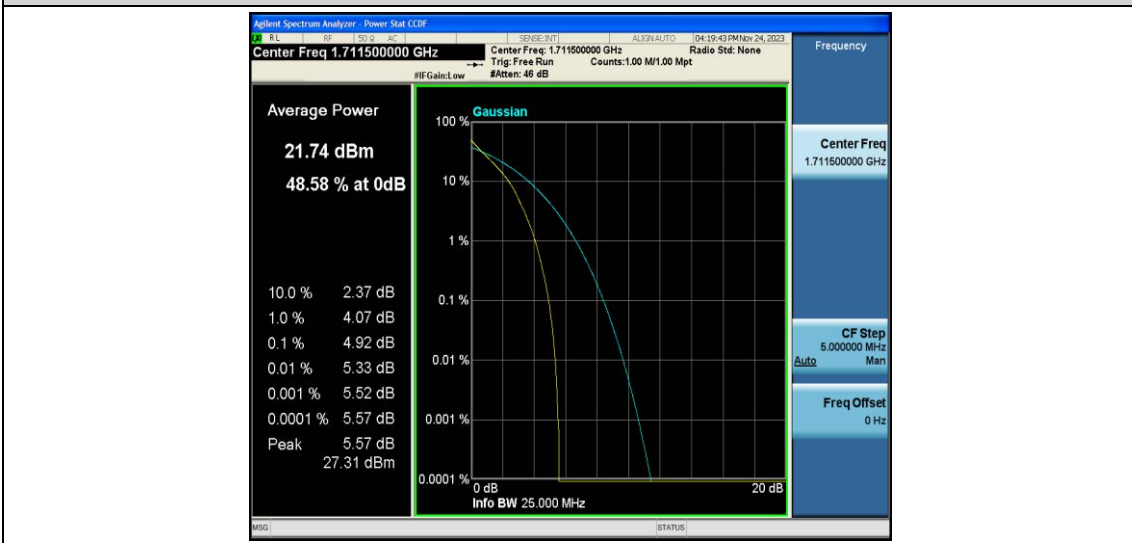
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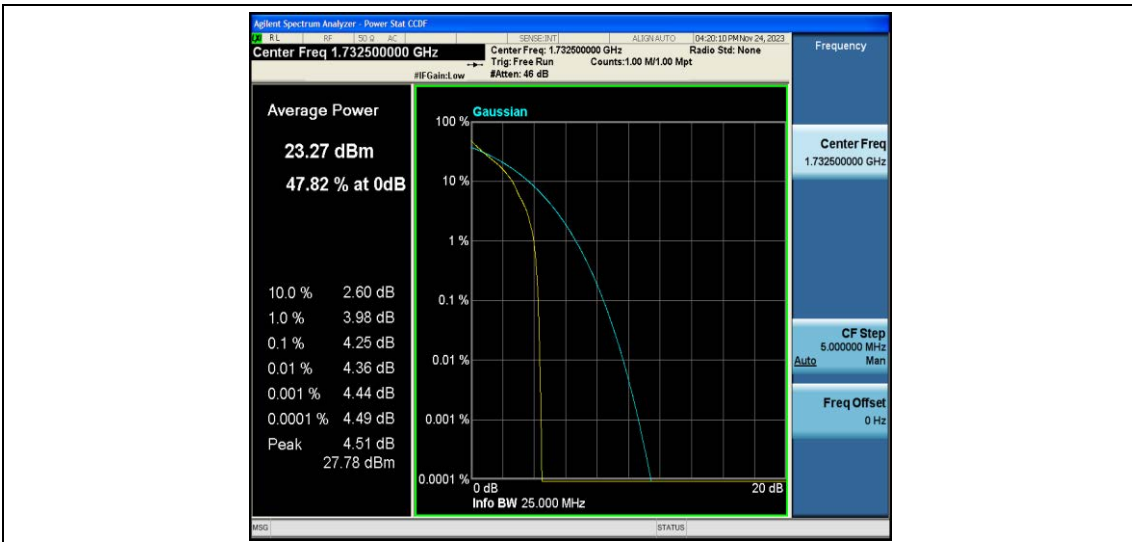
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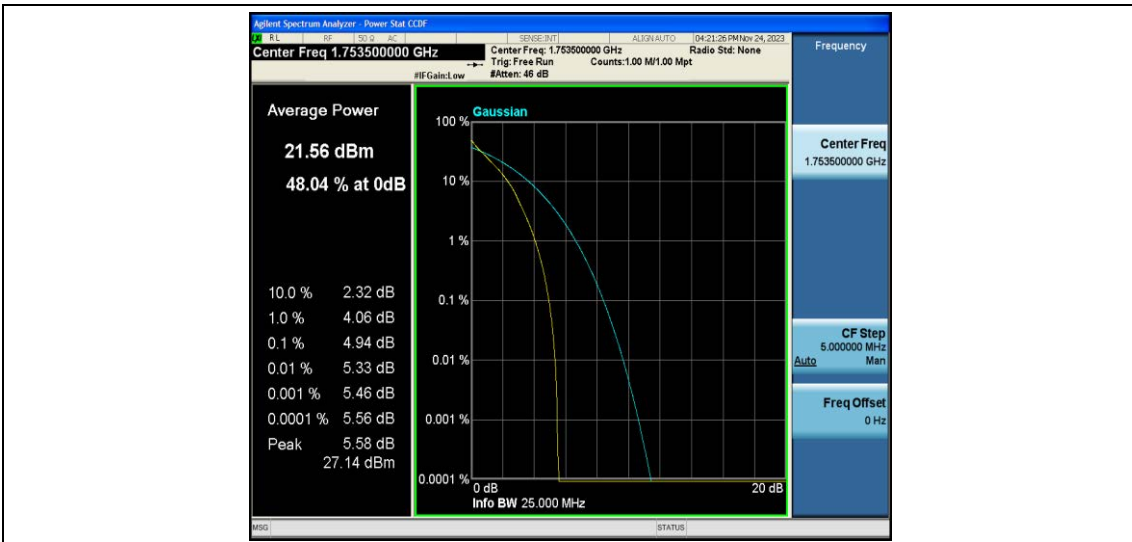
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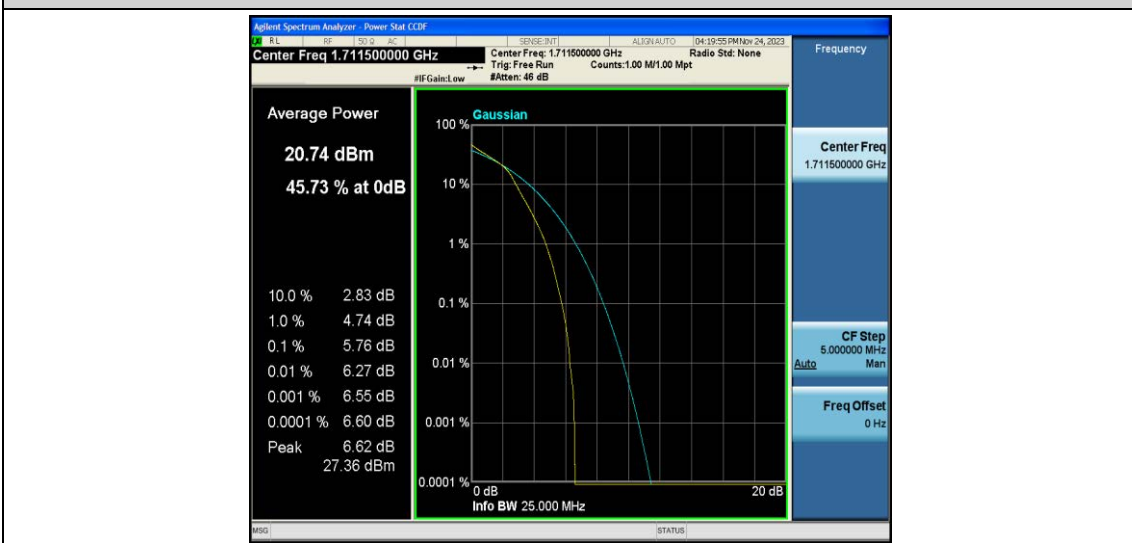
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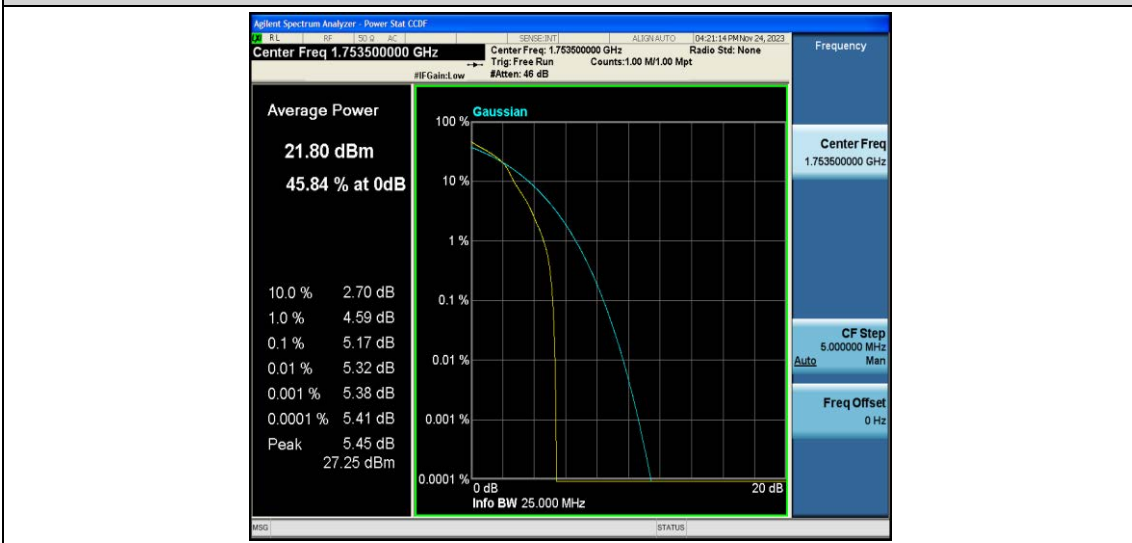
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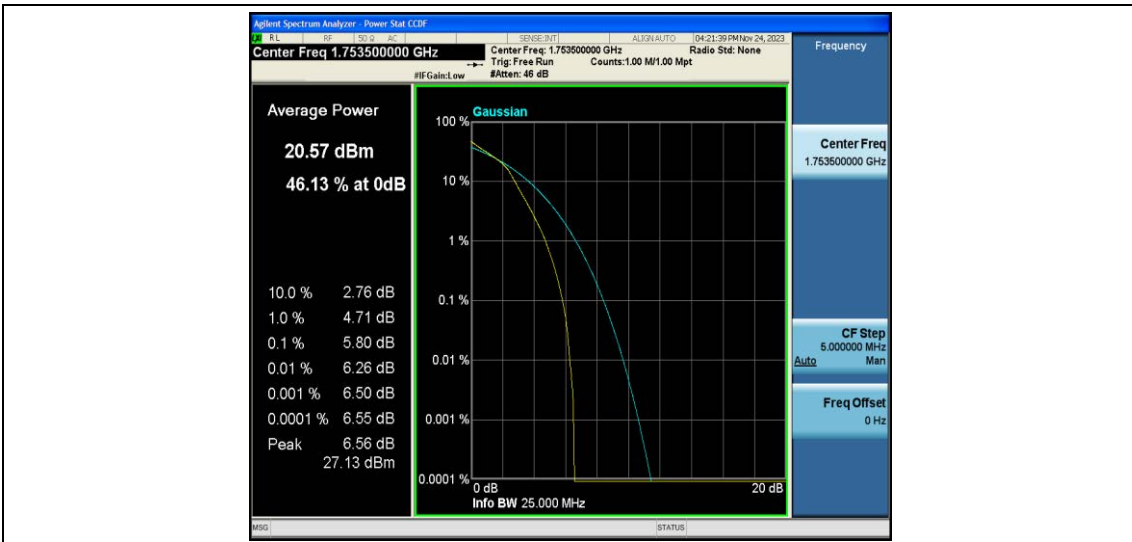
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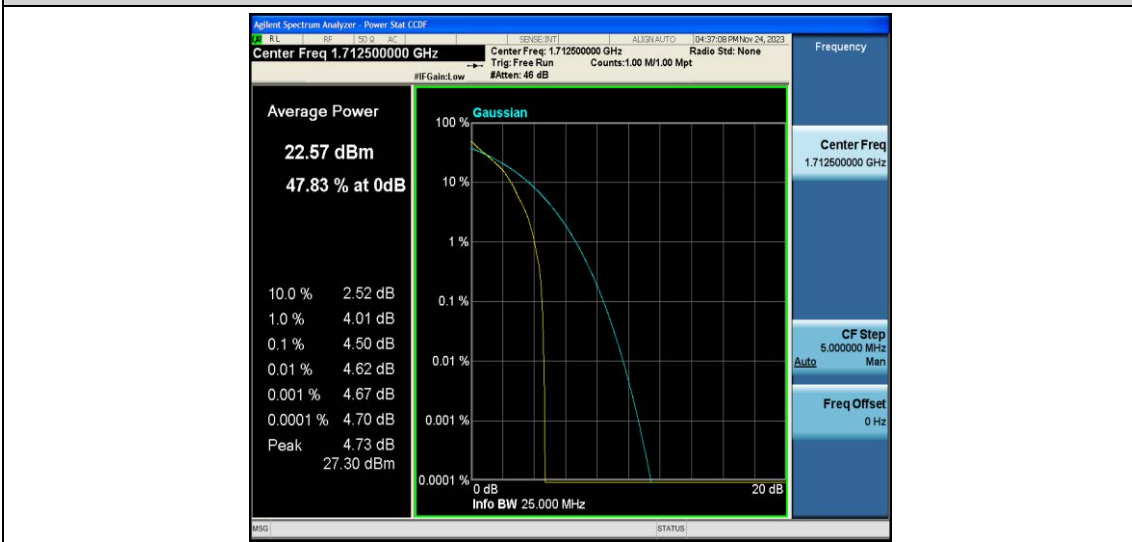
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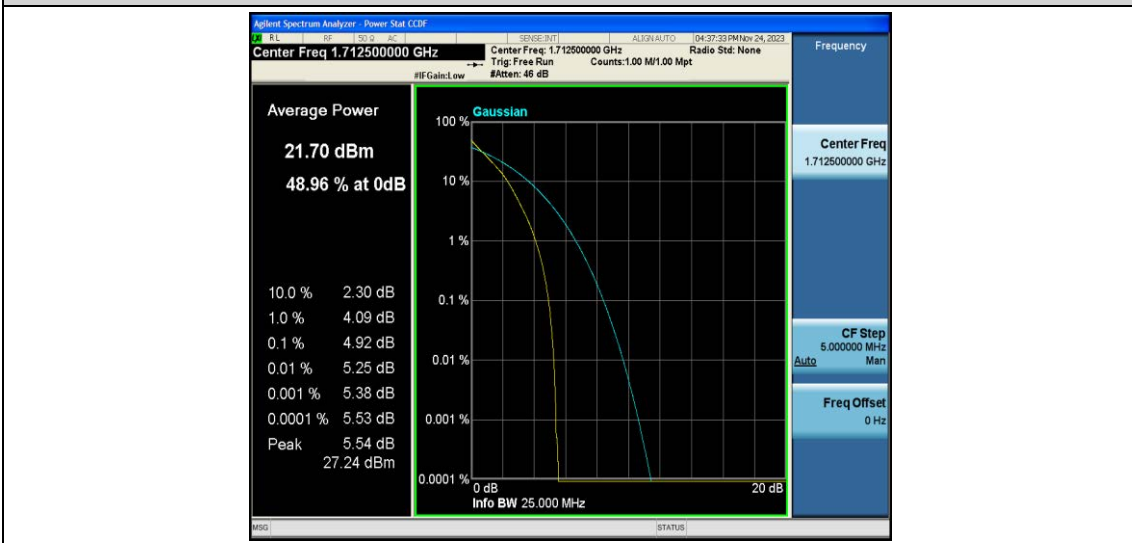
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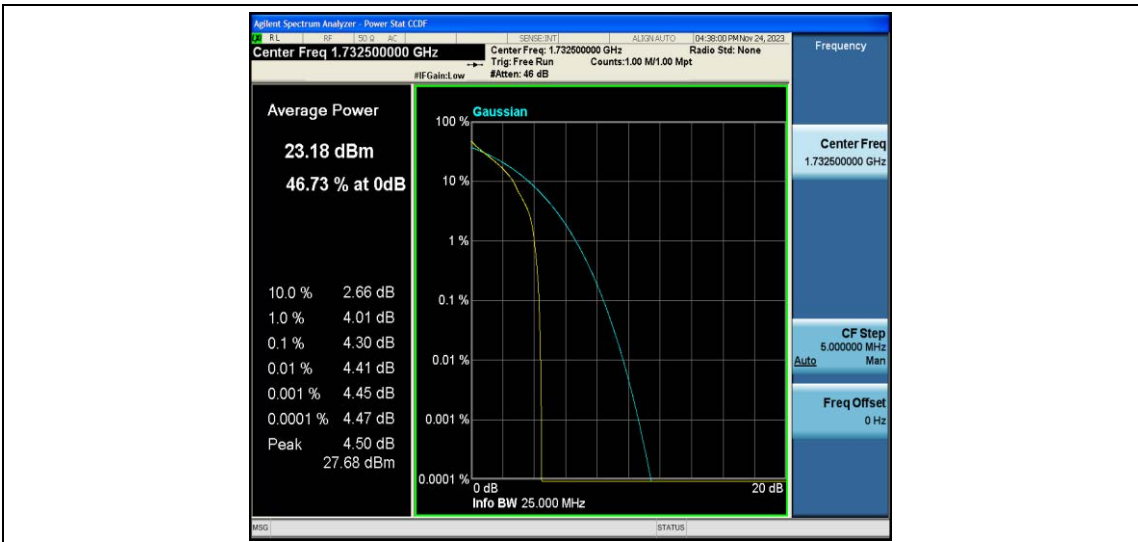
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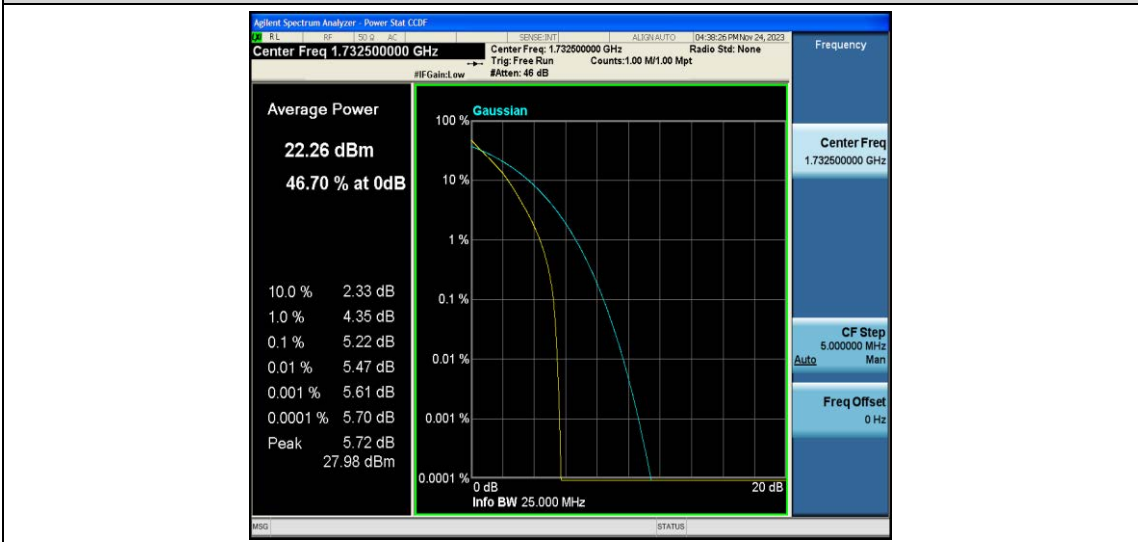
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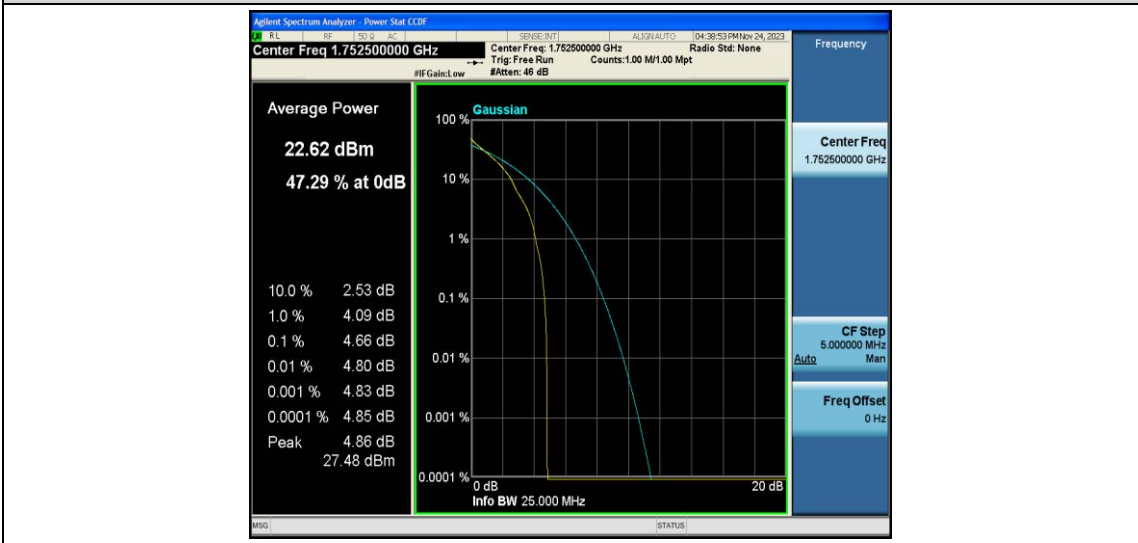
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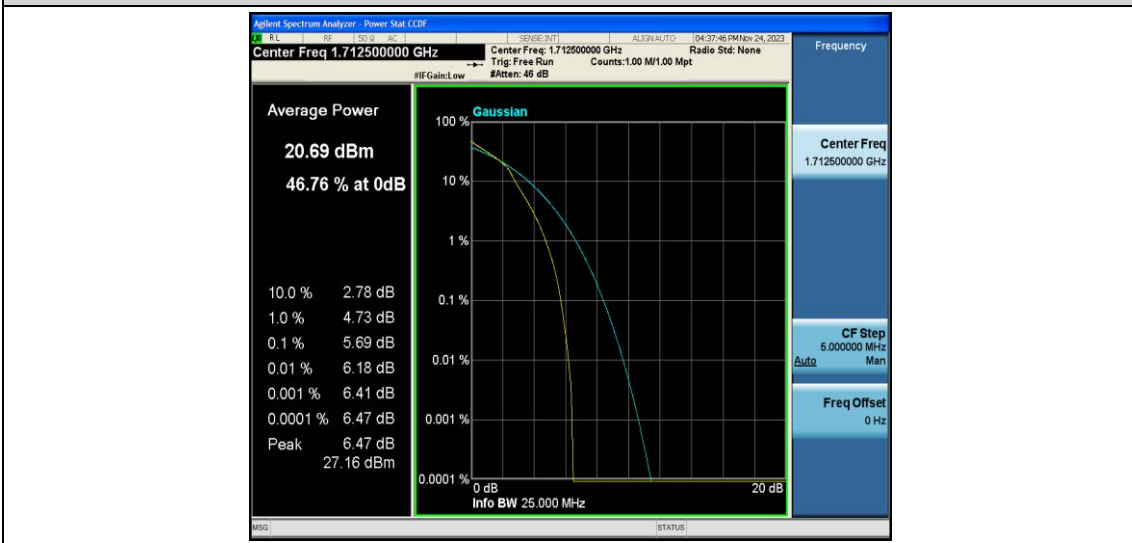
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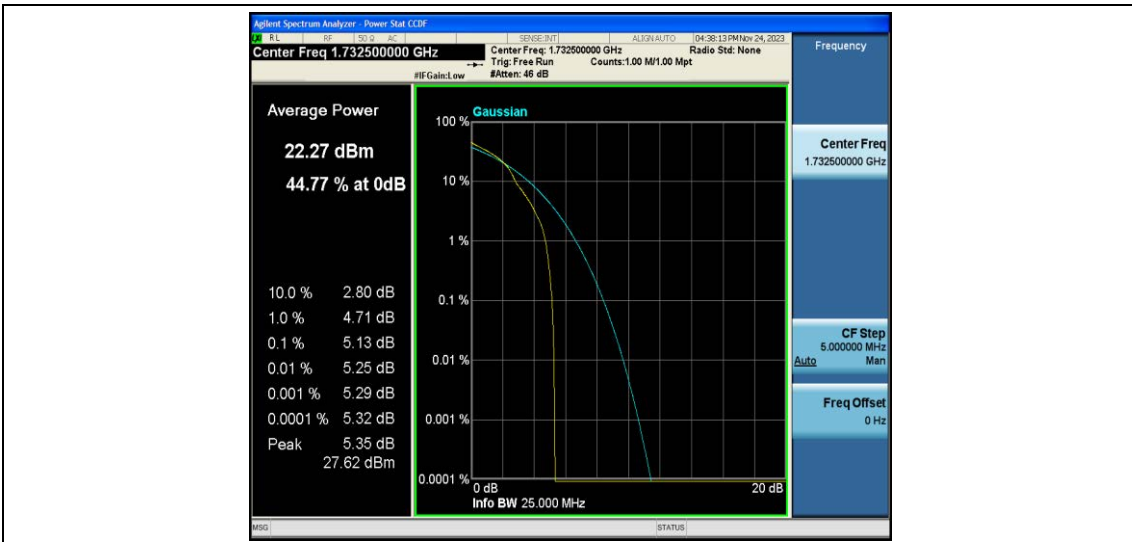
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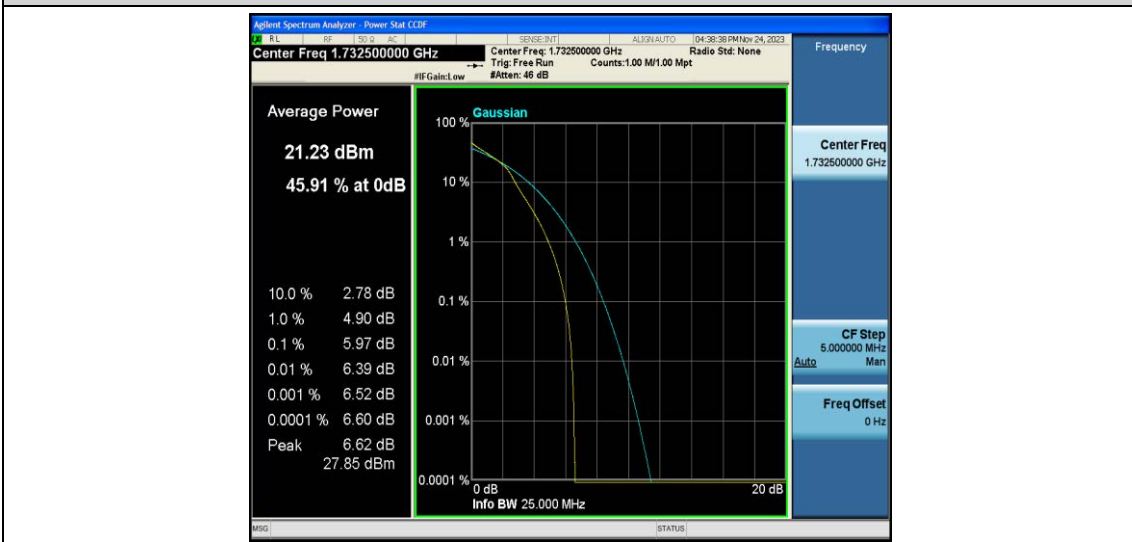
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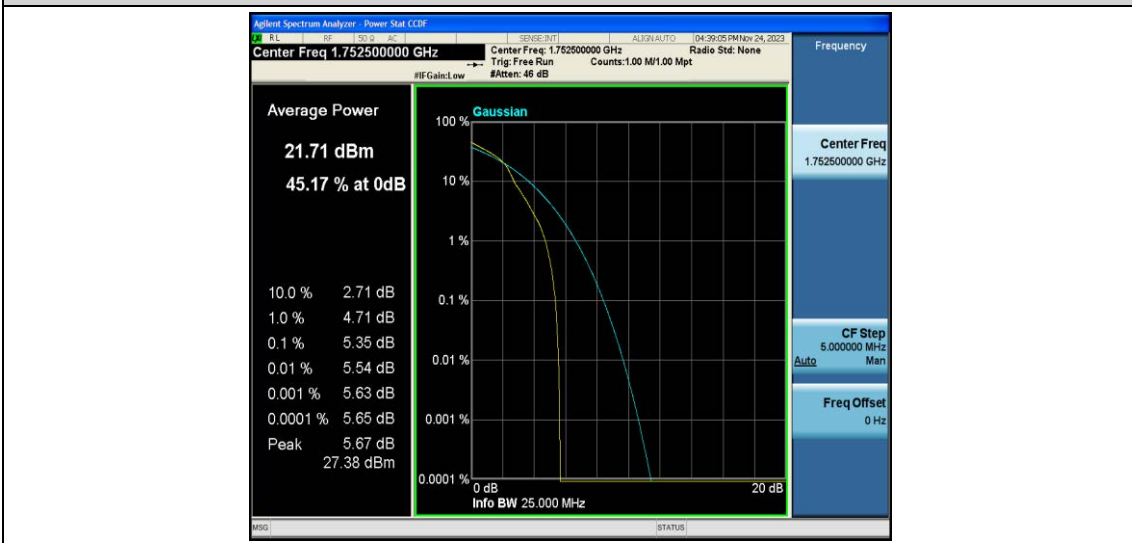
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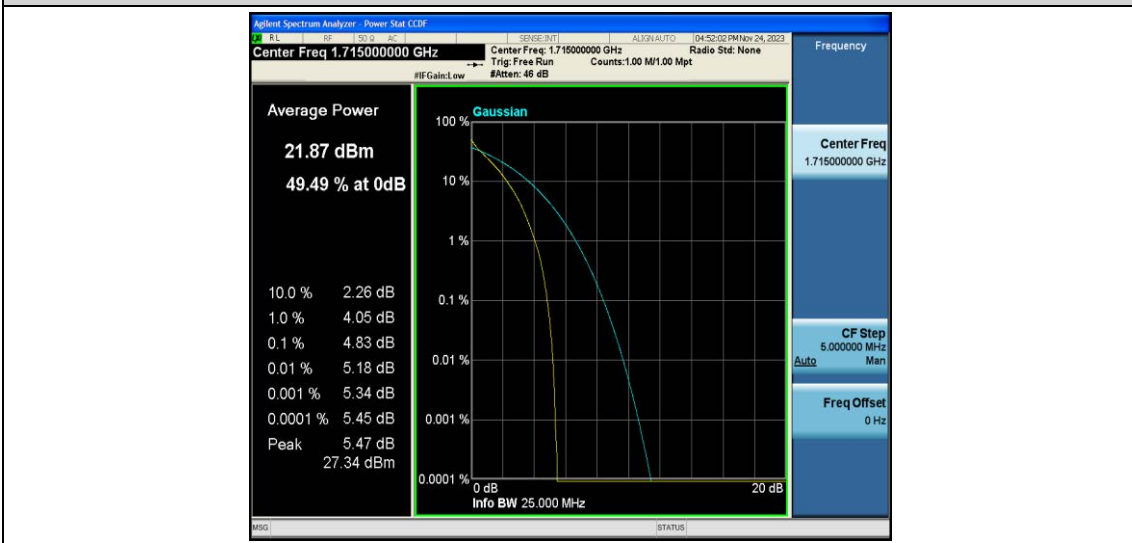
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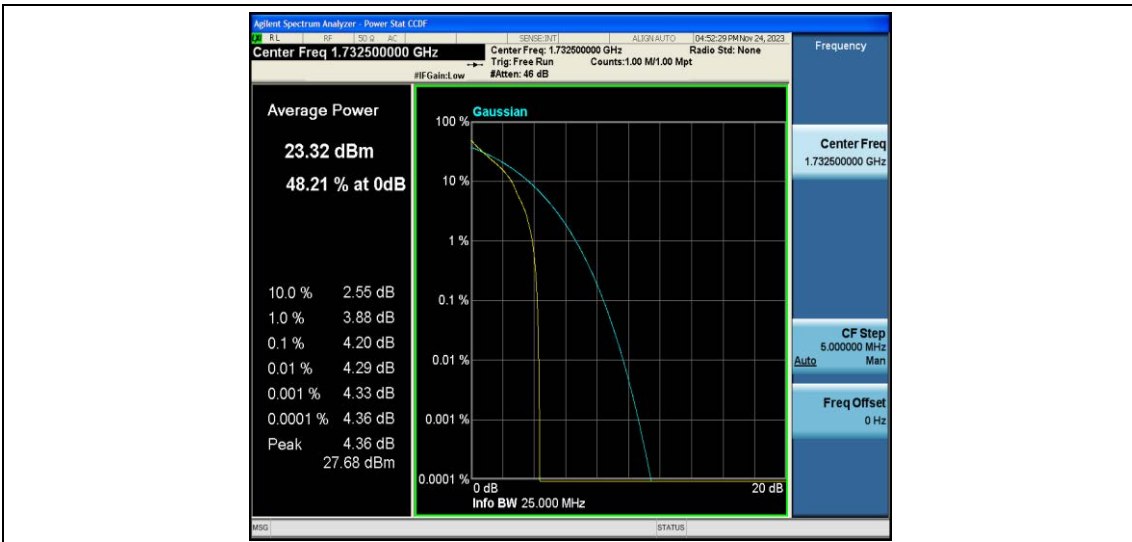
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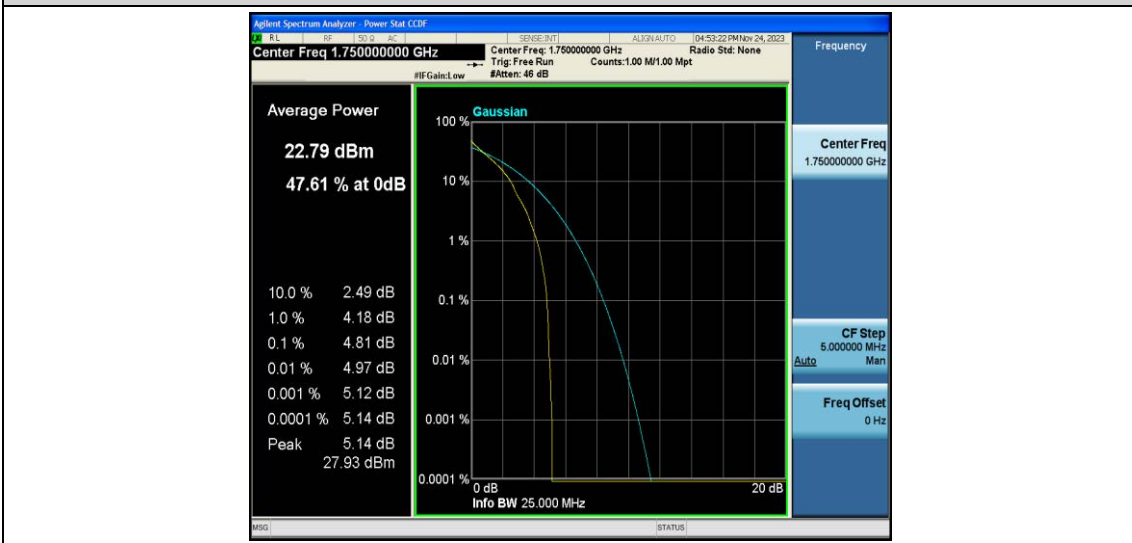
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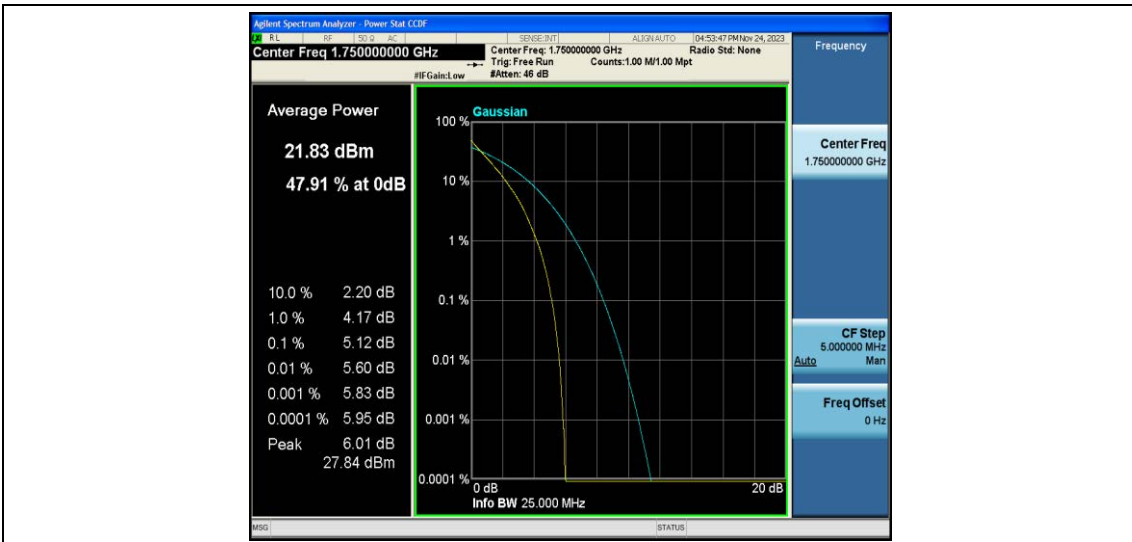
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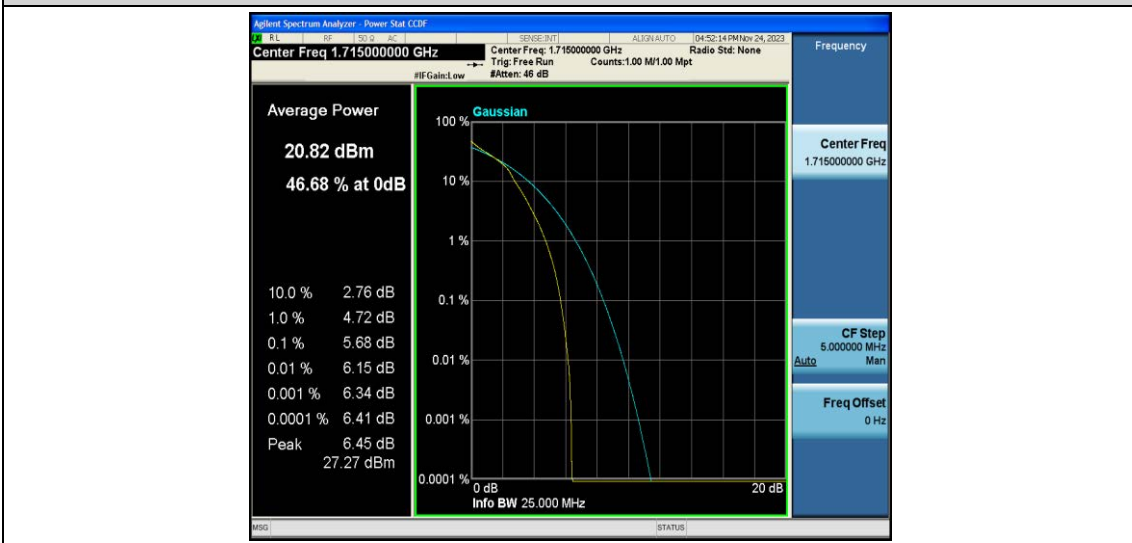
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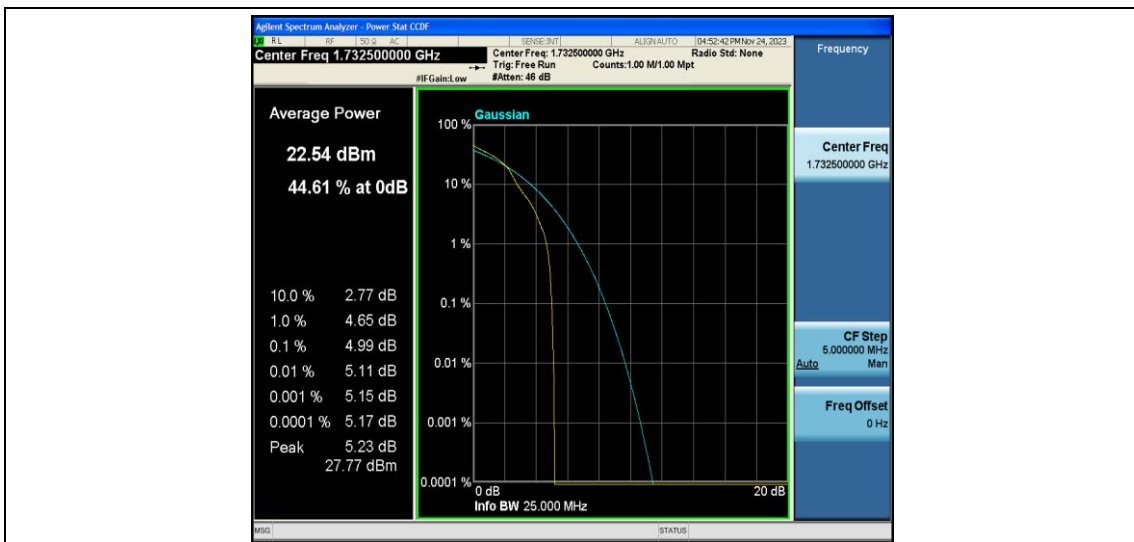
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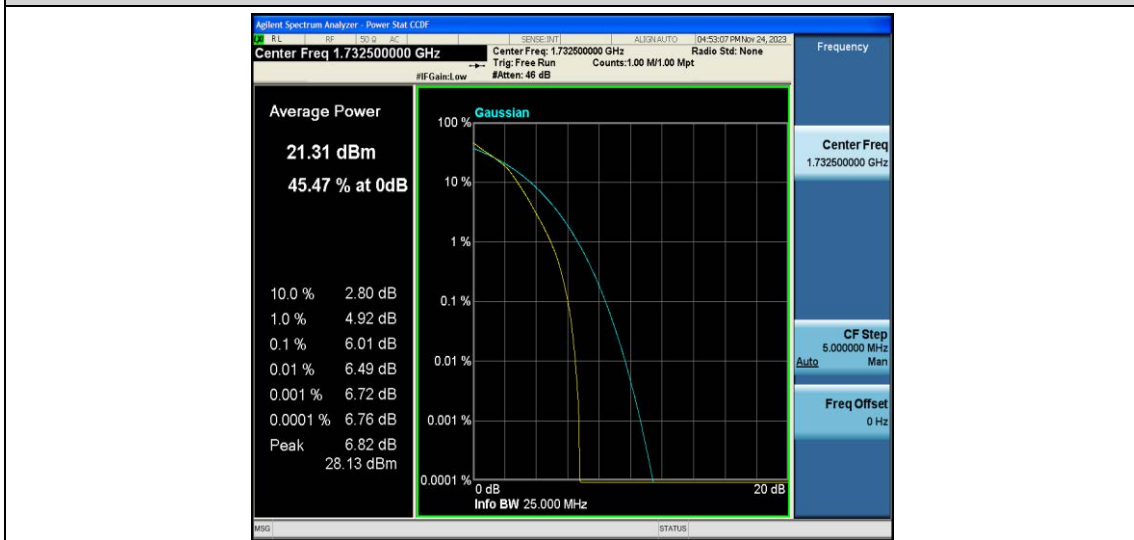
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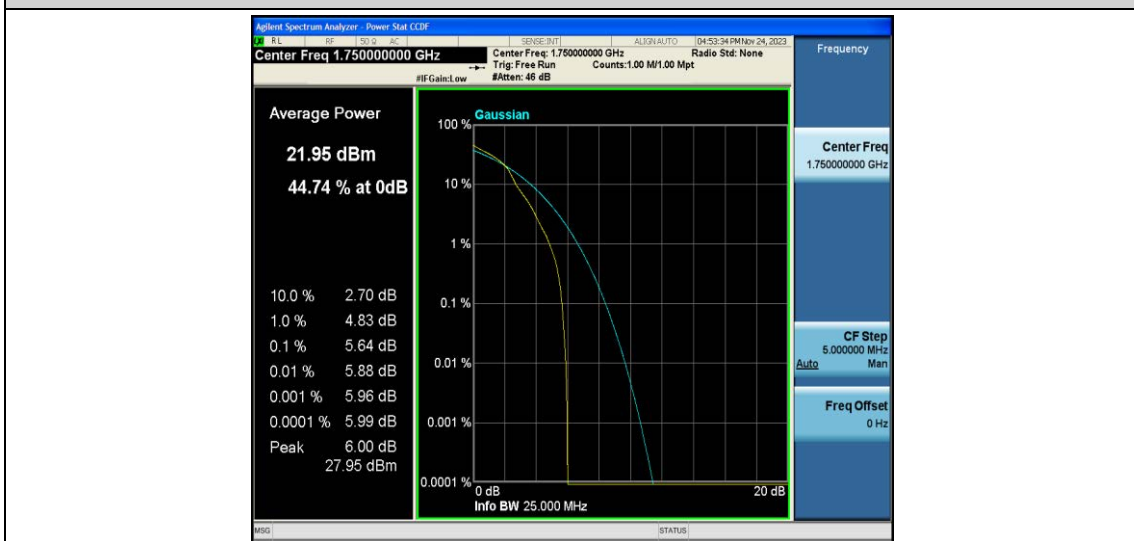
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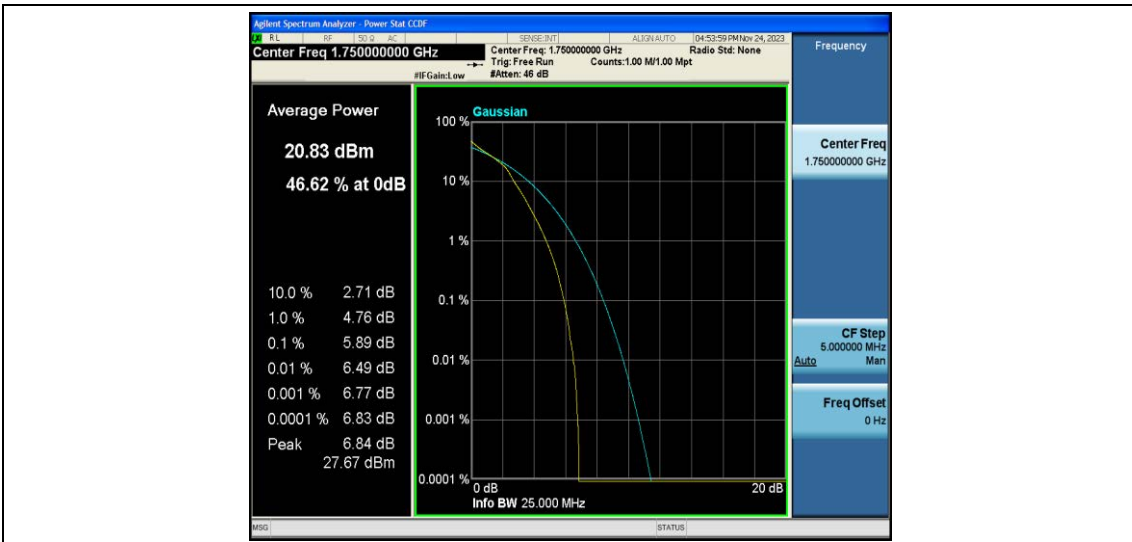
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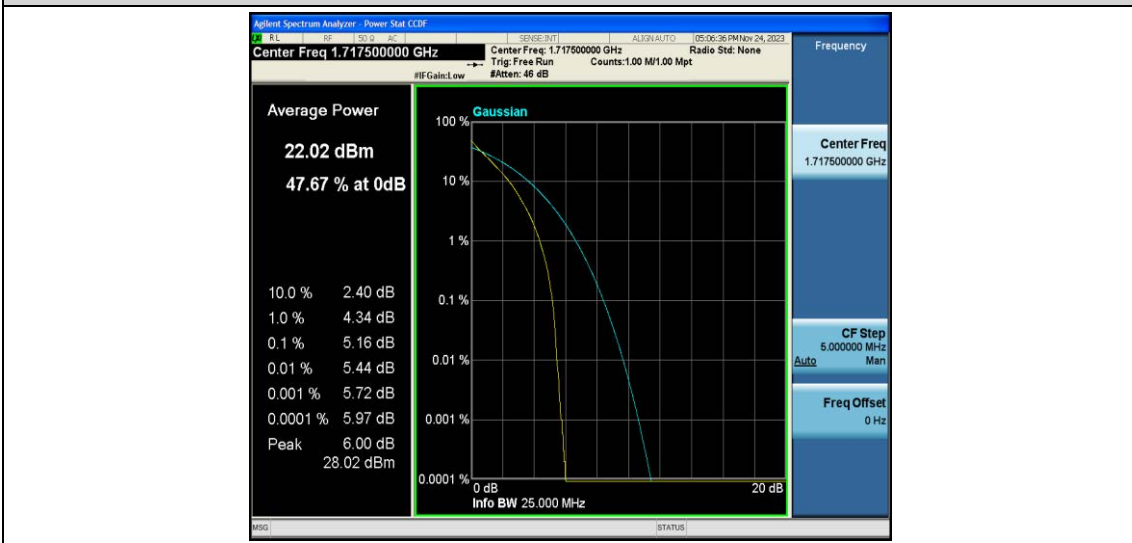
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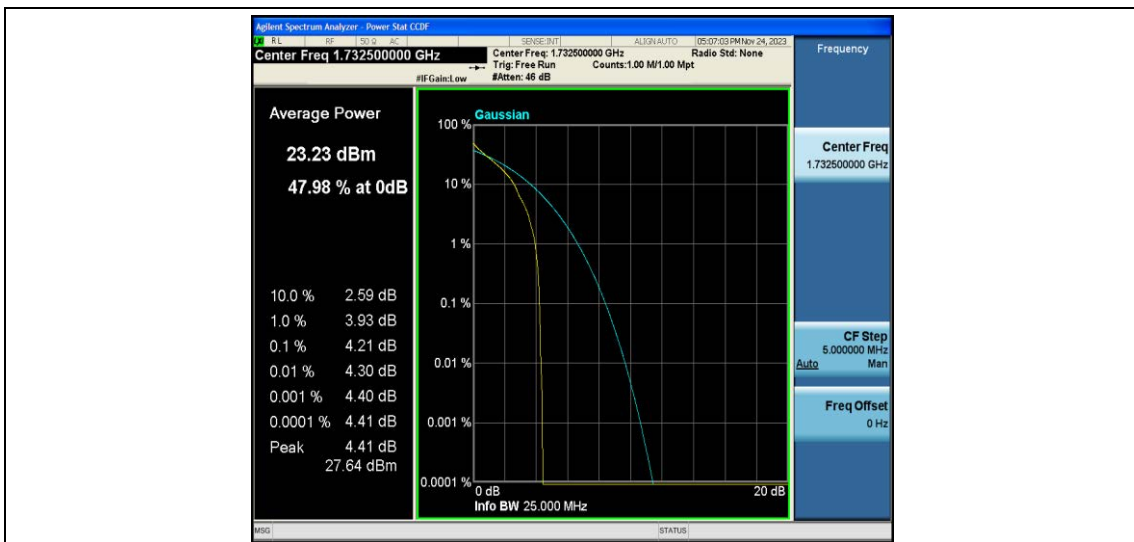
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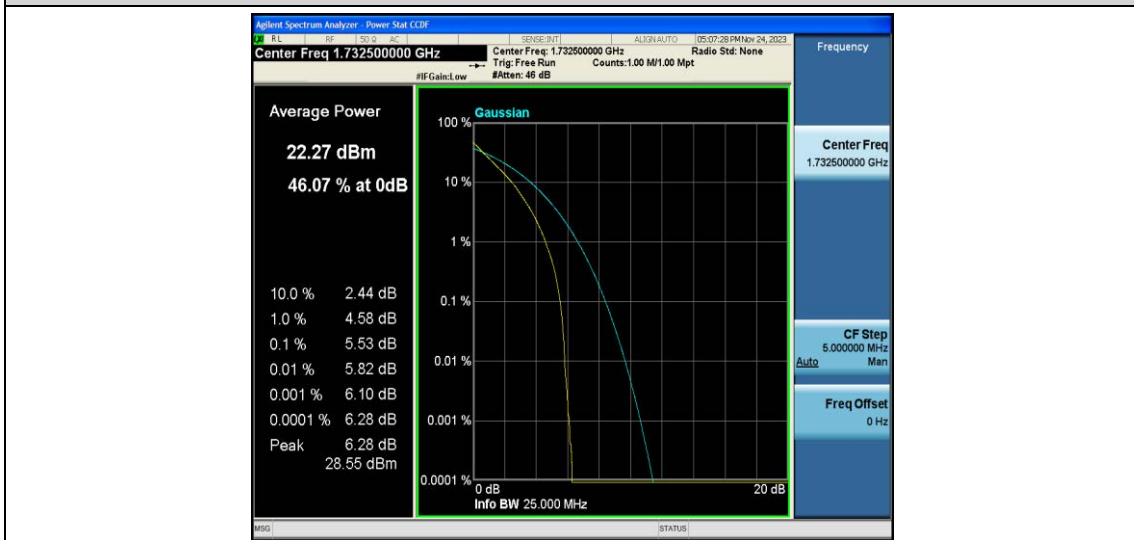
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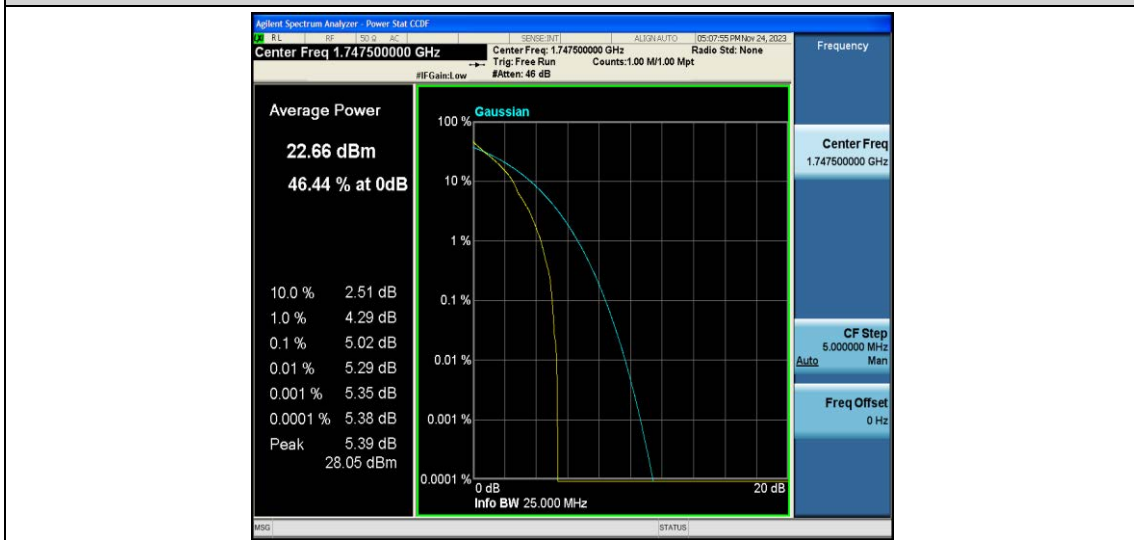
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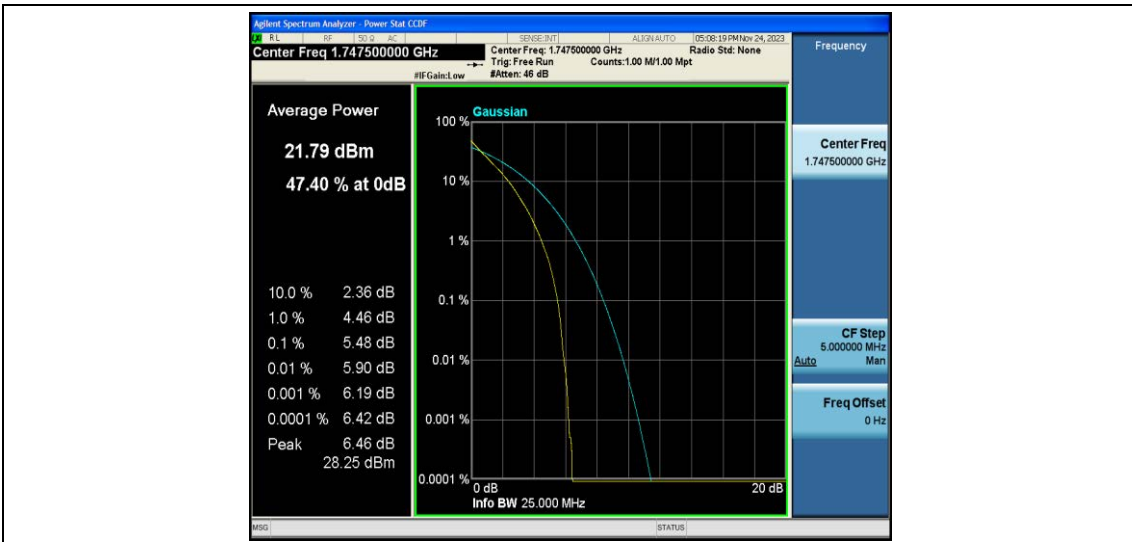
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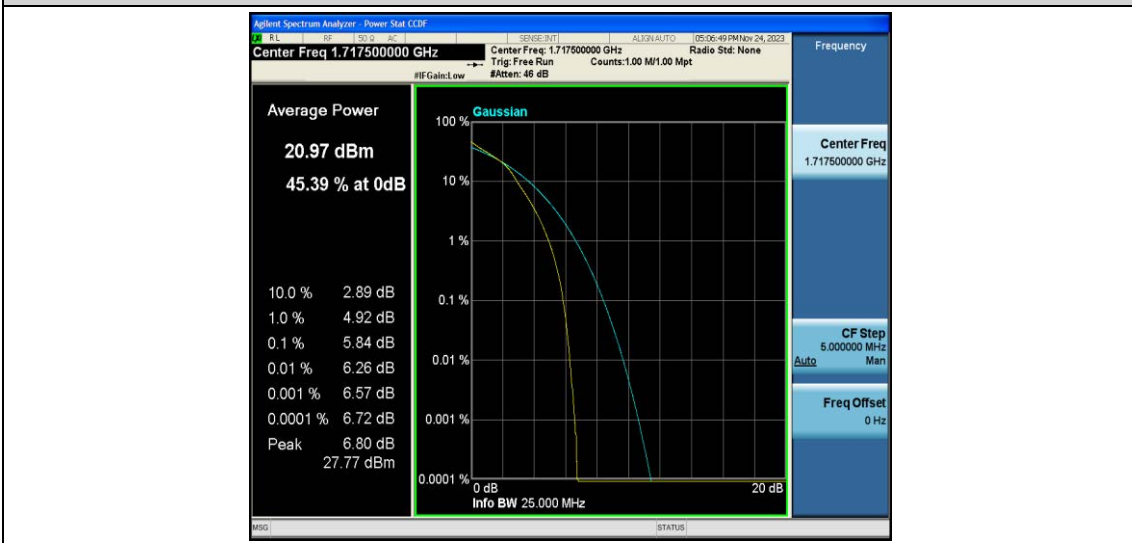
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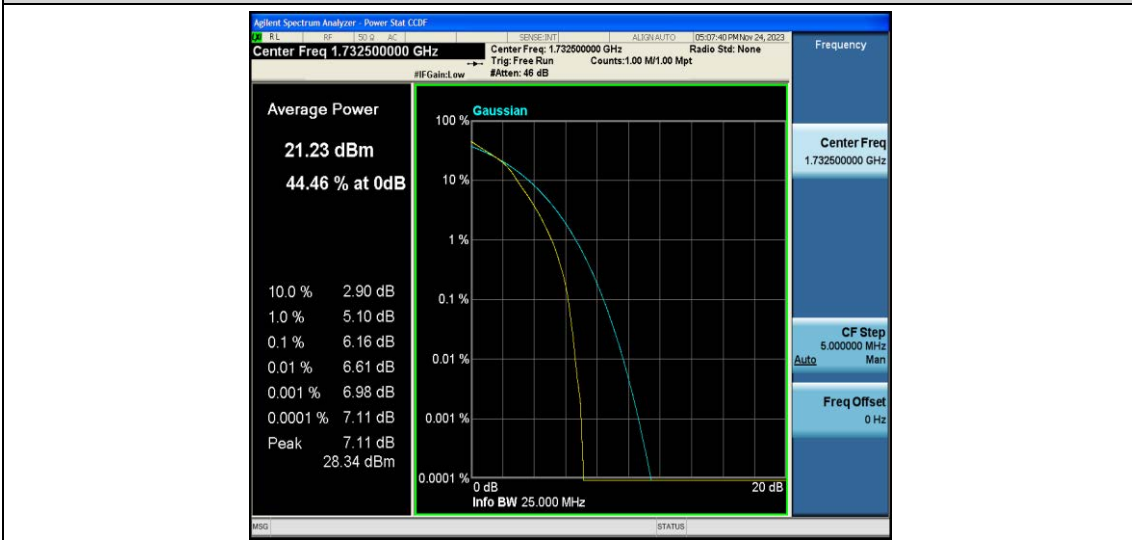
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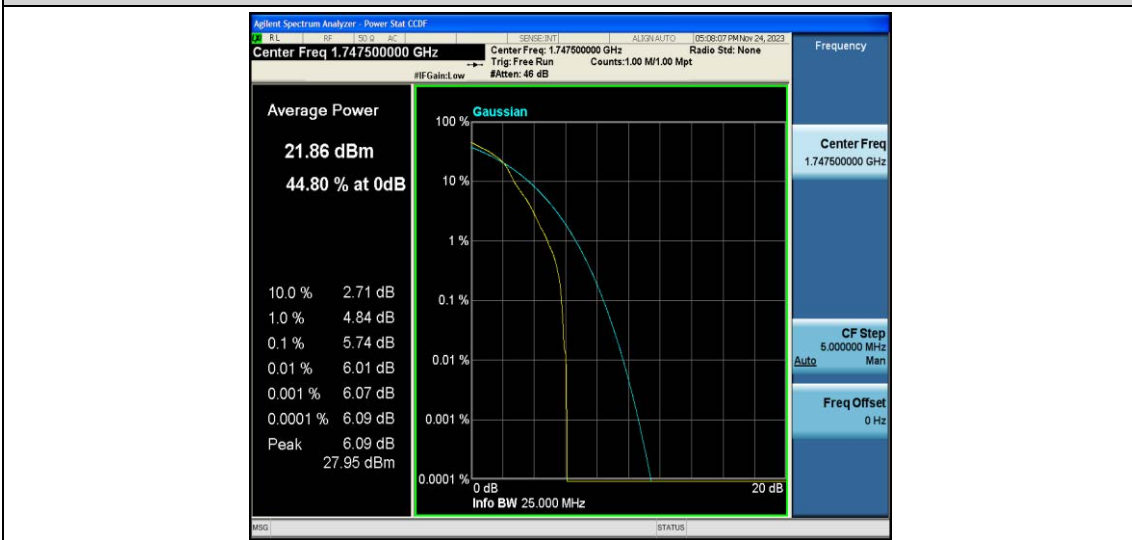
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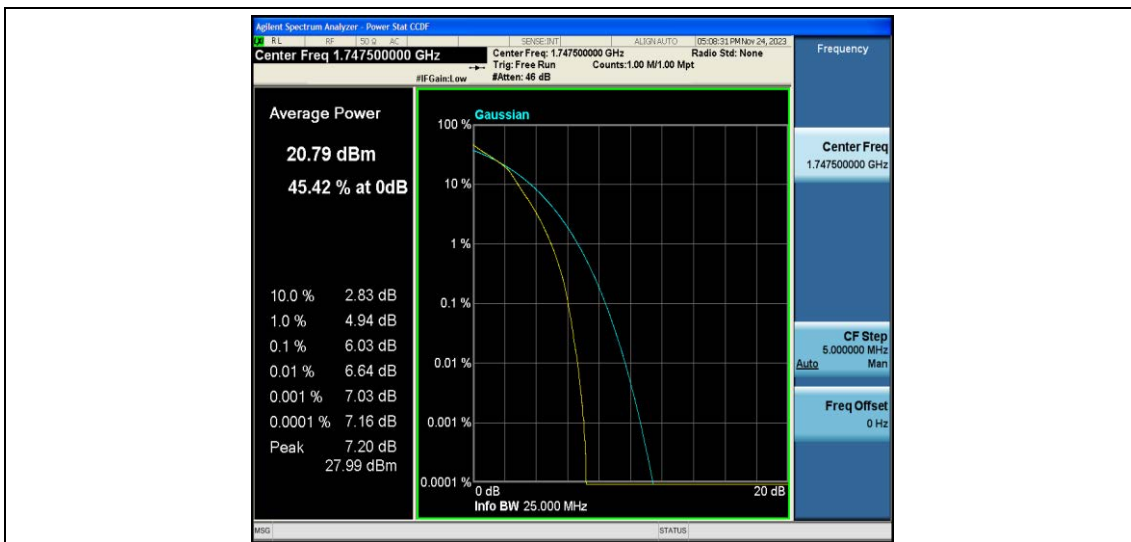
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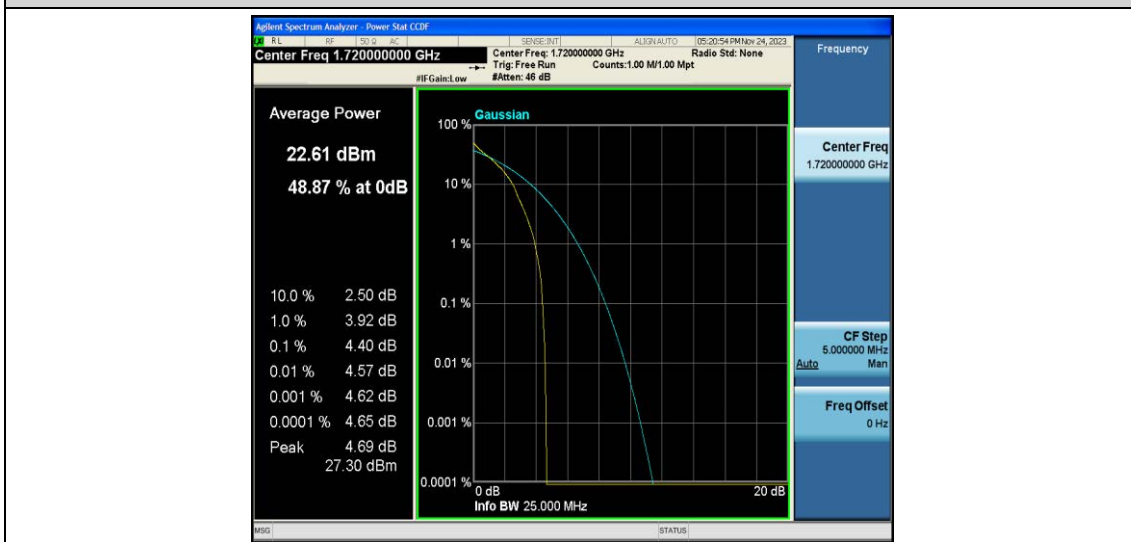
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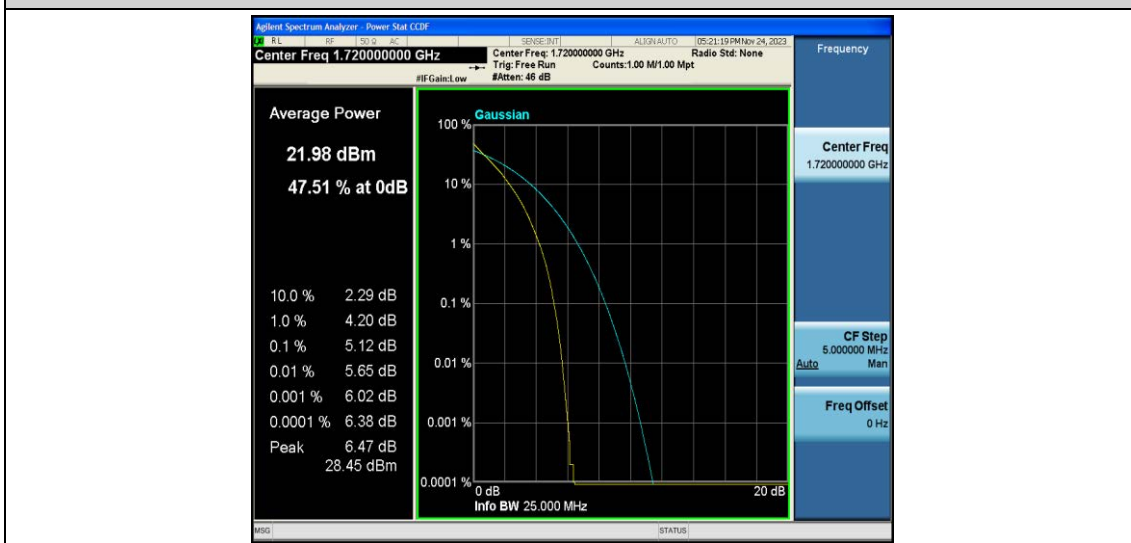
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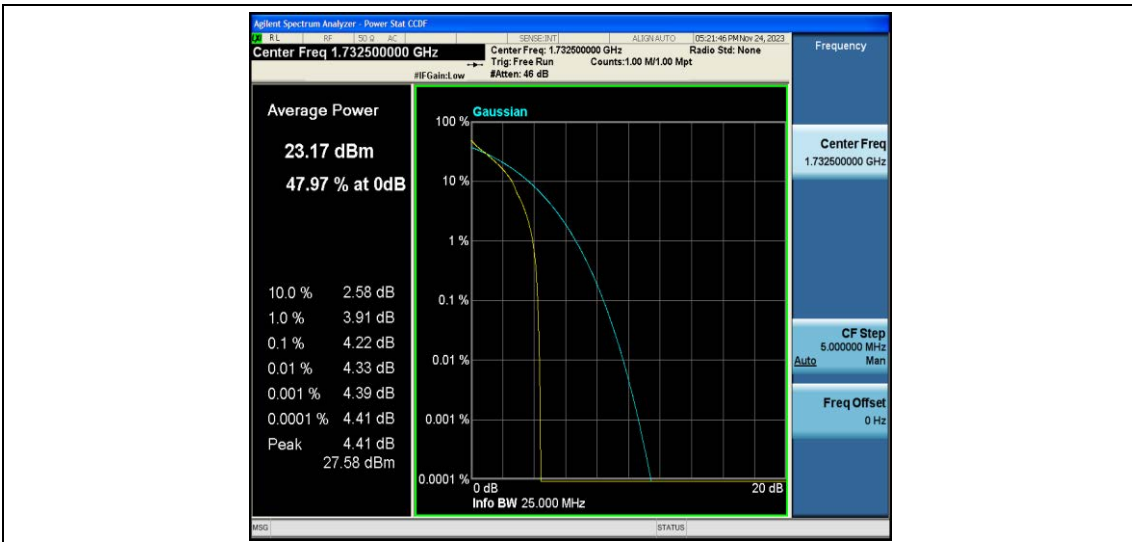
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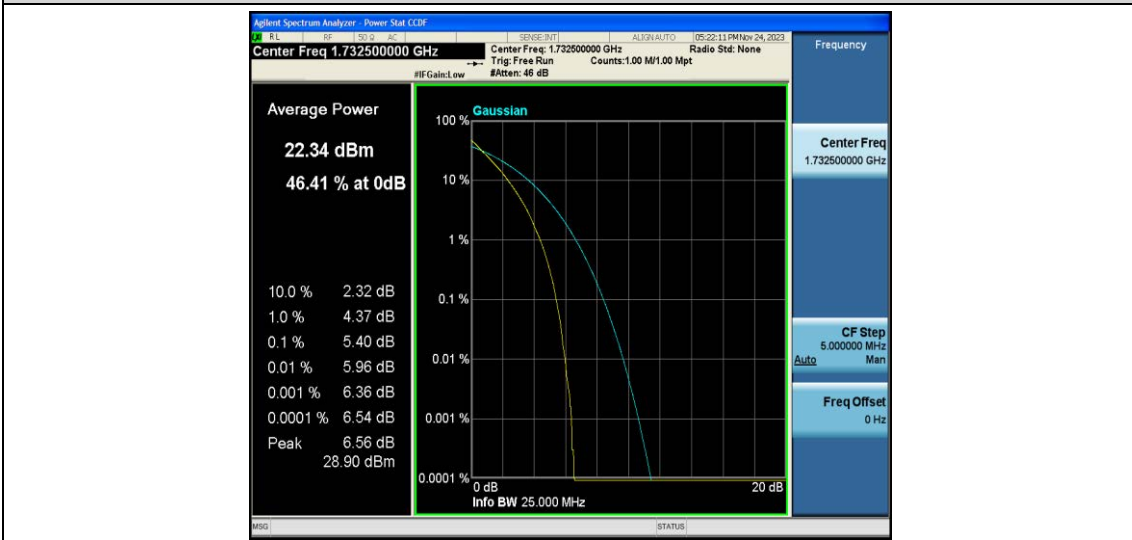
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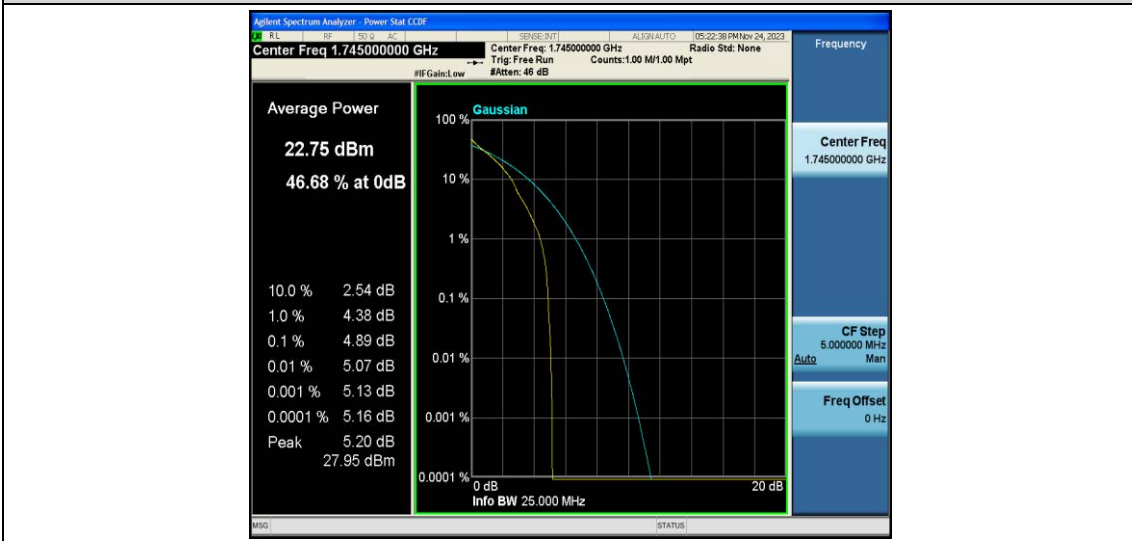
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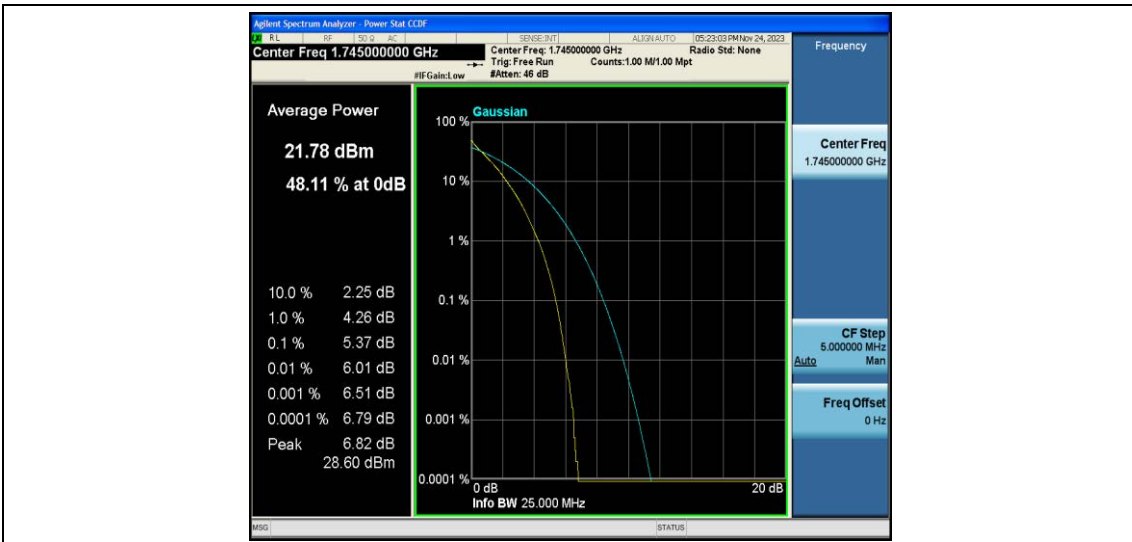
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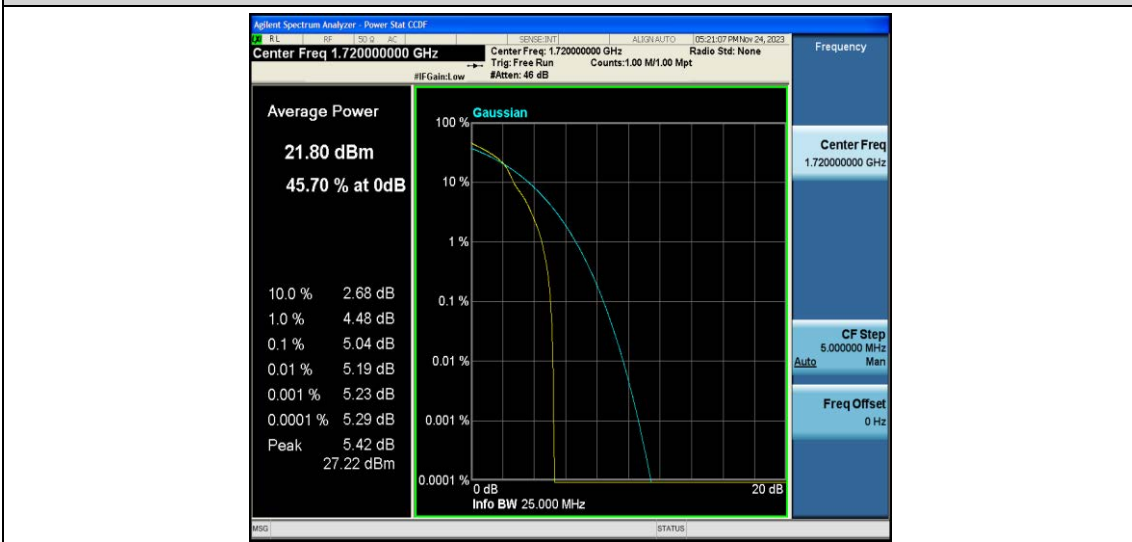
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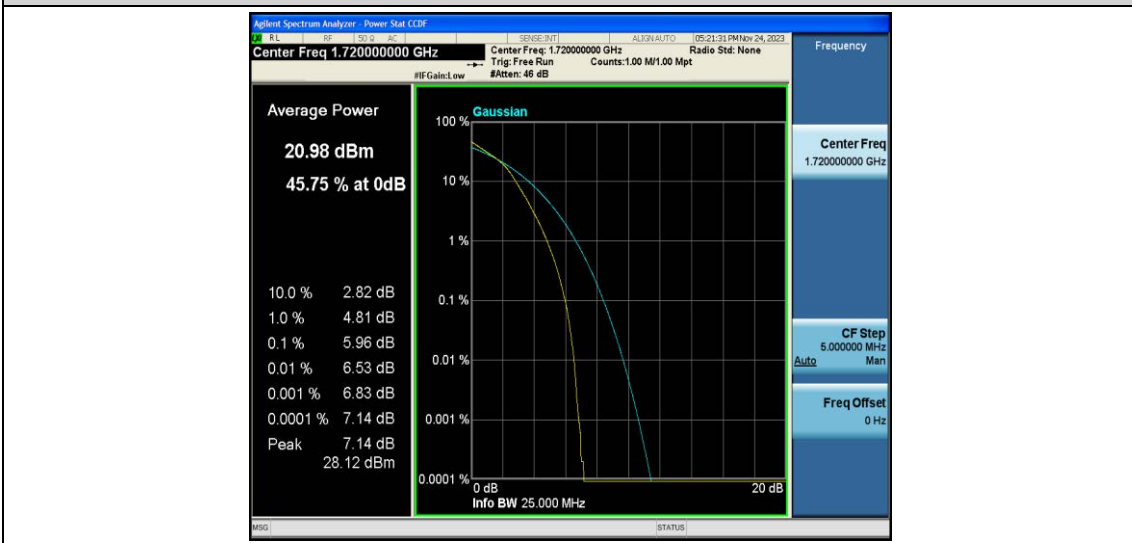
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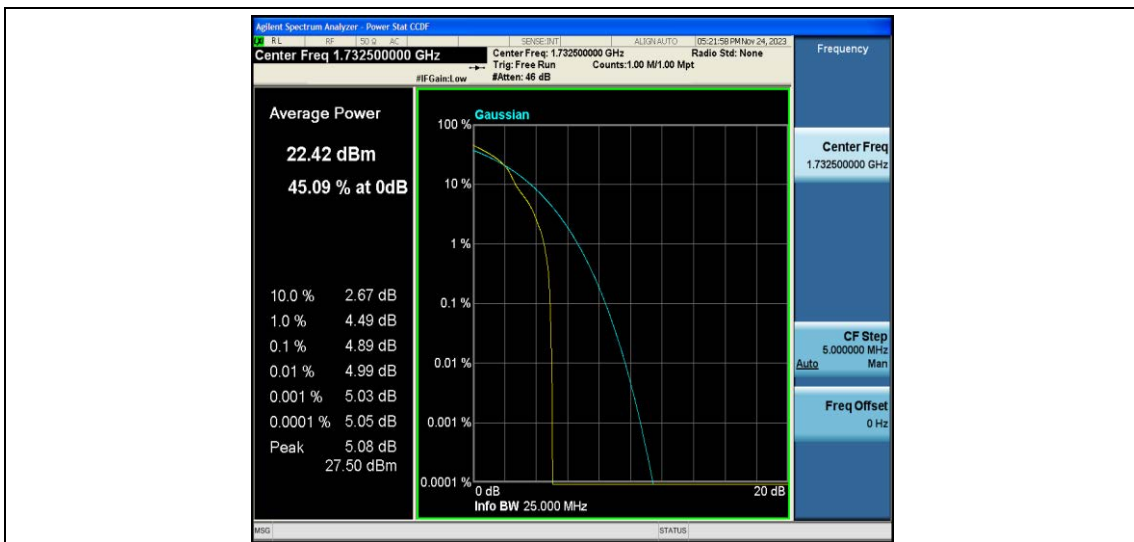
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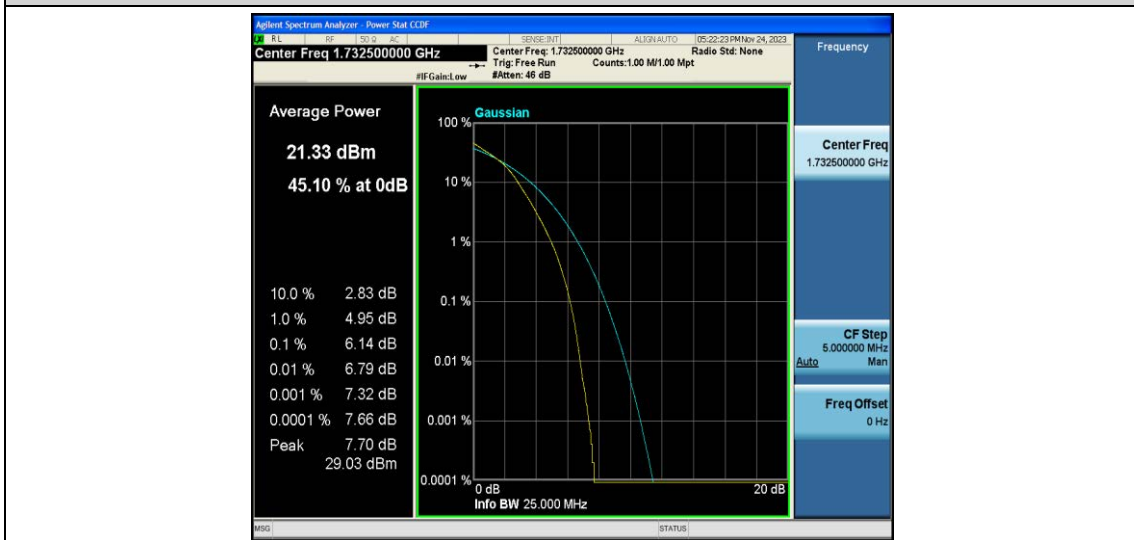
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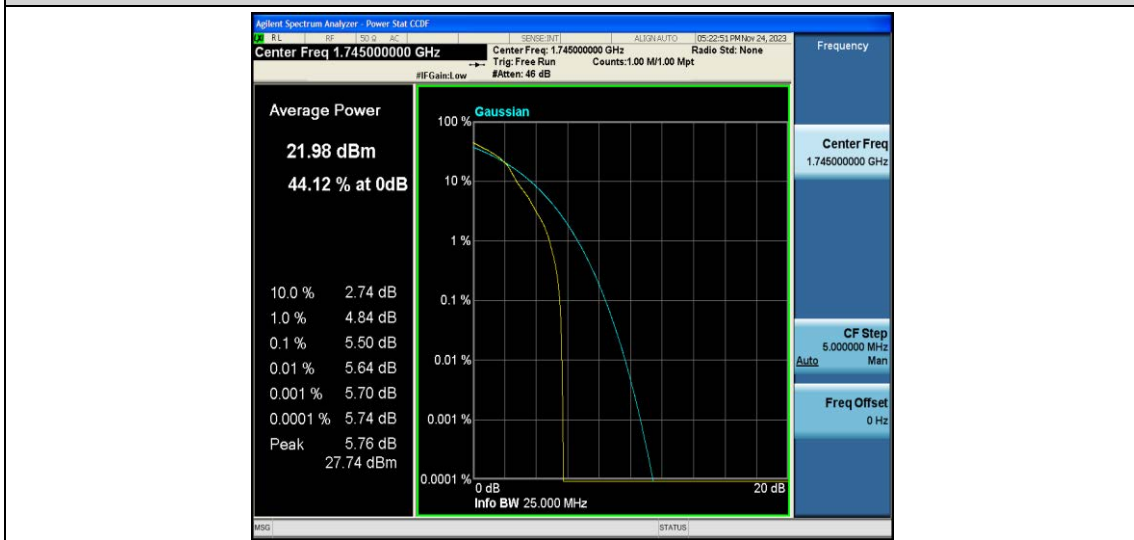
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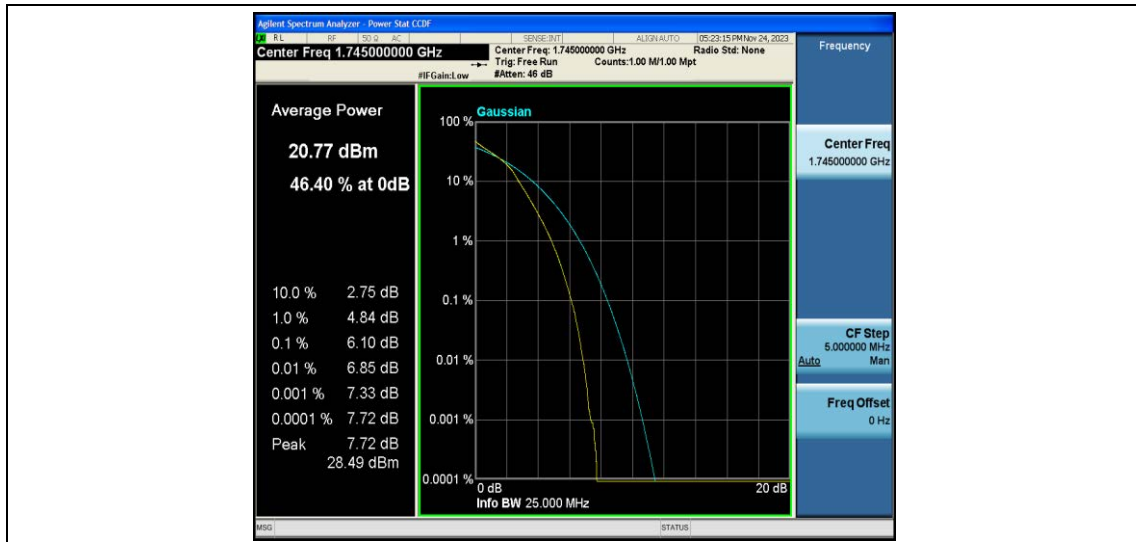
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Band4-20MHz-16QAM-20300-1RB#0



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



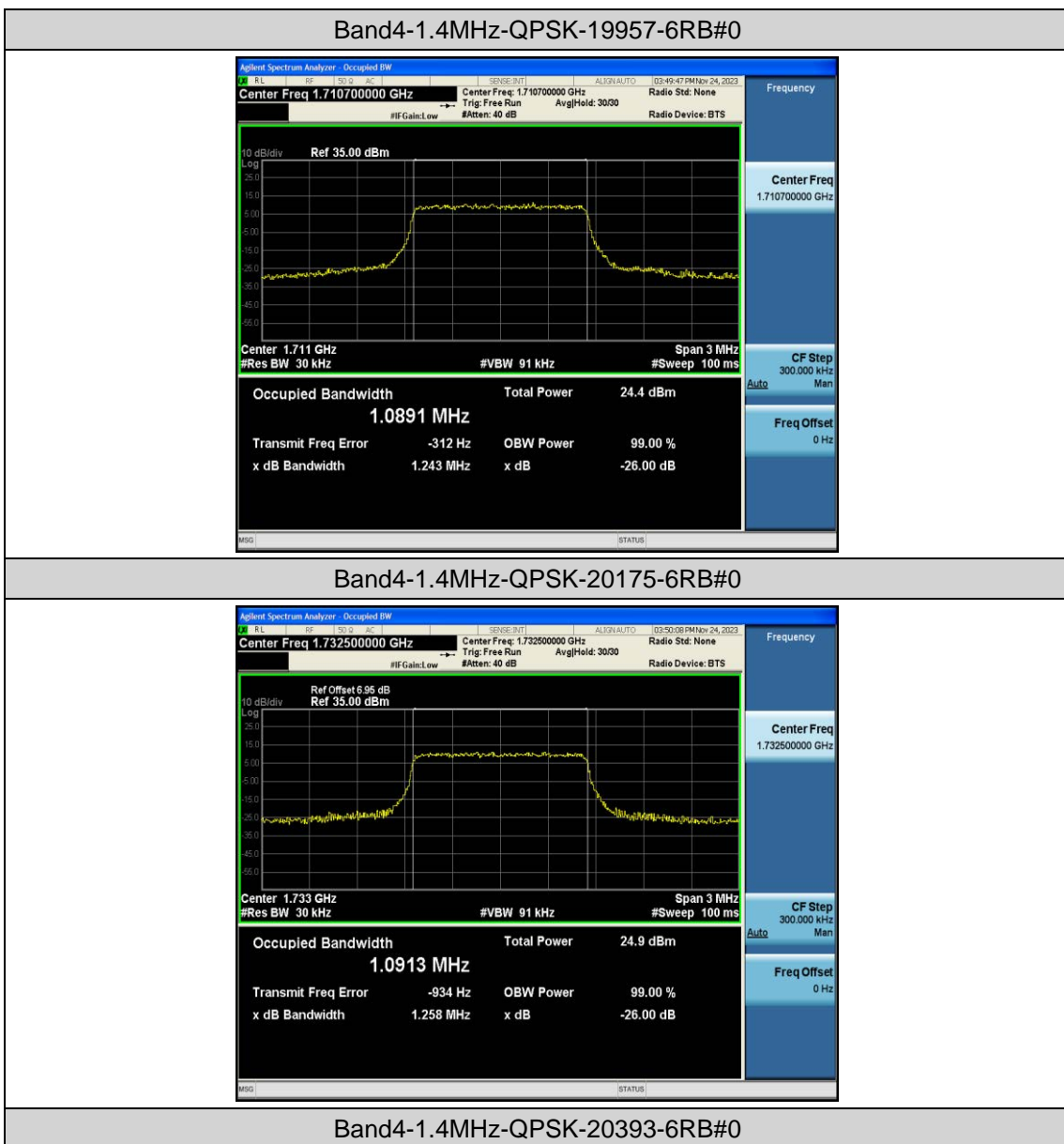
Appendix C: 26dB Bandwidth and Occupied Bandwidth

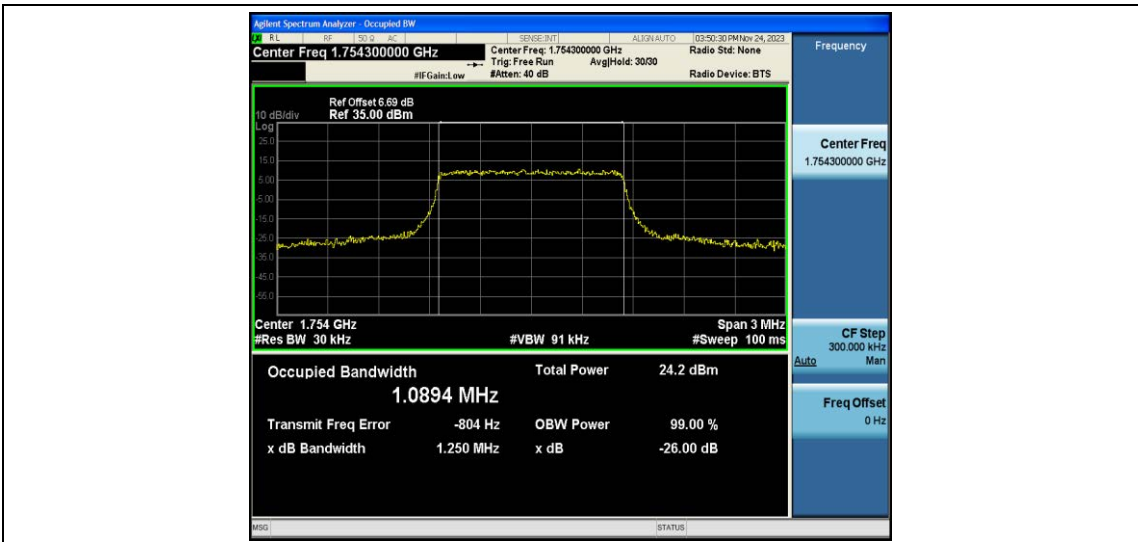
Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | 1.0891 | 1.243 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 1.0913 | 1.258 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | 1.0894 | 1.250 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 1.0902 | 1.270 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 1.0891 | 1.278 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 1.0895 | 1.279 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | 2.6899 | 2.843 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 2.6941 | 2.848 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | 2.6946 | 2.843 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 2.6859 | 2.877 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 2.6865 | 2.844 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 2.6864 | 2.863 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | 4.5006 | 4.828 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 25RB#0 | 4.4996 | 4.882 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | 4.4958 | 4.821 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 4.4992 | 4.793 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 4.5035 | 4.819 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | 4.5036 | 4.803 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | 8.9869 | 9.518 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 8.9897 | 9.558 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | 8.9870 | 9.547 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 8.9710 | 9.530 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 8.9767 | 9.495 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 8.9732 | 9.490 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | 13.477 | 14.28 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 13.490 | 14.30 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | 13.468 | 14.26 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | 13.456 | 14.27 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 13.477 | 14.27 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 13.462 | 14.26 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 17.941 | 18.96 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 17.993 | 18.96 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 17.947 | 18.96 | PASS |

| | | | | | | | |
|-------|-------|-------|-------|---------|--------|-------|------|
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 17.954 | 18.95 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 17.979 | 18.98 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 17.950 | 18.95 | PASS |

Test Graphs





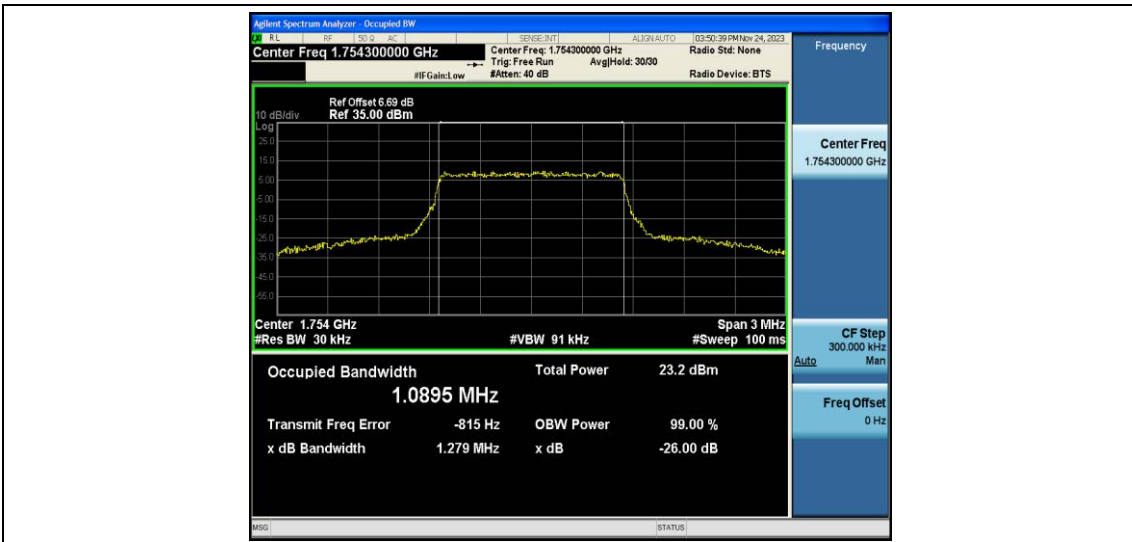
Band4-1.4MHz-16QAM-19957-6RB#0



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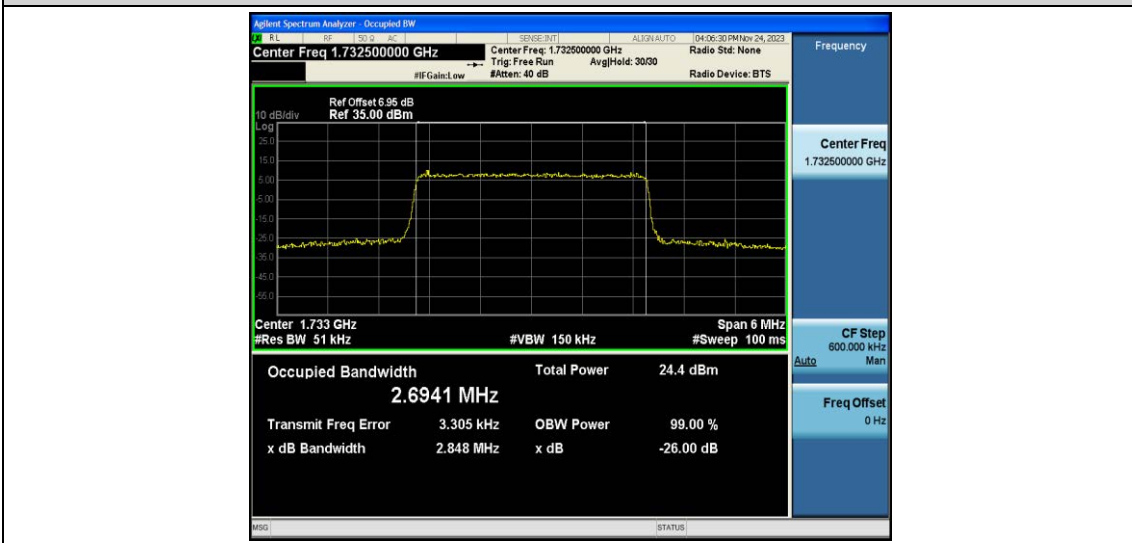
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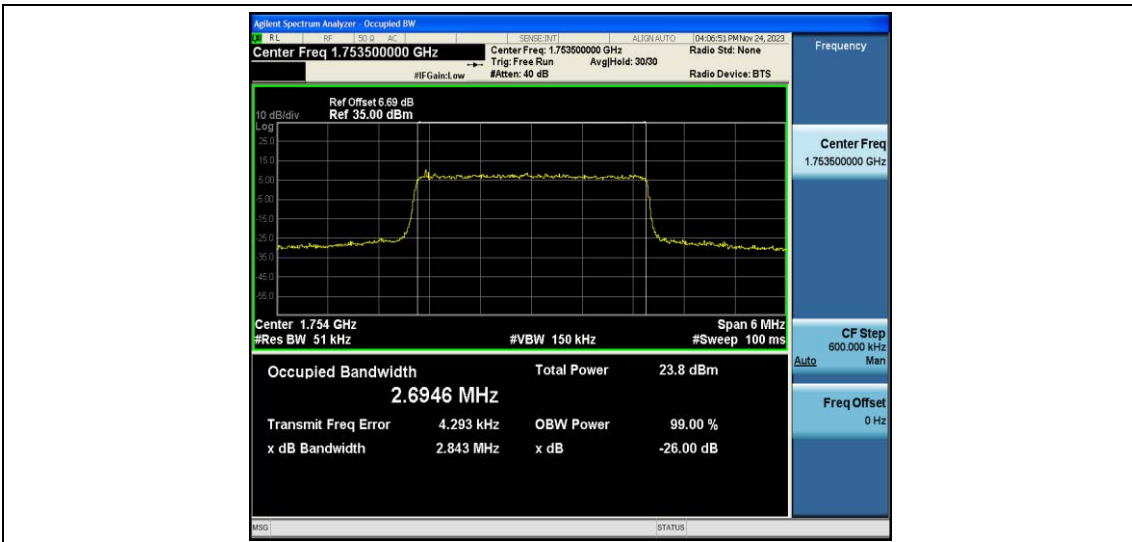
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Band4-3MHz-QPSK-20175-15RB#0



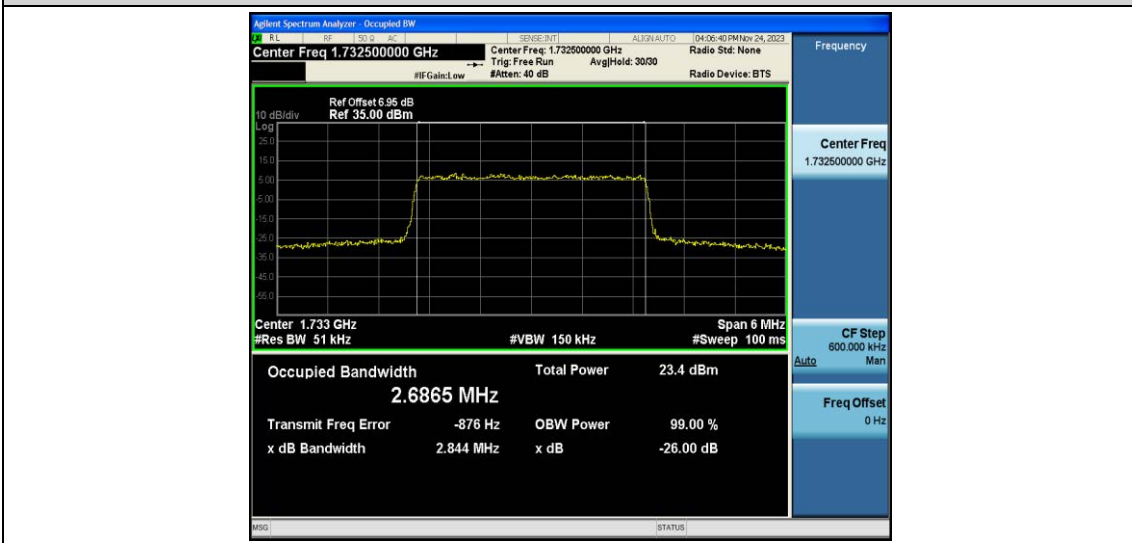
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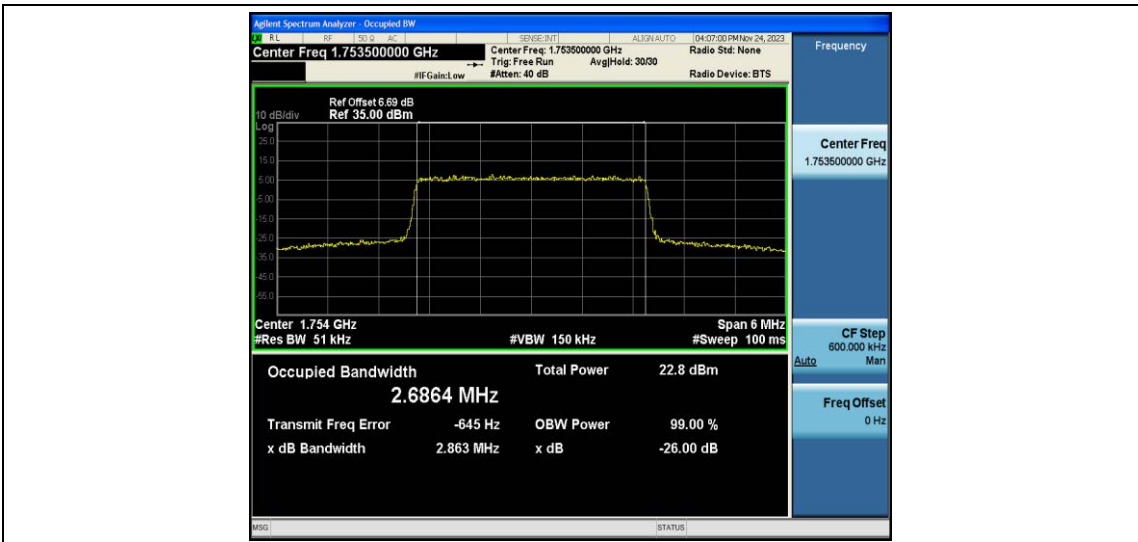
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Band4-3MHz-16QAM-20175-15RB#0



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



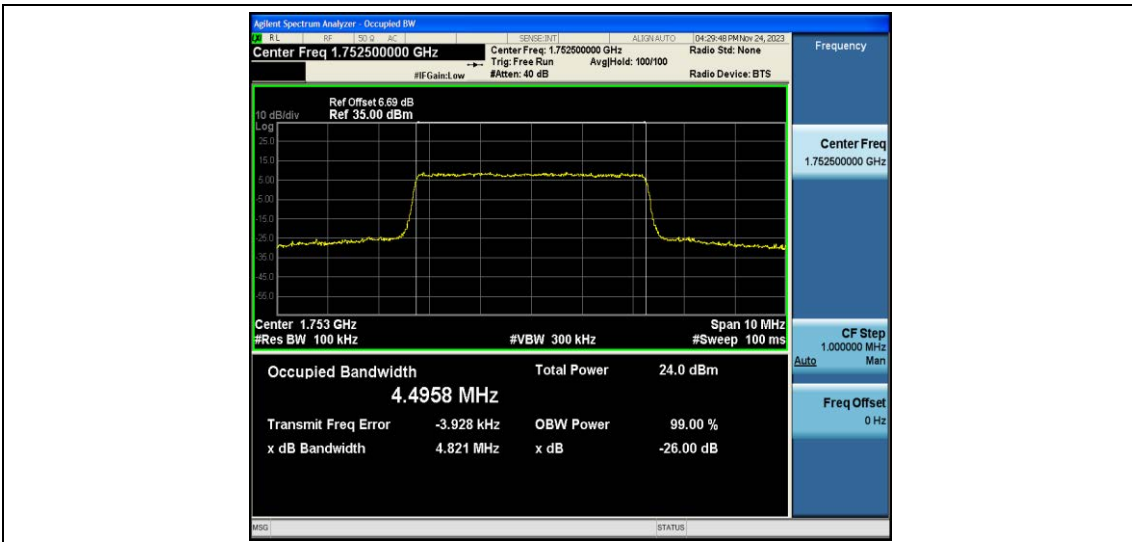
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Band4-5MHz-QPSK-20175-25RB#0



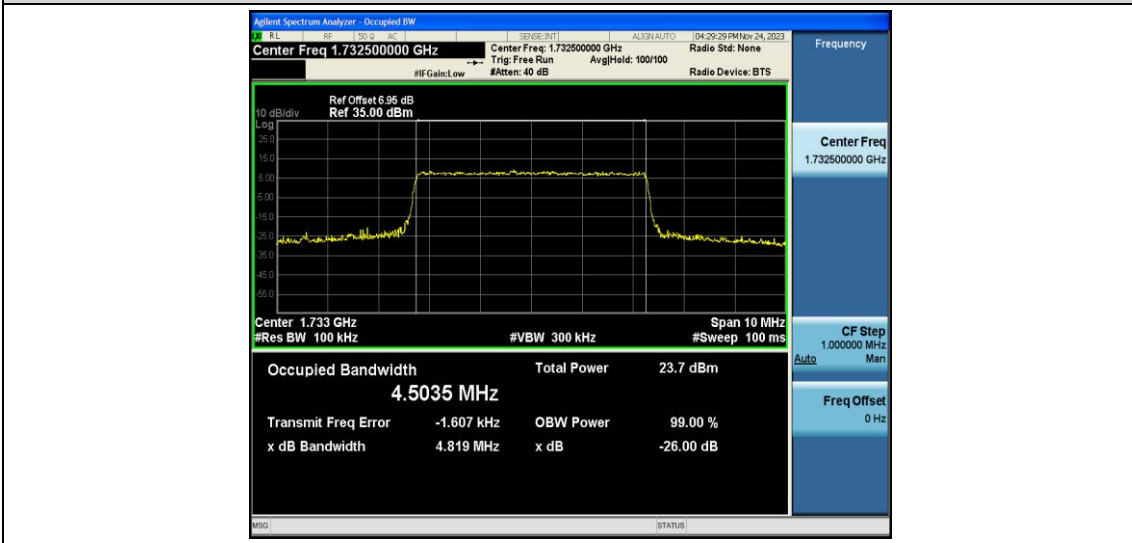
Band4-5MHz-QPSK-20375-25RB#0



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



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



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



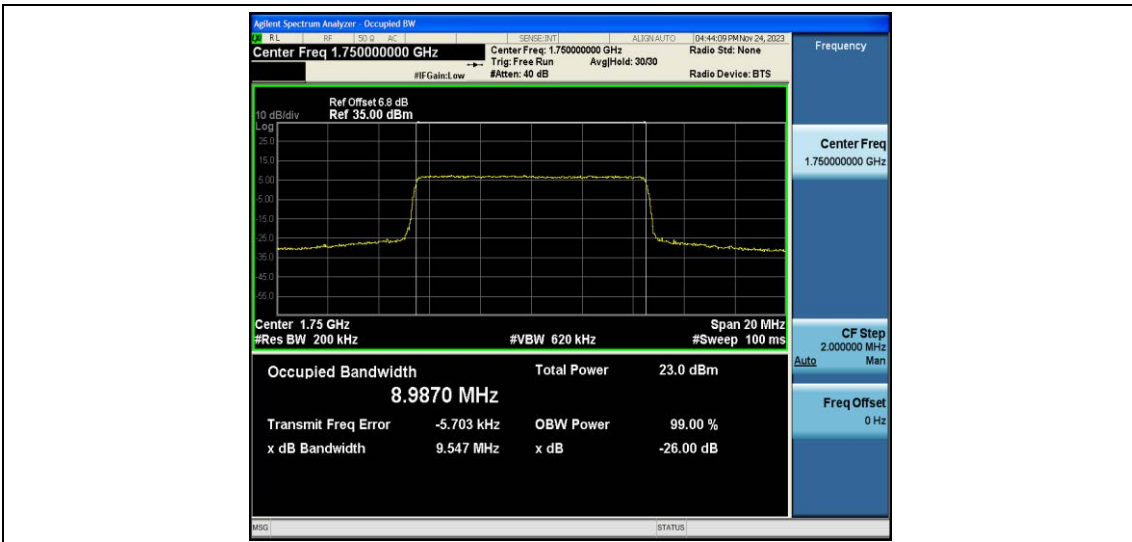
Band4-10MHz-QPSK-20000-50RB#0



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



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



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



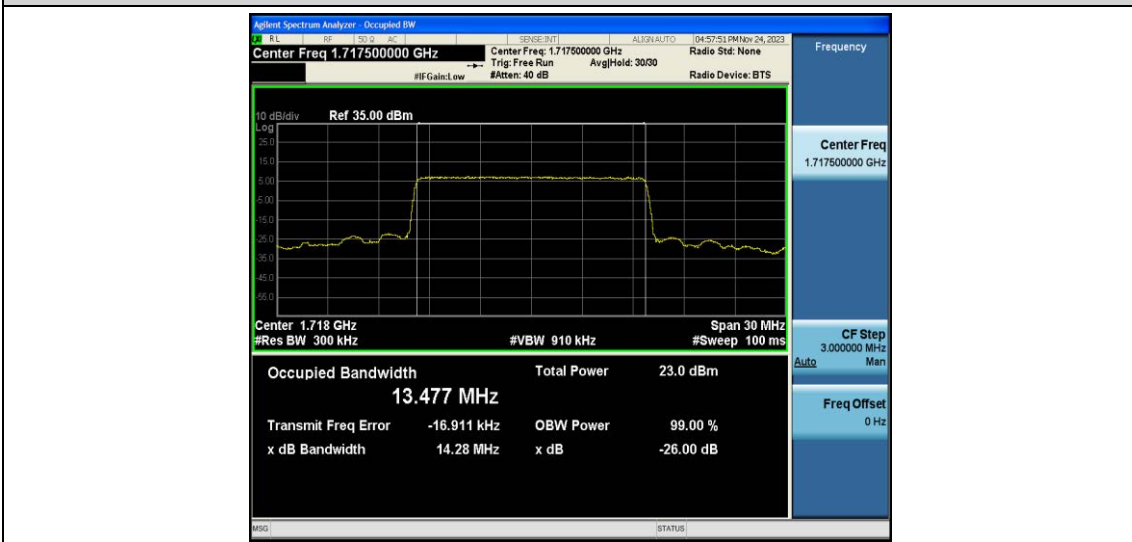
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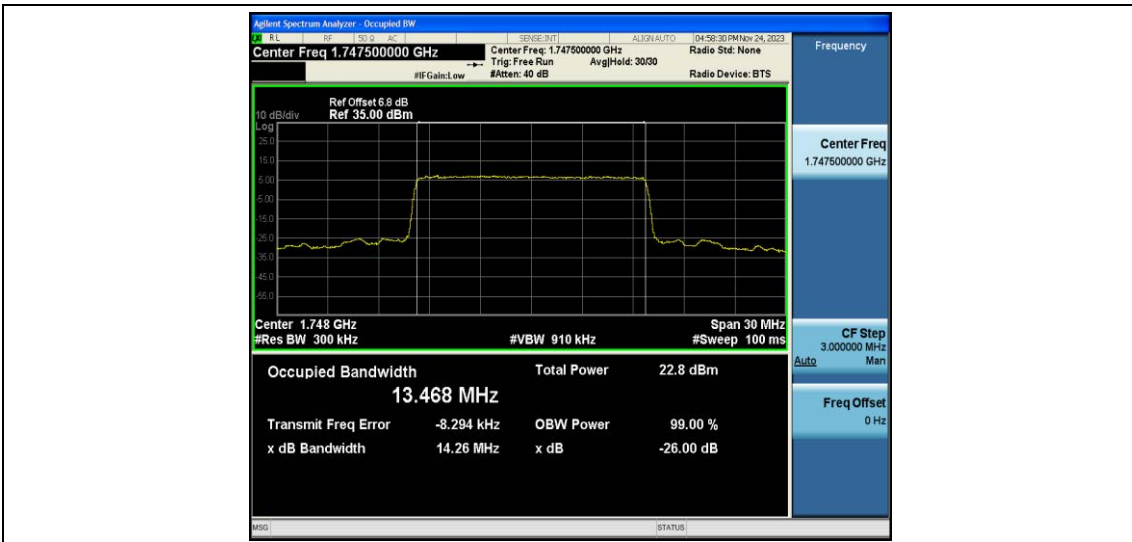
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Band4-15MHz-QPSK-20175-75RB#0



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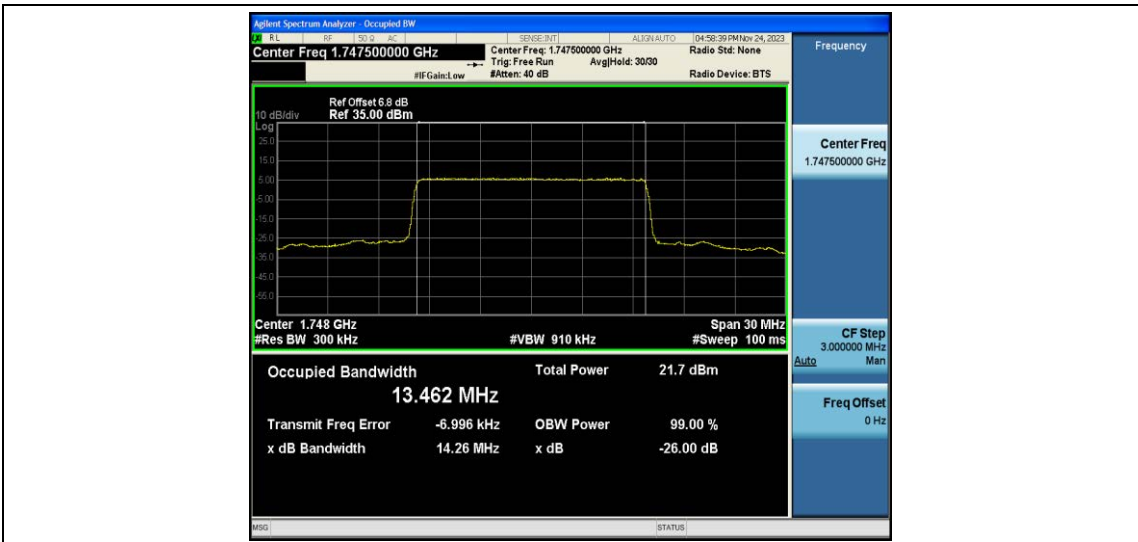
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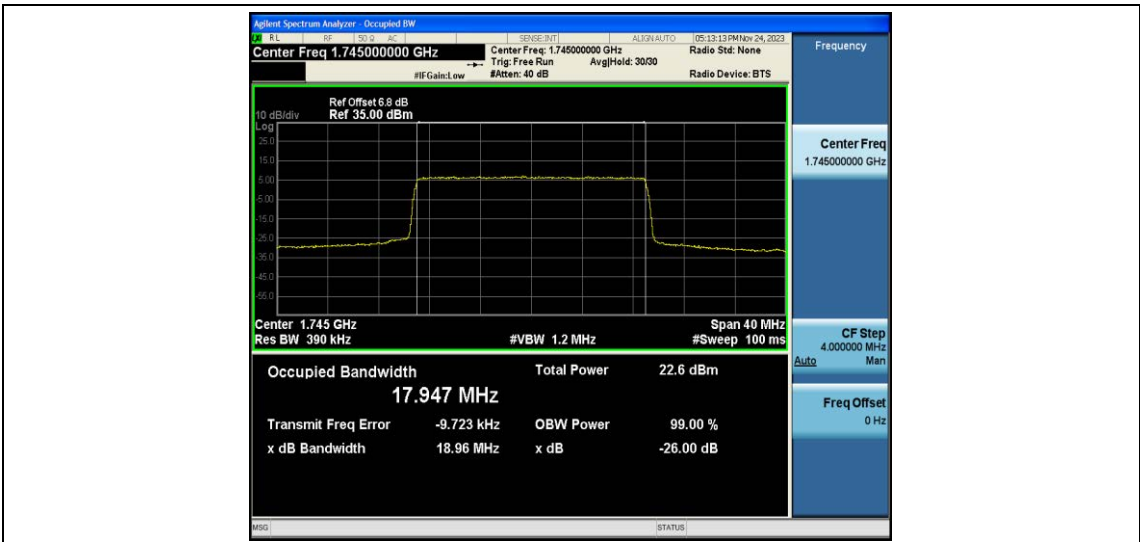
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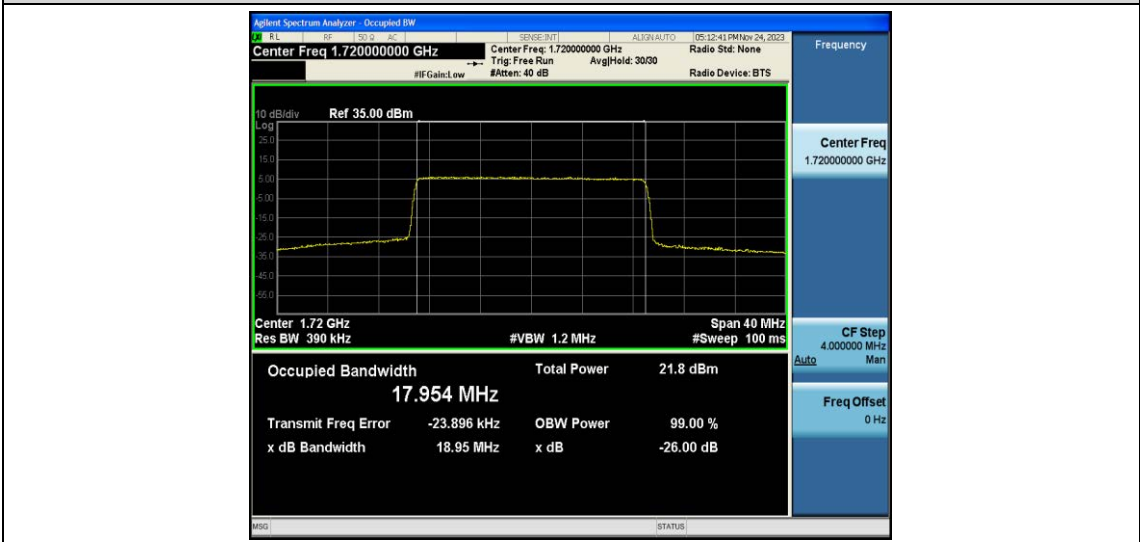
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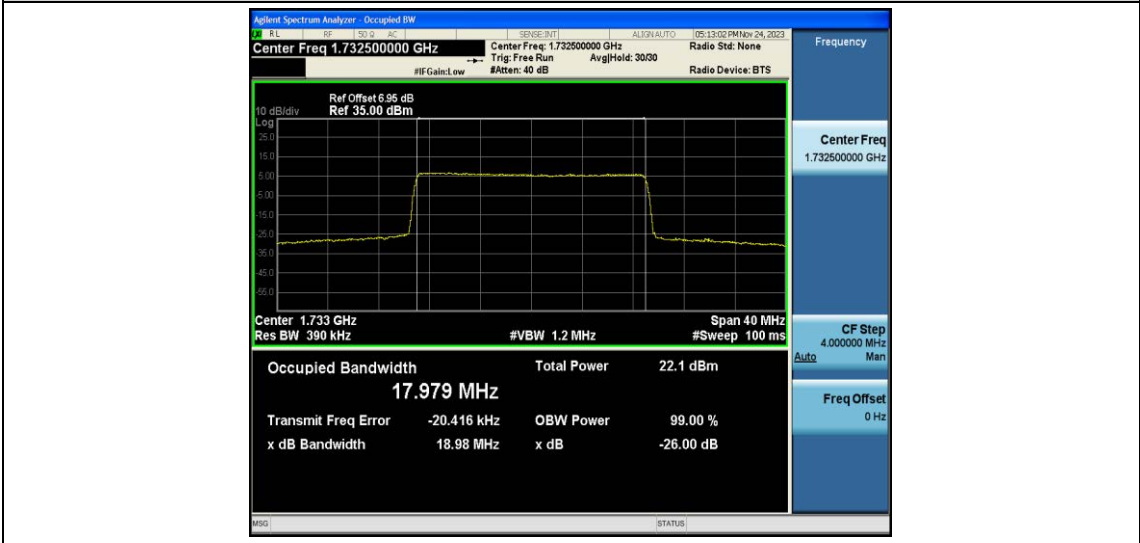
Band4-20MHz-QPSK-20300-100RB#0



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



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



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