# Appendix K: Test Data for E-UTRA Band 25

**Product Name: 4G Phone**

**Test Model: mindphone 1**

**Environmental Conditions**

| | |
|---|---|
| Temperature: | 23.8 ° C |
| Relative Humidity: | 52.1% |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Ling Zhu |
| Supervised by: | Li Huan |

# K.1 Effective (Isotropic) Radiated Power Output Data

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band25 | 1.4MHz | QPSK | 26047 | 1RB#0 | 22.85 | PASS |
| Band25 | 1.4MHz | QPSK | 26047 | 1RB#2 | 22.82 | PASS |
| Band25 | 1.4MHz | QPSK | 26047 | 1RB#5 | 22.86 | PASS |
| Band25 | 1.4MHz | QPSK | 26047 | 3RB#0 | 22.62 | PASS |
| Band25 | 1.4MHz | QPSK | 26047 | 3RB#1 | 22.60 | PASS |
| Band25 | 1.4MHz | QPSK | 26047 | 3RB#3 | 22.62 | PASS |
| Band25 | 1.4MHz | QPSK | 26047 | 6RB#0 | 21.42 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 1RB#0 | 24.47 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 1RB#2 | 24.33 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 1RB#5 | 24.31 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 3RB#0 | 23.93 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 3RB#1 | 23.95 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 3RB#3 | 23.92 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 6RB#0 | 23.05 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 1RB#0 | 23.11 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 1RB#2 | 23.10 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 1RB#5 | 22.91 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 3RB#0 | 23.13 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 3RB#1 | 23.13 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 3RB#3 | 23.08 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 6RB#0 | 22.60 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#0 | 23.32 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#2 | 23.42 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#5 | 23.27 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 3RB#0 | 21.83 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 3RB#1 | 21.83 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 3RB#3 | 21.66 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 6RB#0 | 21.00 | PASS |

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|---|---|---|---|---|---|---|
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#0 | 23.99 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#2 | 23.93 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#5 | 24.12 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#0 | 23.13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#1 | 23.17 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#3 | 23.16 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0 | 22.62 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#0 | 22.33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#2 | 22.33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#5 | 22.31 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#0 | 22.66 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#1 | 22.65 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#3 | 22.64 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0 | 21.98 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 1RB#0 | 21.57 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 1RB#8 | 21.49 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 1RB#14 | 21.59 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 8RB#0 | 20.74 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 8RB#4 | 20.72 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 8RB#7 | 20.67 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 15RB#0 | 20.71 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 1RB#0 | 21.68 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 1RB#8 | 21.72 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 1RB#14 | 21.73 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 8RB#0 | 21.08 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 8RB#4 | 21.17 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 8RB#7 | 21.05 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 15RB#0 | 20.94 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 1RB#0 | 21.85 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 1RB#8 | 21.84 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 1RB#14 | 21.83 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 8RB#0 | 21.07 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 8RB#4 | 21.08 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 8RB#7 | 21.19 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 15RB#0 | 21.18 | PASS |

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|---|---|---|---|---|---|---|
| Band25 | 3MHz | 16QAM | 26055 | 1RB#0 | 21.16 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 1RB#8 | 21.21 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 1RB#14 | 21.22 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 8RB#0 | 20.33 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 8RB#4 | 20.28 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 8RB#7 | 20.32 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 15RB#0 | 20.25 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#0 | 21.09 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#8 | 21.18 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#14 | 21.09 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#0 | 20.50 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#4 | 20.50 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#7 | 20.56 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 15RB#0 | 20.38 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#0 | 20.72 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#8 | 20.74 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#14 | 20.73 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#0 | 20.47 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#4 | 20.48 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#7 | 20.53 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0 | 20.28 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 1RB#0 | 21.64 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 1RB#12 | 21.67 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 1RB#24 | 21.76 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 12RB#0 | 20.85 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 12RB#6 | 20.77 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 12RB#13 | 20.64 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 25RB#0 | 20.72 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 1RB#0 | 21.72 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 1RB#12 | 21.74 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 1RB#24 | 21.75 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 12RB#0 | 20.93 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 12RB#6 | 20.94 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 12RB#13 | 20.99 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 25RB#0 | 21.02 | PASS |

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|---|---|---|---|---|---|---|
| Band25 | 5MHz | QPSK | 26665 | 1RB#0 | 21.77 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 1RB#12 | 21.85 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 1RB#24 | 21.78 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 12RB#0 | 21.19 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 12RB#6 | 21.10 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 12RB#13 | 21.22 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 25RB#0 | 21.16 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#0 | 20.52 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#12 | 20.53 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#24 | 20.56 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 12RB#0 | 20.27 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 12RB#6 | 20.27 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 12RB#13 | 20.27 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 25RB#0 | 20.35 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 1RB#0 | 20.66 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 1RB#12 | 20.67 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 1RB#24 | 20.68 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 12RB#0 | 20.42 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 12RB#6 | 20.43 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 12RB#13 | 20.39 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 25RB#0 | 20.44 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 1RB#0 | 21.38 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 1RB#12 | 21.40 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 1RB#24 | 21.47 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 12RB#0 | 20.43 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 12RB#6 | 20.45 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 12RB#13 | 20.46 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 25RB#0 | 20.39 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 1RB#0 | 21.45 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 1RB#24 | 21.48 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 1RB#49 | 21.50 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 25RB#0 | 20.82 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 25RB#12 | 20.76 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 25RB#25 | 20.79 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 50RB#0 | 20.77 | PASS |

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|---|---|---|---|---|---|---|
| Band25 | 10MHz | QPSK | 26365 | 1RB#0 | 21.55 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 1RB#24 | 21.56 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 1RB#49 | 21.65 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 25RB#0 | 20.87 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 25RB#12 | 21.07 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 25RB#25 | 20.99 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 50RB#0 | 20.89 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 1RB#0 | 21.80 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 1RB#24 | 21.86 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 1RB#49 | 21.88 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 25RB#0 | 21.08 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 25RB#12 | 21.10 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 25RB#25 | 21.08 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 50RB#0 | 21.16 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0 | 21.25 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#24 | 21.21 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#49 | 21.32 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#0 | 20.24 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#12 | 20.24 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#25 | 20.26 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0 | 20.26 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#0 | 21.31 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#24 | 21.23 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#49 | 21.22 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#0 | 20.28 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#12 | 20.27 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#25 | 20.49 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0 | 20.30 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0 | 21.12 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#24 | 21.13 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#49 | 21.14 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#0 | 20.52 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#12 | 20.52 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#25 | 20.50 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0 | 20.47 | PASS |

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|---|---|---|---|---|---|---|
| Band25 | 15MHz | QPSK | 26115 | 1RB#0 | 21.59 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 1RB#38 | 21.58 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 1RB#74 | 21.50 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 38RB#0 | 20.78 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 38RB#18 | 20.86 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 38RB#37 | 20.86 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 75RB#0 | 20.85 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 1RB#0 | 21.65 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 1RB#38 | 21.68 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 1RB#74 | 21.76 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 38RB#0 | 20.97 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 38RB#18 | 21.04 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 38RB#37 | 21.04 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 75RB#0 | 21.04 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 1RB#0 | 21.52 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 1RB#38 | 21.70 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 1RB#74 | 21.74 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 38RB#0 | 21.07 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 38RB#18 | 21.07 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 38RB#37 | 21.08 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 75RB#0 | 21.18 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0 | 21.17 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#38 | 21.29 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#74 | 21.26 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#0 | 20.84 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#18 | 20.86 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#37 | 20.85 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0 | 20.26 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#0 | 20.95 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#38 | 20.96 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#74 | 20.95 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#0 | 20.96 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#18 | 21.04 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#37 | 21.04 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0 | 20.42 | PASS |

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|---|---|---|---|---|---|---|
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0 | 21.31 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#38 | 21.36 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#74 | 21.34 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#0 | 21.07 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#18 | 21.07 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#37 | 21.07 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0 | 20.42 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 1RB#0 | 22.08 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 1RB#49 | 22.13 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 1RB#99 | 22.16 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 50RB#0 | 20.71 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 50RB#25 | 20.85 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 50RB#50 | 20.91 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 100RB#0 | 21.06 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 1RB#0 | 21.98 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 1RB#49 | 22.08 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 1RB#99 | 22.10 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 50RB#0 | 20.94 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 50RB#25 | 20.90 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 50RB#50 | 21.00 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | 21.06 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 1RB#0 | 21.74 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 1RB#49 | 21.89 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 1RB#99 | 21.91 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 50RB#0 | 21.05 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 50RB#25 | 21.07 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 50RB#50 | 21.14 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 100RB#0 | 21.13 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#0 | 21.11 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#49 | 21.13 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#99 | 21.16 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 50RB#0 | 20.38 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 50RB#25 | 20.39 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 50RB#50 | 20.42 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 20.36 | PASS |

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|---|---|---|---|---|---|---|
| Band25 | 20MHz | 16QAM | 26365 | 1RB#0 | 21.15 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#49 | 21.15 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#99 | 21.02 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 50RB#0 | 20.51 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 50RB#25 | 20.51 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 50RB#50 | 20.47 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 20.43 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#0 | 21.42 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#49 | 21.43 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#99 | 21.48 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 50RB#0 | 20.39 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 50RB#25 | 20.40 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 50RB#50 | 20.48 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 20.41 | PASS |

## K.2 Peak-to-Average Ratio(CCDF)

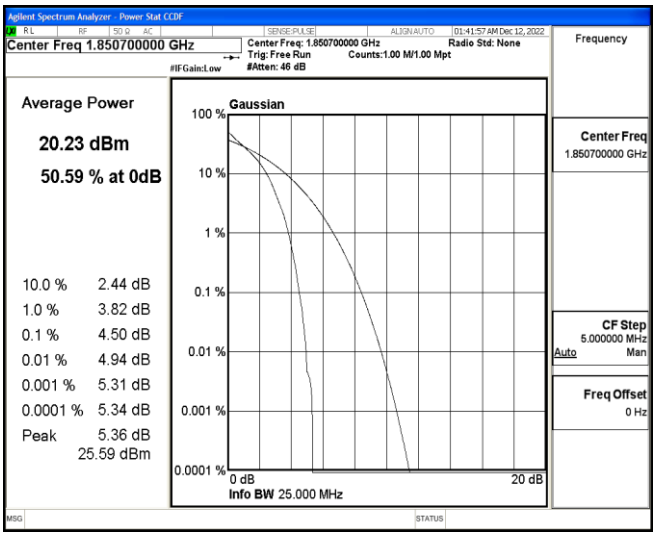
### Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|---|---|---|---|---|---|---|---|
| Band25 | 1.4MHz | QPSK | 26047 | 6RB#0 | 4.50 | 13 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 6RB#0 | 4.30 | 13 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 6RB#0 | 4.24 | 13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 6RB#0 | 5.08 | 13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0 | 4.97 | 13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0 | 4.92 | 13 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 15RB#0 | 4.49 | 13 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 15RB#0 | 4.31 | 13 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 15RB#0 | 4.21 | 13 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 15RB#0 | 5.24 | 13 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 15RB#0 | 4.99 | 13 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0 | 4.93 | 13 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 25RB#0 | 4.53 | 13 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 25RB#0 | 4.29 | 13 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 25RB#0 | 4.23 | 13 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 25RB#0 | 5.12 | 13 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 25RB#0 | 4.89 | 13 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 25RB#0 | 4.93 | 13 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 50RB#0 | 4.67 | 13 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 50RB#0 | 4.30 | 13 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 50RB#0 | 4.32 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0 | 5.27 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0 | 4.85 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0 | 5.06 | 13 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 75RB#0 | 5.14 | 13 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 75RB#0 | 4.74 | 13 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 75RB#0 | 4.78 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0 | 5.57 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0 | 5.22 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0 | 5.29 | 13 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 100RB#0 | 5.08 | 13 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | 4.87 | 13 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 100RB#0 | 4.83 | 13 | PASS |

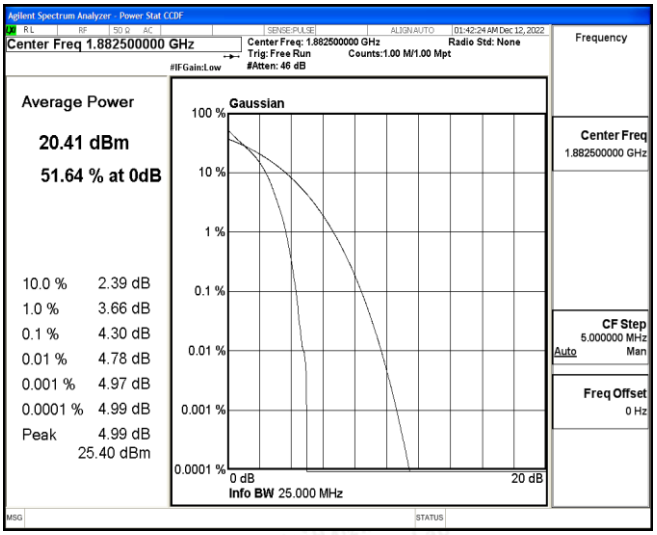
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 5.67 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 5.45 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 5.49 | 13 | PASS |

## Test Graphs

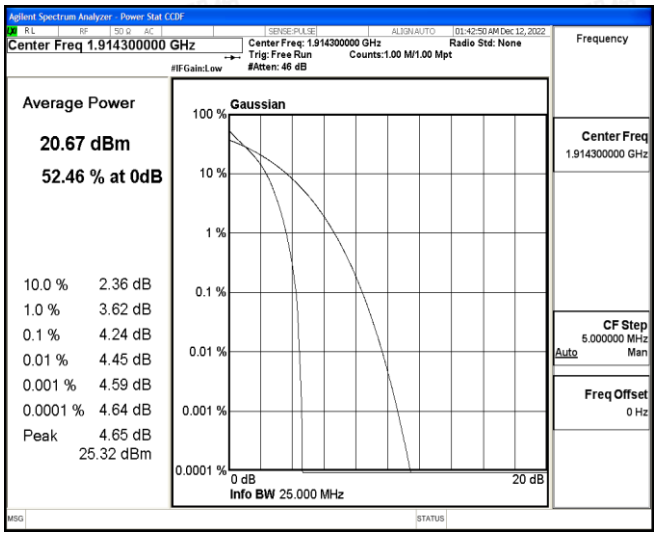
Band25-1.4MHz-QPSK-26047-6RB#0



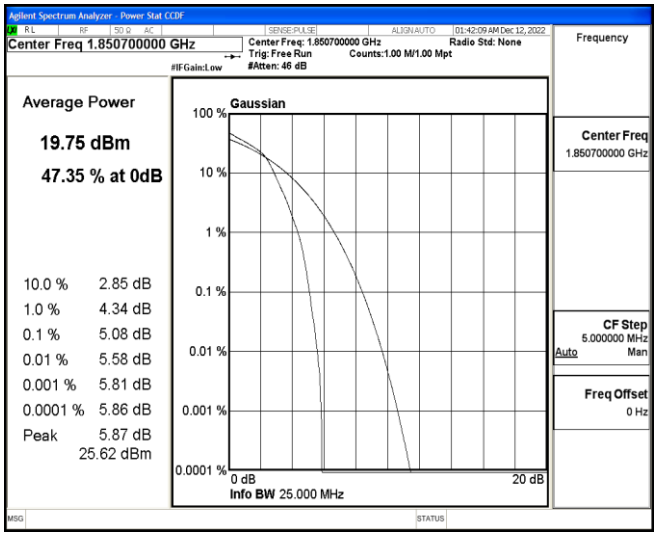

Band25-1.4MHz-QPSK-26365-6RB#0



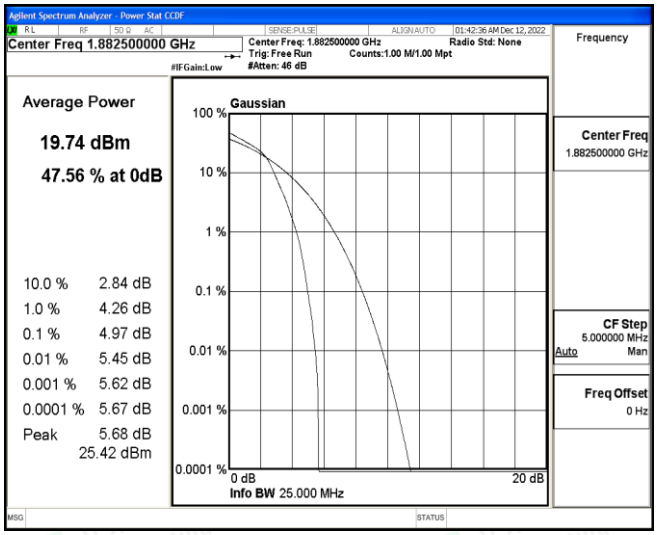

Band25-1.4MHz-QPSK-26683-6RB#0



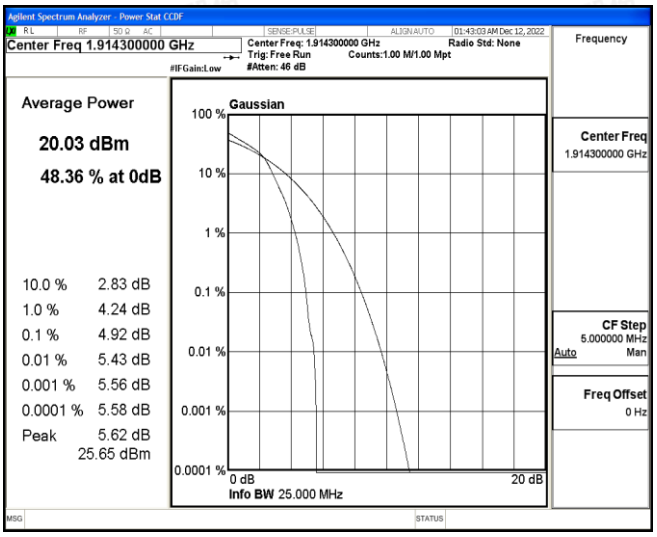

Band25-1.4MHz-16QAM-26047-6RB#0



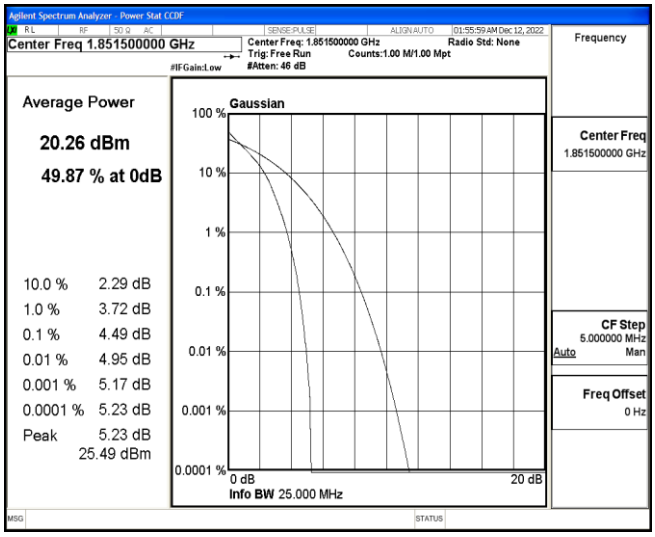

Band25-1.4MHz-16QAM-26365-6RB#0



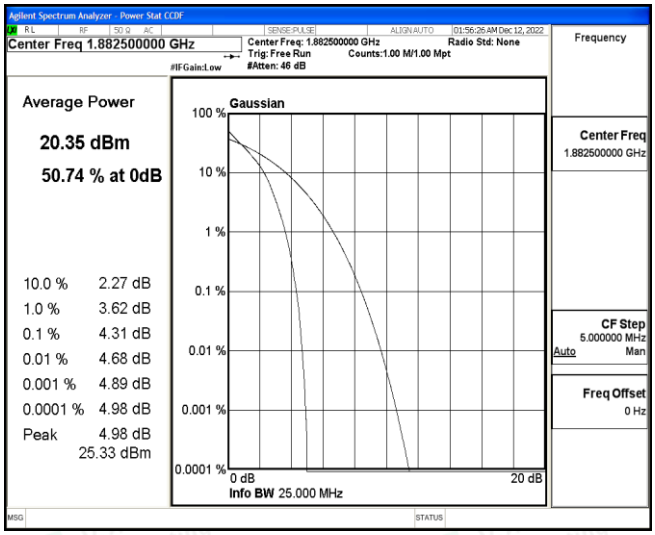

Band25-1.4MHz-16QAM-26683-6RB#0



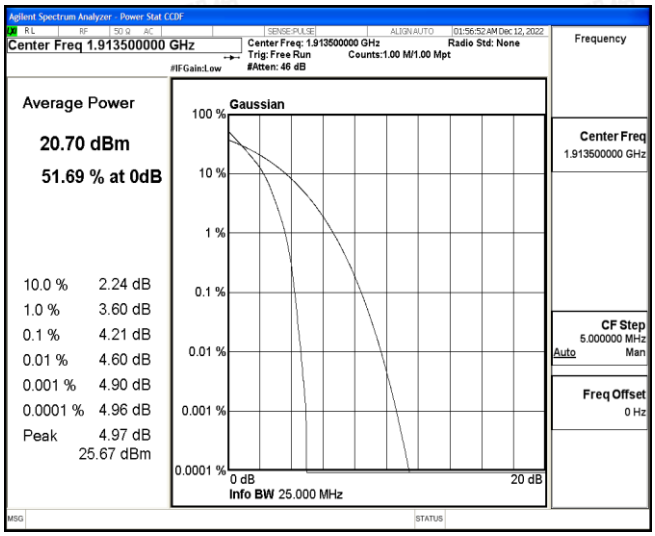

Band25-3MHz-QPSK-26055-15RB#0



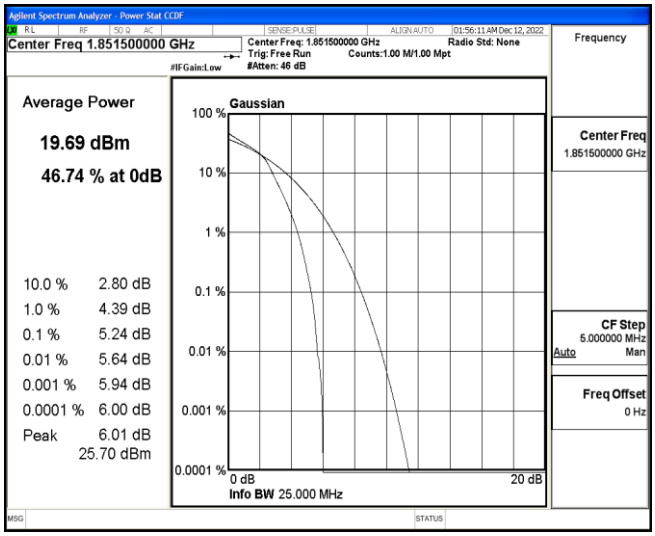

Band25-3MHz-QPSK-26365-15RB#0



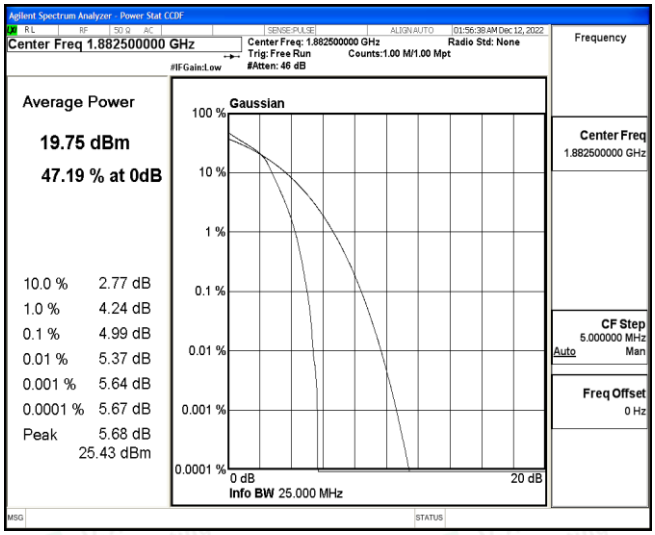

Band25-3MHz-QPSK-26675-15RB#0



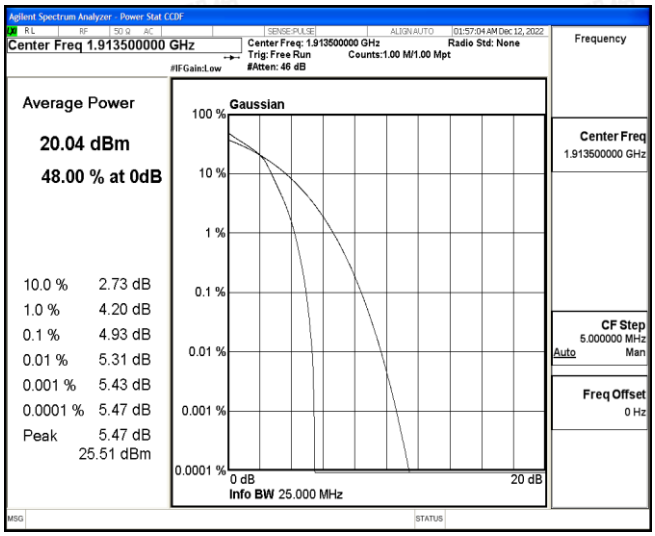

Band25-3MHz-16QAM-26055-15RB#0



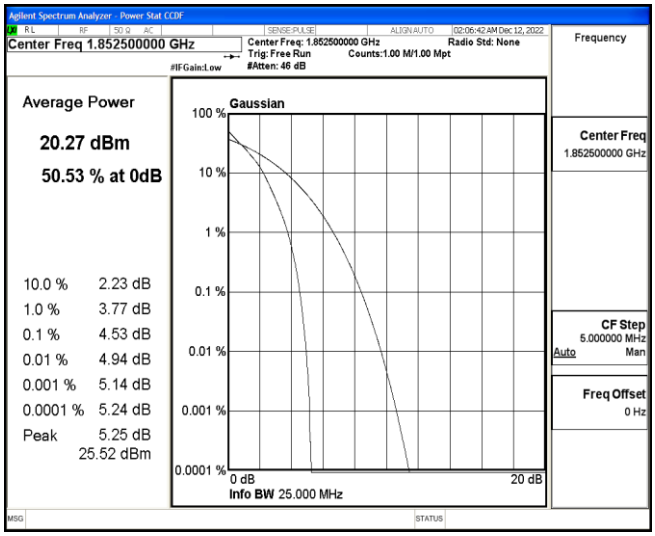

Band25-3MHz-16QAM-26365-15RB#0



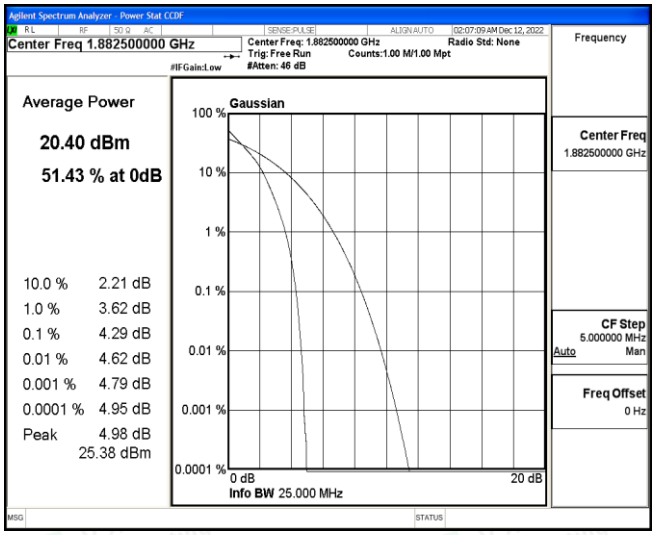

Band25-3MHz-16QAM-26675-15RB#0




Band25-5MHz-QPSK-26065-25RB#0




Band25-5MHz-QPSK-26365-25RB#0

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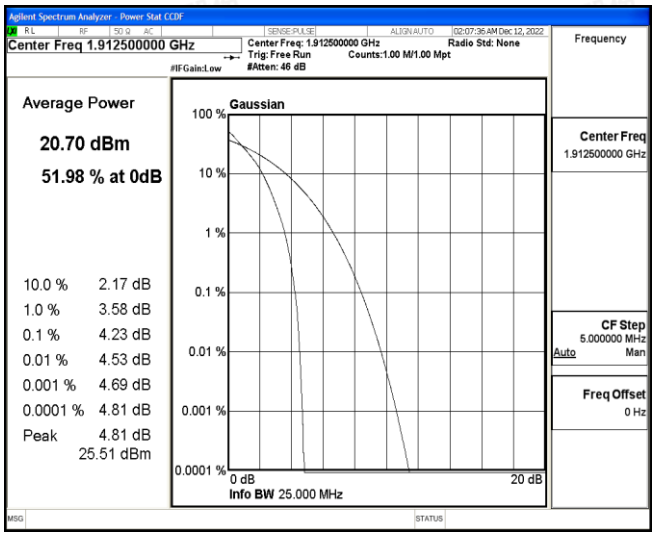


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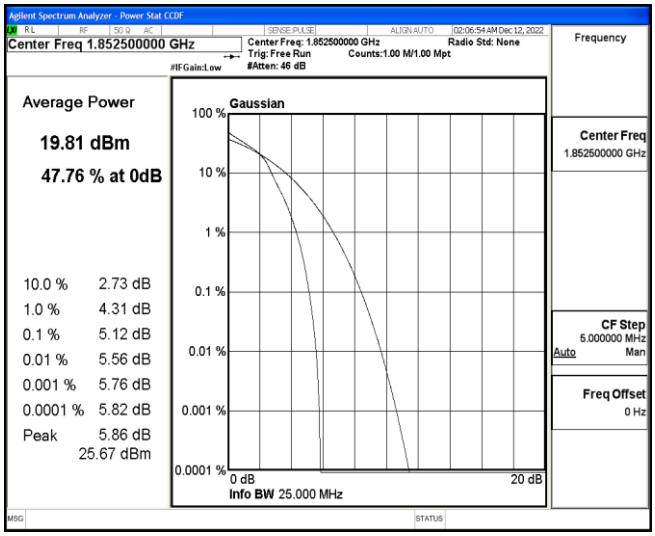
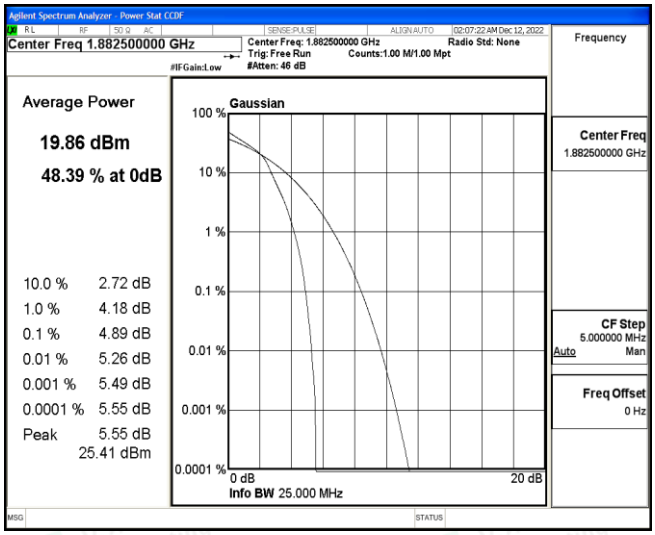
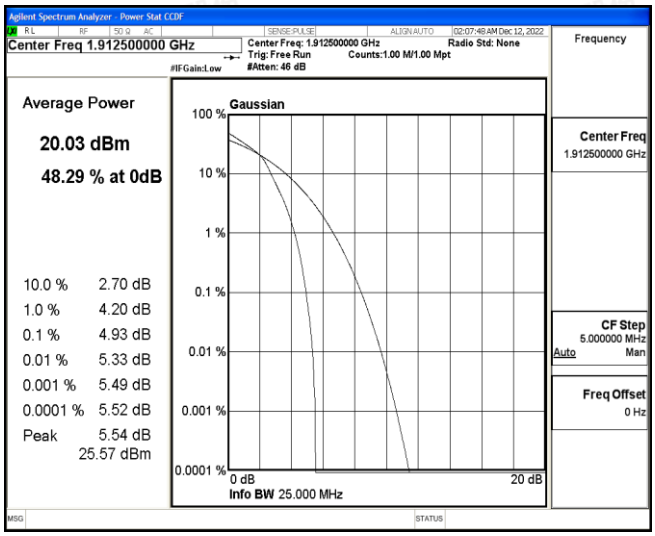


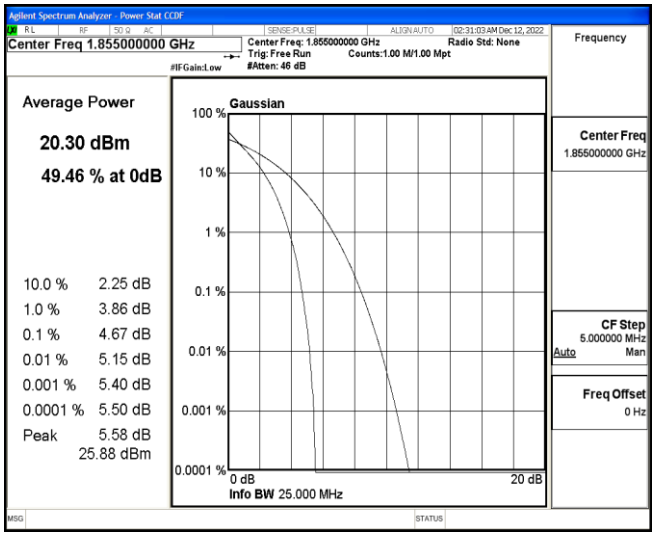

Band25-5MHz-16QAM-26365-25RB#0



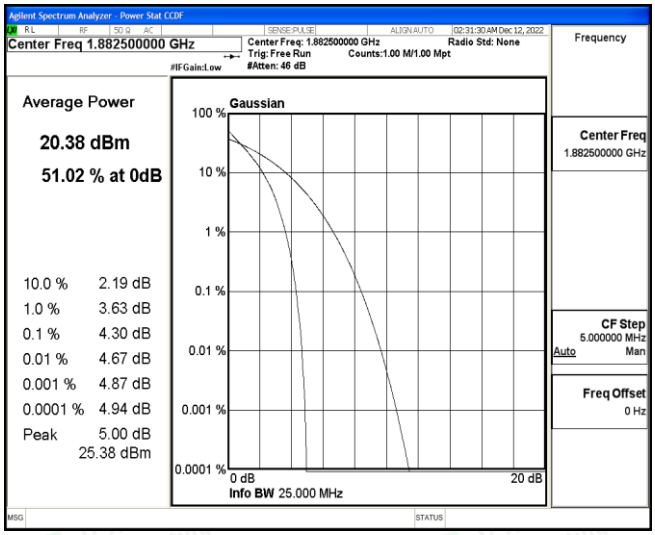

Band25-5MHz-16QAM-26665-25RB#0




Band25-10MHz-QPSK-26090-50RB#0




Band25-10MHz-QPSK-26365-50RB#0

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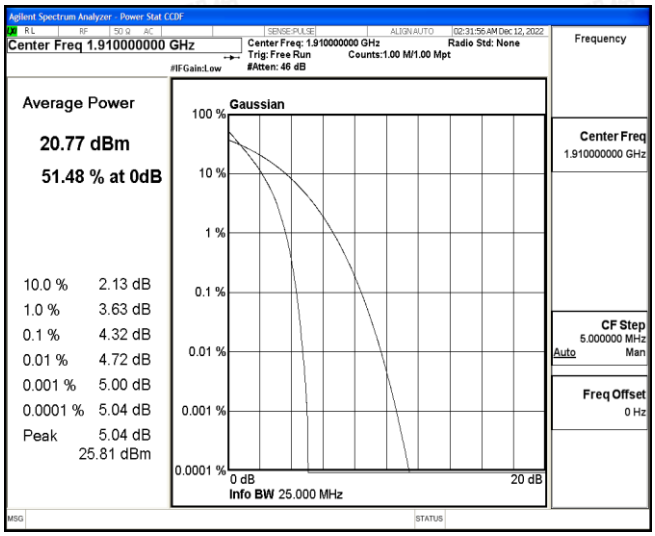


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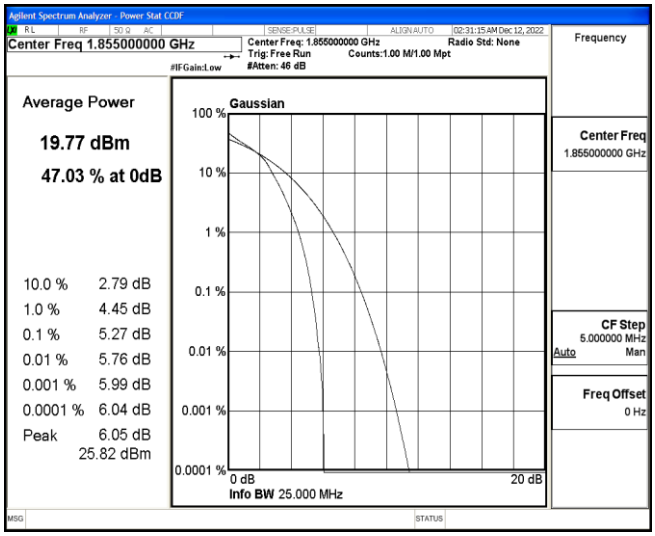


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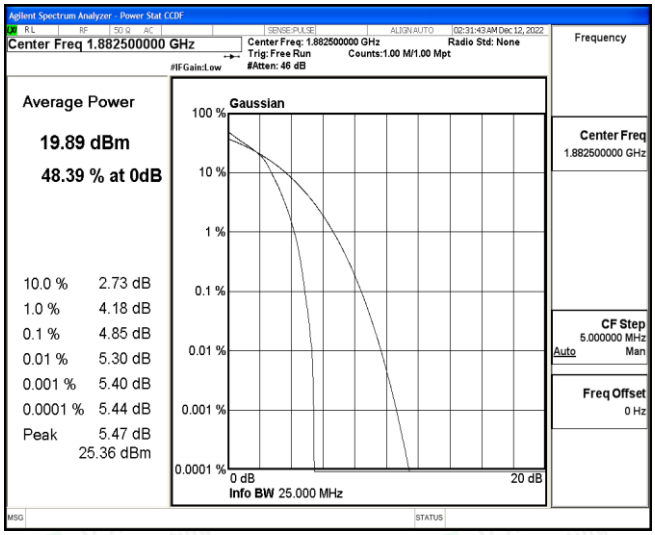


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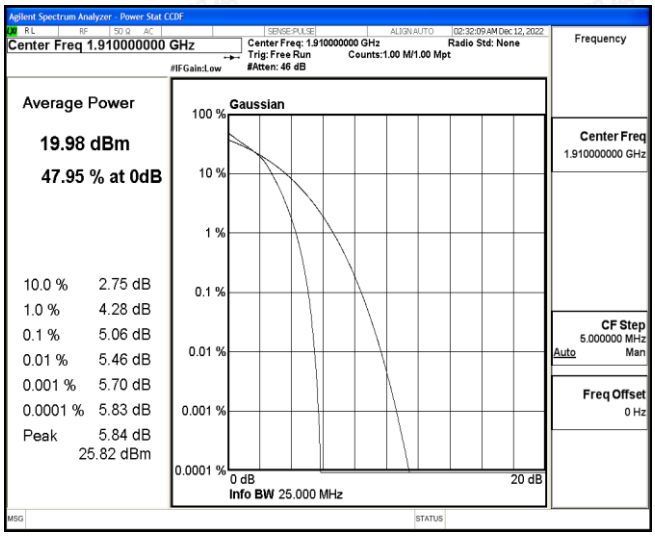
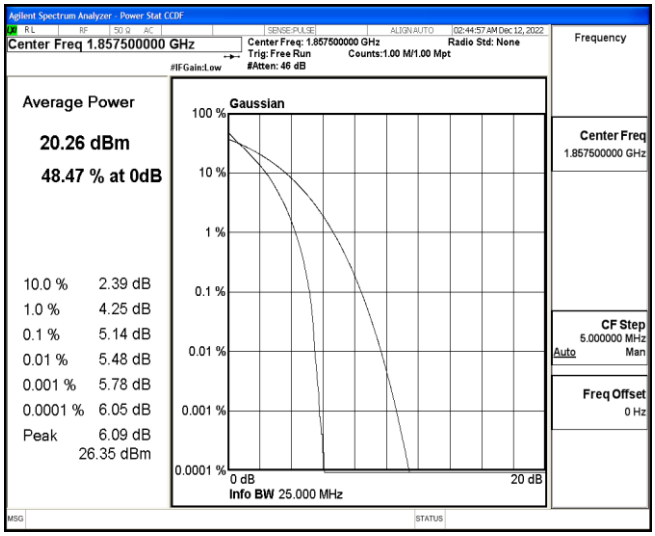
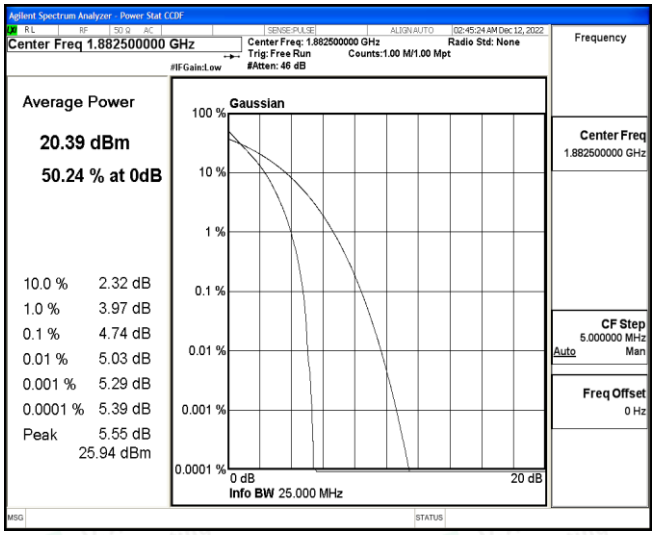


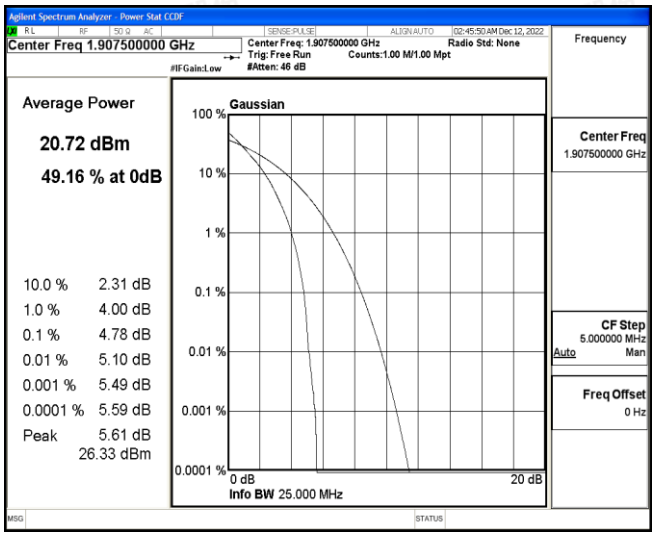

Band25-15MHz-QPSK-26115-75RB#0



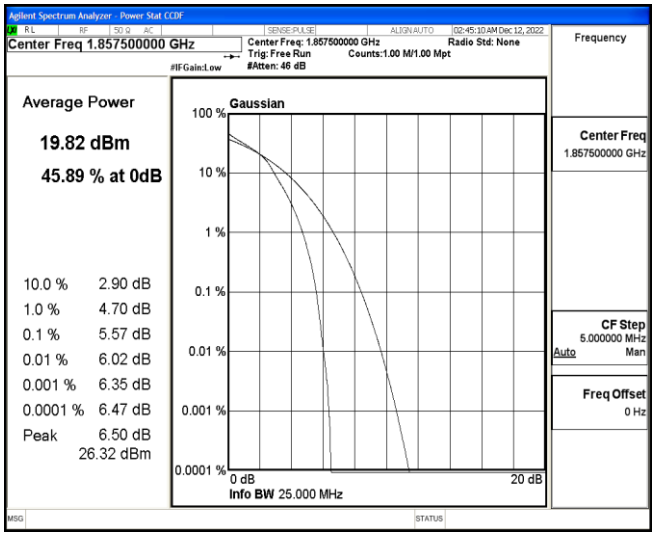

Band25-15MHz-QPSK-26365-75RB#0



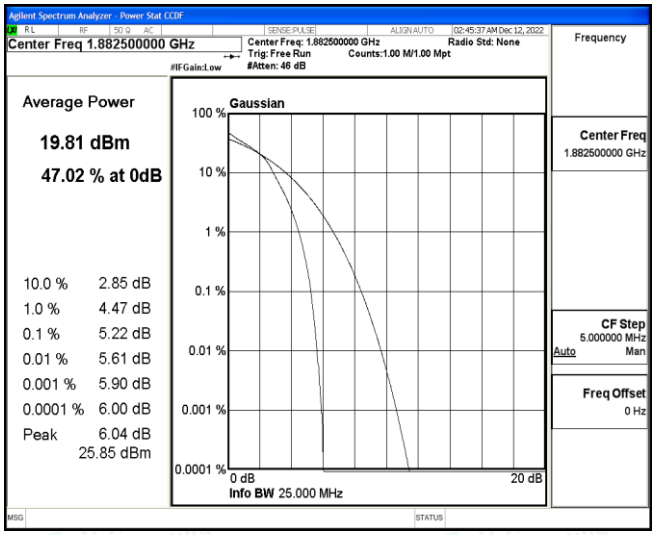

Band25-15MHz-QPSK-26615-75RB#0




Band25-15MHz-16QAM-26115-75RB#0




Band25-15MHz-16QAM-26365-75RB#0

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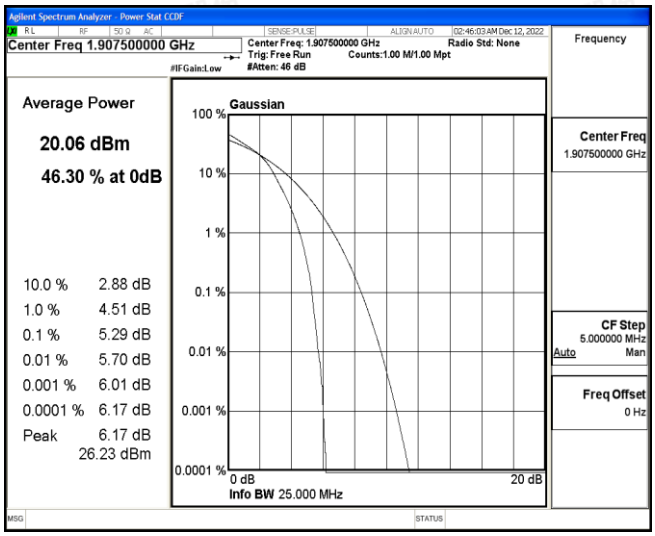
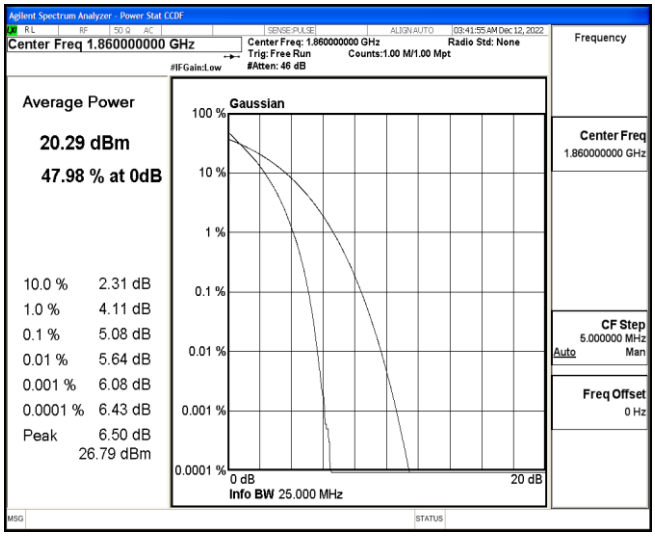
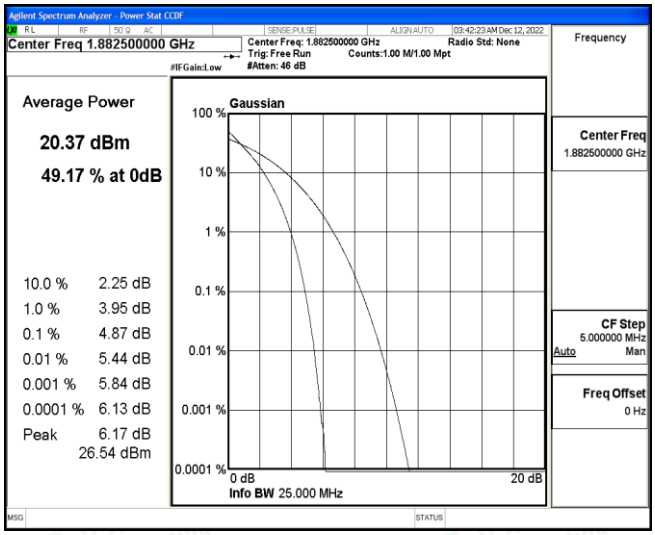


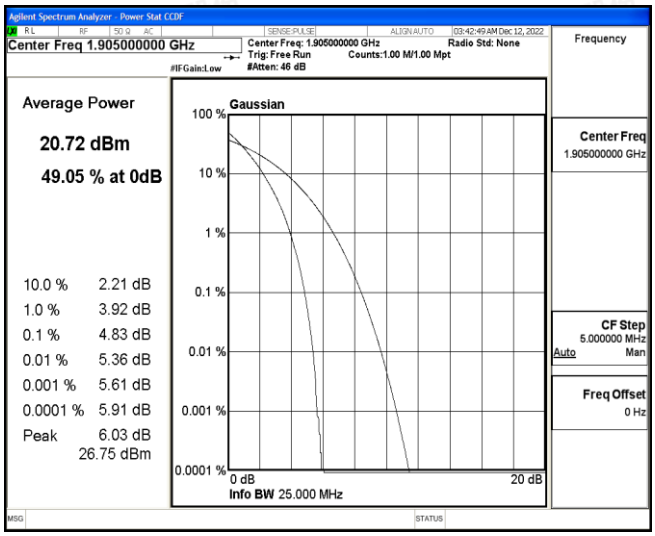

Band25-20MHz-QPSK-26140-100RB#0



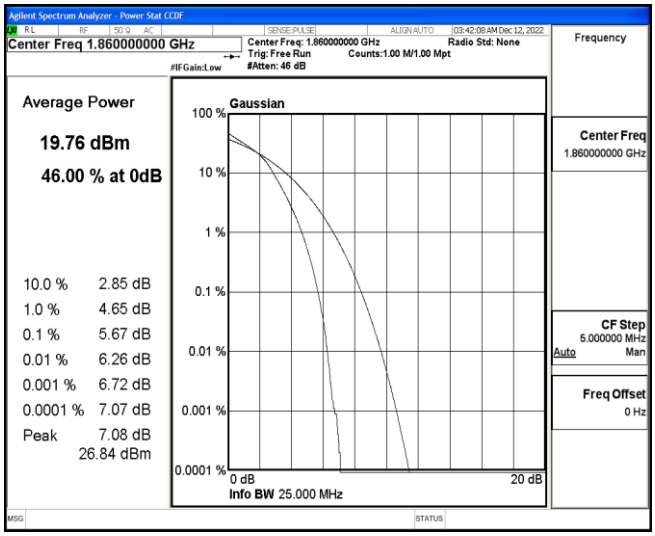

Band25-20MHz-QPSK-26365-100RB#0



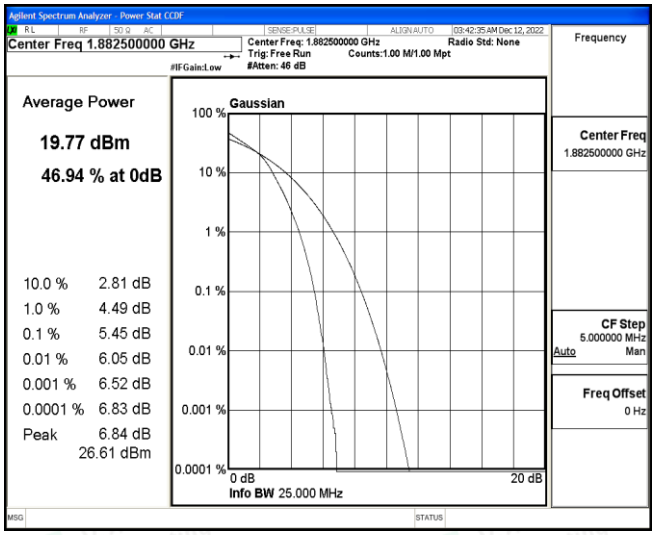

Band25-20MHz-QPSK-26590-100RB#0



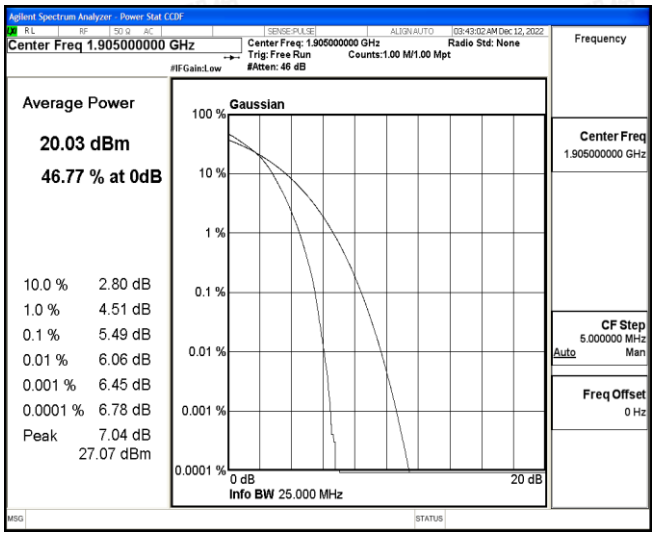

Band25-20MHz-16QAM-26140-100RB#0




Band25-20MHz-16QAM-26365-100RB#0




Band25-20MHz-16QAM-26590-100RB#0


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 1.905000000 GHz
Center Freq: 1.905000000 GHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
20.03 dBm
46.77 % at 0dB
10.0 % 2.80 dB
1.0 % 4.51 dB
0.1 % 5.49 dB
0.01 % 6.06 dB
0.001 % 6.45 dB
0.0001 % 6.78 dB
Peak 7.04 dB
27.07 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
1.905000000 GHz
CF Step
5.000000 MHz
Auto Man
Freq Offset
0 Hz

## K.3 26dB Bandwidth and Occupied Bandwidth

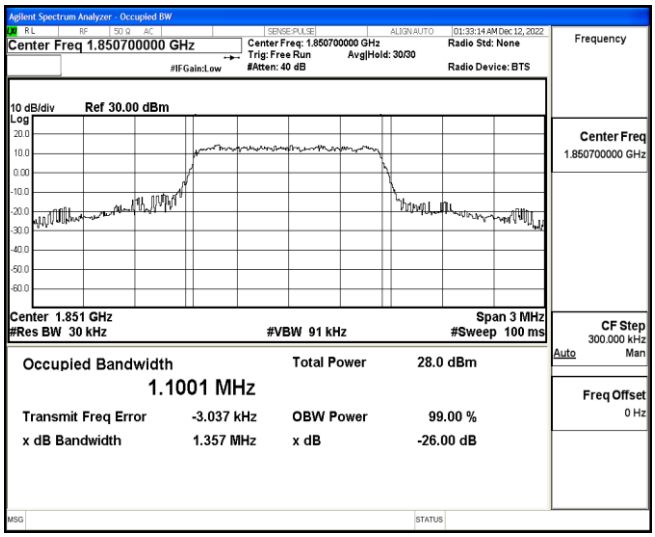
### Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| Band25 | 1.4MHz | QPSK | 26047 | 6RB#0 | 1.1001 | 1.357 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 6RB#0 | 1.0952 | 1.283 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 6RB#0 | 1.1026 | 1.331 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 6RB#0 | 1.1059 | 1.365 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0 | 1.1125 | 1.360 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0 | 1.1072 | 1.330 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 15RB#0 | 2.7071 | 3.185 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 15RB#0 | 2.7158 | 3.173 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 15RB#0 | 2.7152 | 3.155 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 15RB#0 | 2.7122 | 3.085 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 15RB#0 | 2.7082 | 3.115 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0 | 2.7212 | 3.307 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 25RB#0 | 4.5257 | 5.361 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 25RB#0 | 4.5409 | 5.323 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 25RB#0 | 4.5082 | 5.438 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 25RB#0 | 4.5168 | 5.326 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 25RB#0 | 4.5256 | 5.292 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 25RB#0 | 4.5326 | 5.351 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 50RB#0 | 9.0098 | 10.01 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 50RB#0 | 9.0081 | 10.03 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 50RB#0 | 9.0051 | 10.20 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0 | 9.0060 | 10.06 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0 | 9.0270 | 10.30 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0 | 9.0204 | 10.16 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 75RB#0 | 13.517 | 15.38 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 75RB#0 | 13.520 | 15.57 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 75RB#0 | 13.504 | 15.63 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0 | 13.515 | 15.14 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0 | 13.525 | 14.92 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0 | 13.495 | 14.95 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 100RB#0 | 18.026 | 19.96 | PASS |

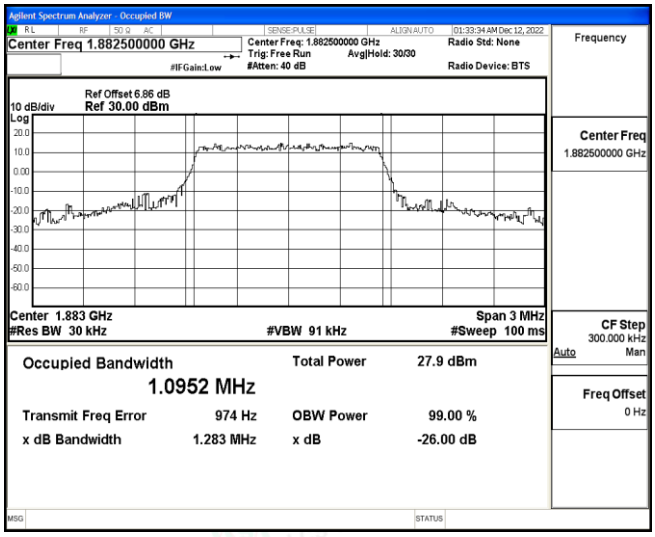
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | 18.009 | 20.22 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 100RB#0 | 17.999 | 19.92 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 18.073 | 19.90 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 18.060 | 20.03 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 18.029 | 20.37 | PASS |

## Test Graphs

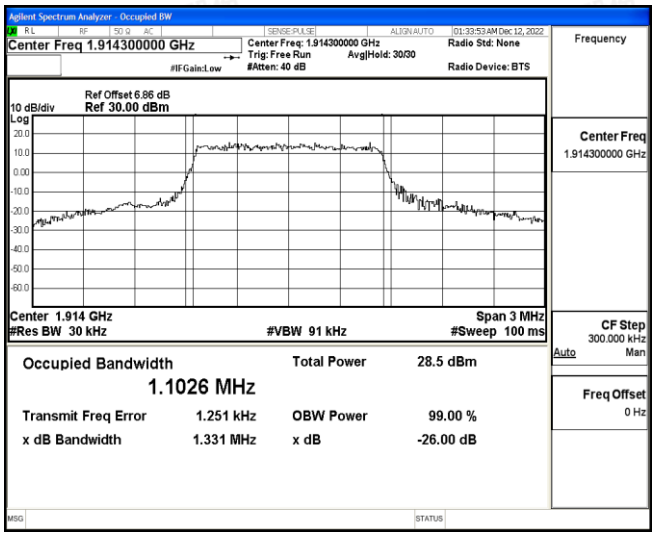
Band25-1.4MHz-QPSK-26047-6RB#0




Band25-1.4MHz-QPSK-26365-6RB#0




Band25-1.4MHz-QPSK-26683-6RB#0

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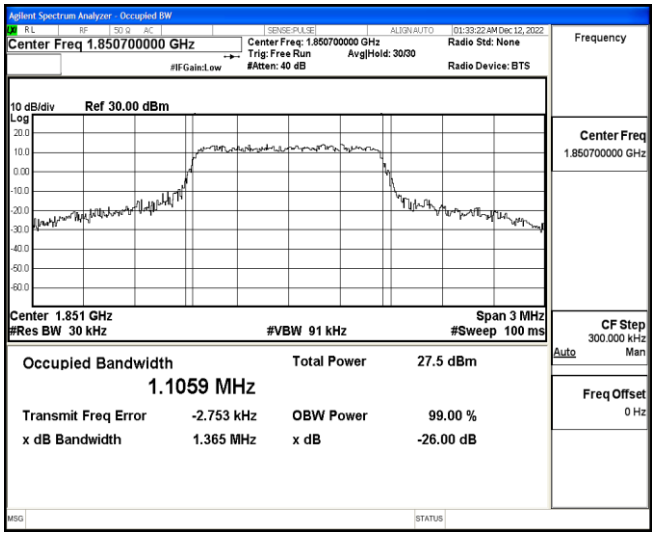


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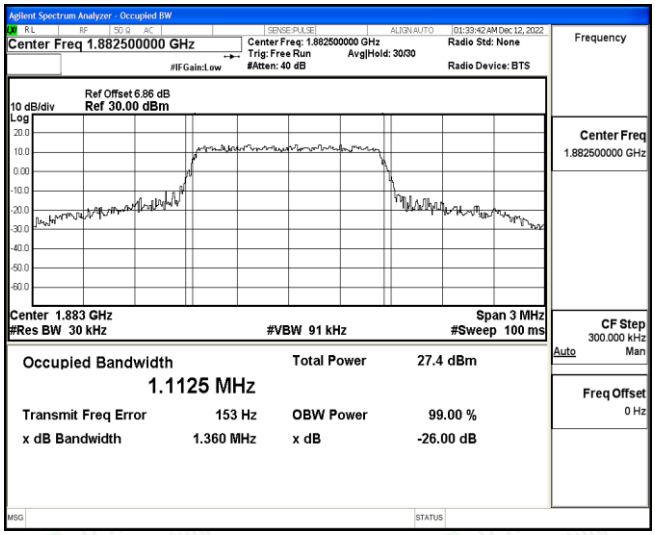


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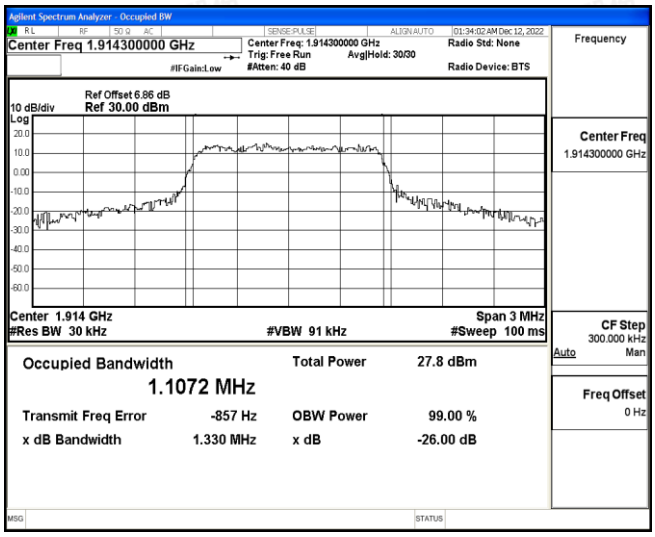


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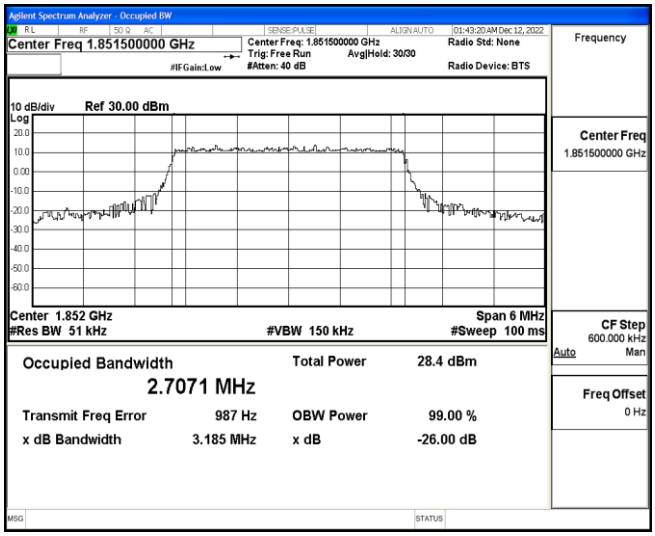


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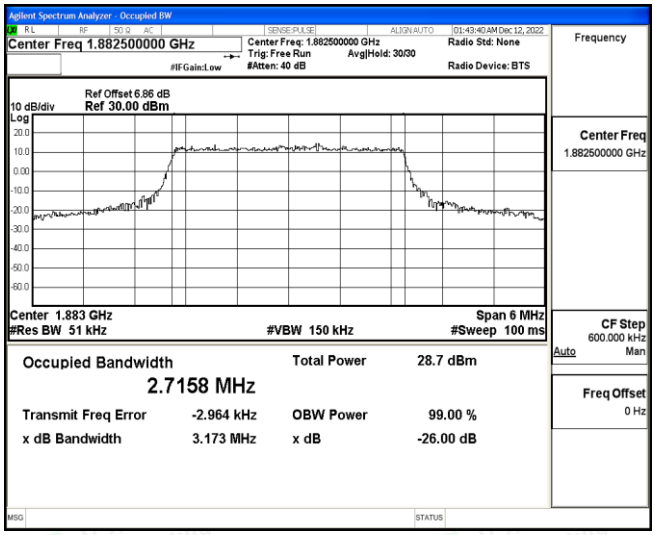


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