

Band4_15MHz_QPSK_20175_75RB#0



Band4_15MHz_QPSK_20325_1RB#0



Band4_15MHz_QPSK_20325_75RB#0



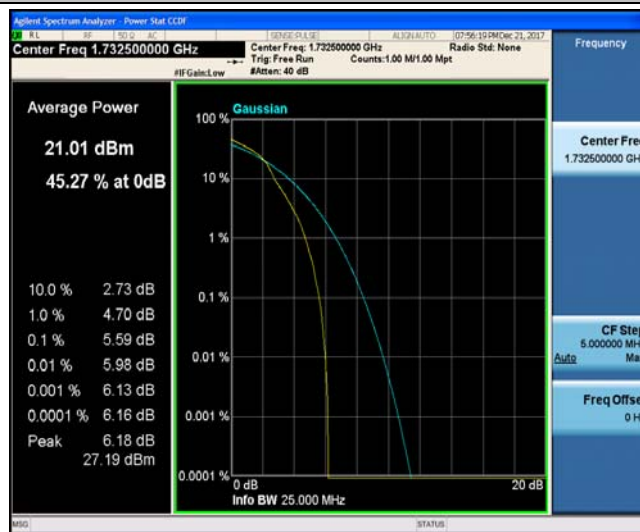
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Band4_15MHz_16QAM_20025_75RB#0



Band4_15MHz_16QAM_20175_1RB#0



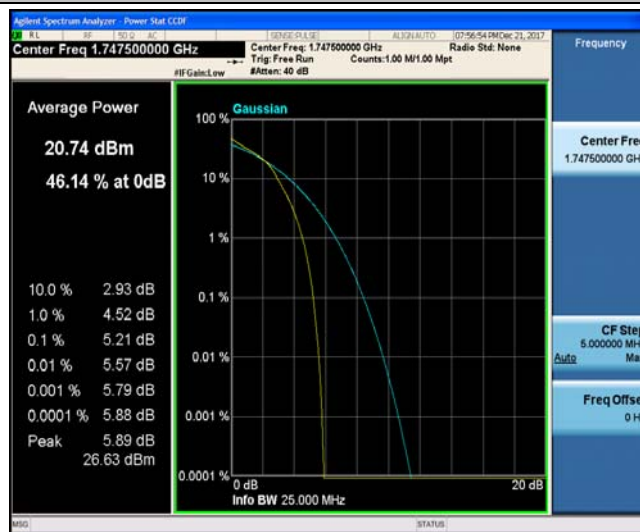
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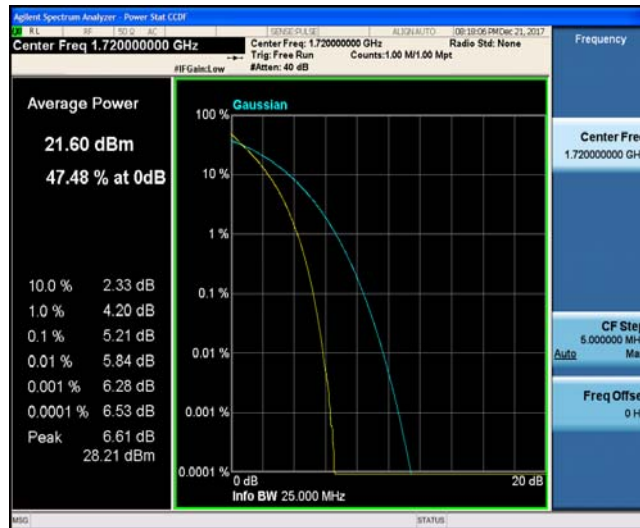
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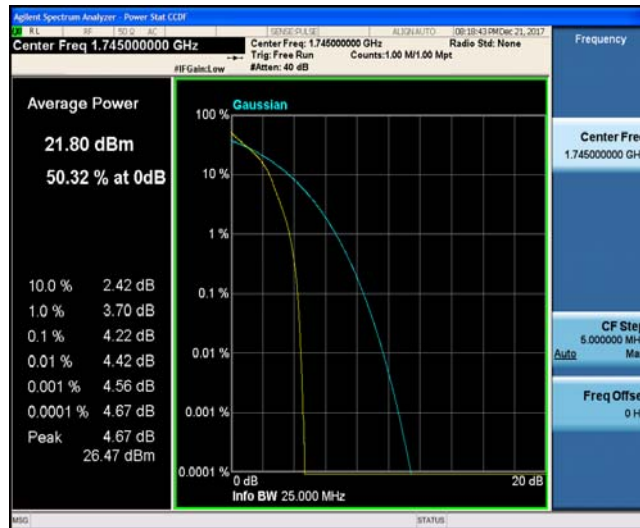
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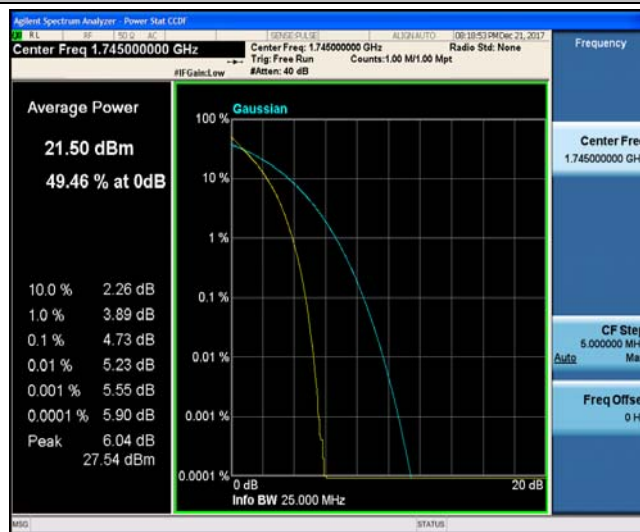
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Band4_20MHz_QPSK_20300_1RB#0



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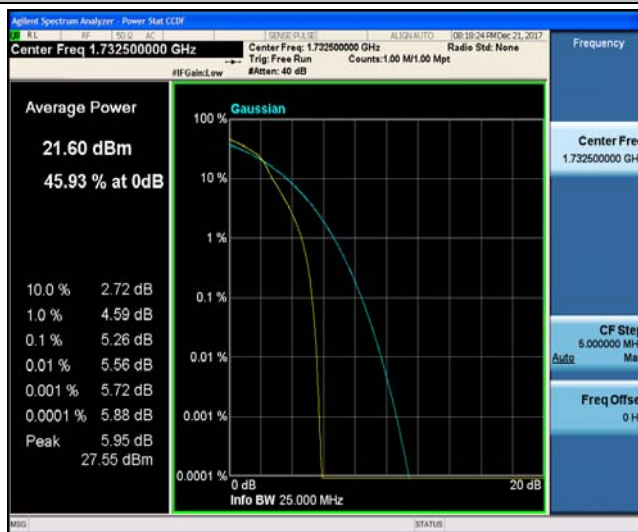
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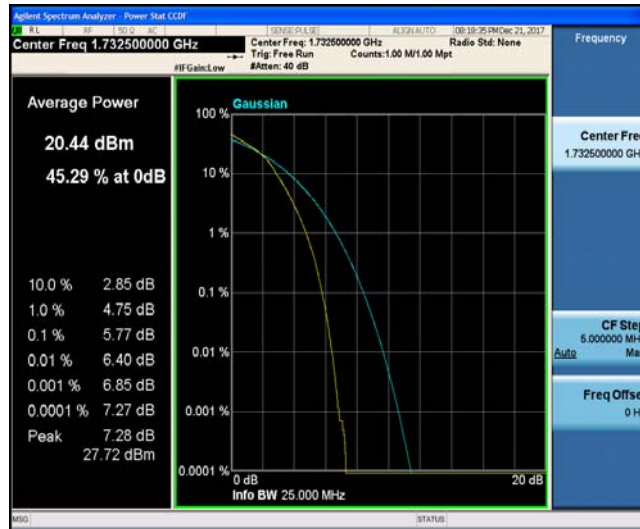
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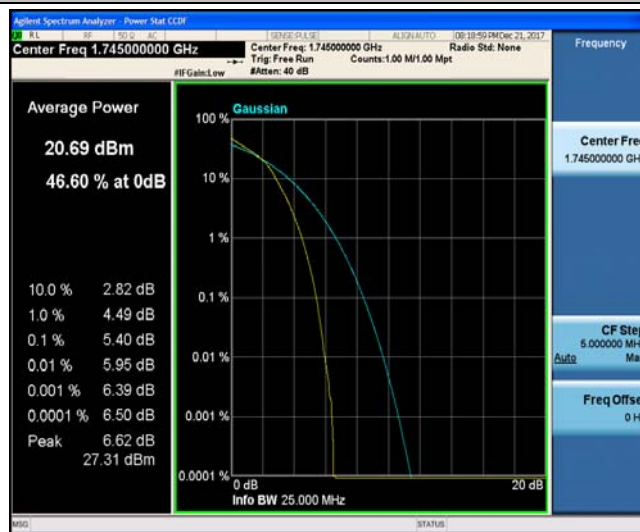
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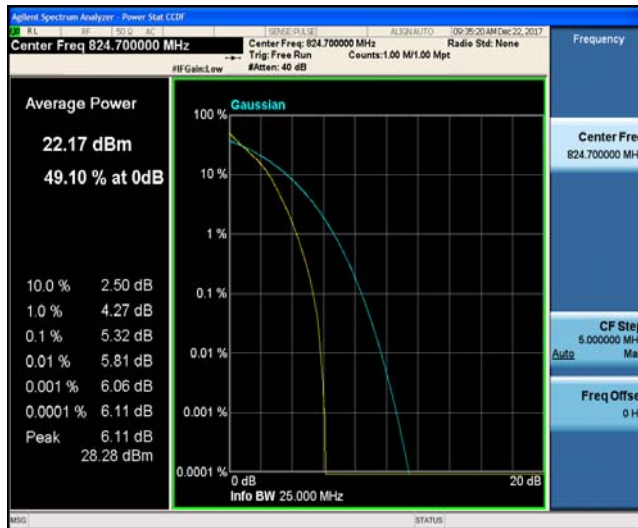
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Band5_1.4MHz_QPSK_20525_1RB#0



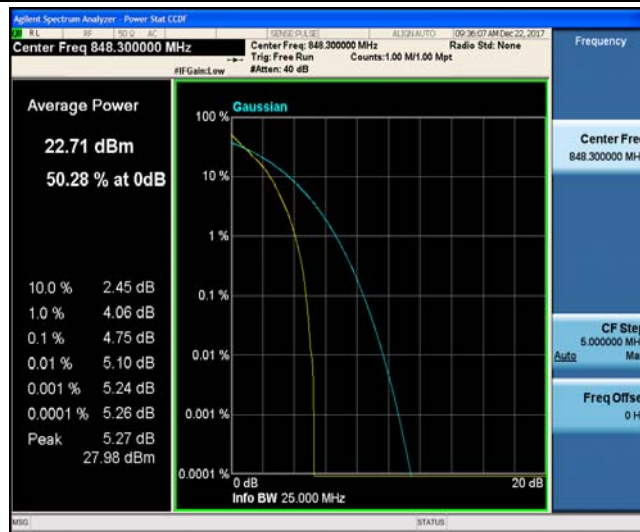
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Band5_1.4MHz_16QAM_20407_1RB#0



Band5_1.4MHz_16QAM_20407_6RB#0



Band5_1.4MHz_16QAM_20525_1RB#0



Band5_1.4MHz_16QAM_20525_6RB#0



Band5_1.4MHz_16QAM_20643_1RB#0



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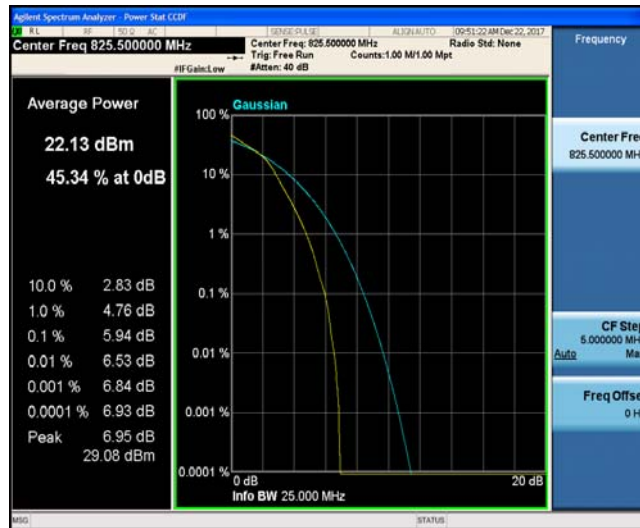
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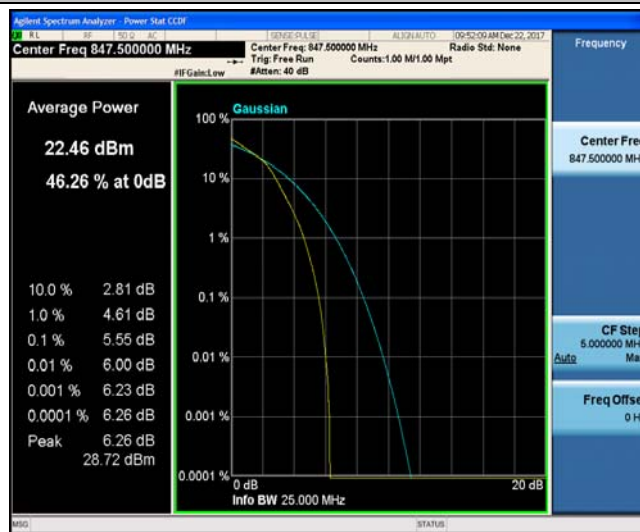
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Band5_5MHz_QPSK_20425_25RB#0



Band5_5MHz_QPSK_20525_1RB#0



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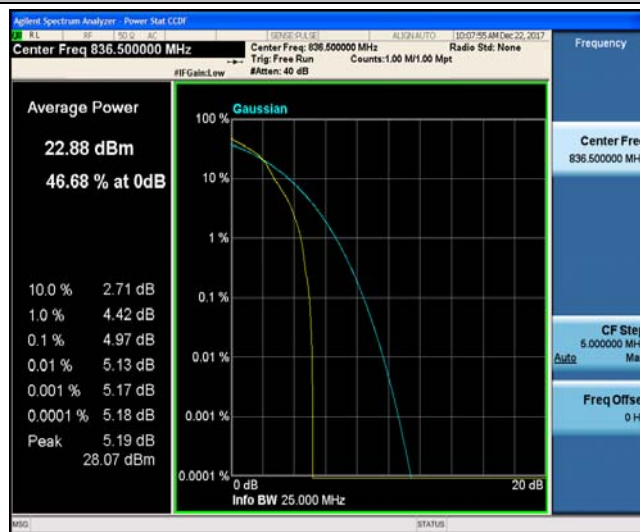
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Band5_5MHz_16QAM_20625_1RB#0



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Band5_10MHz_QPSK_20450_1RB#0



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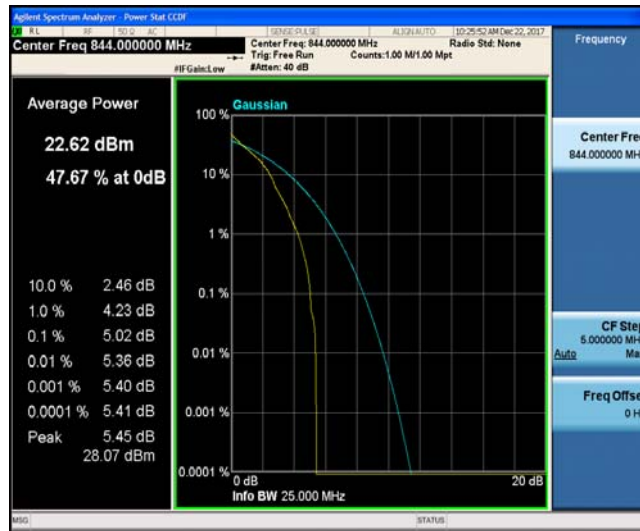
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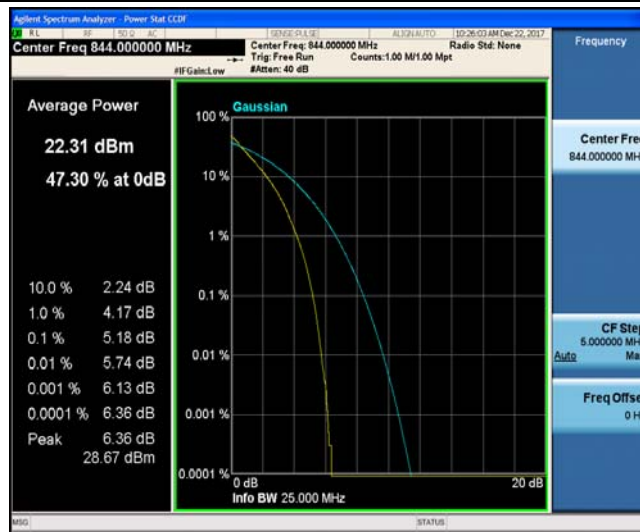
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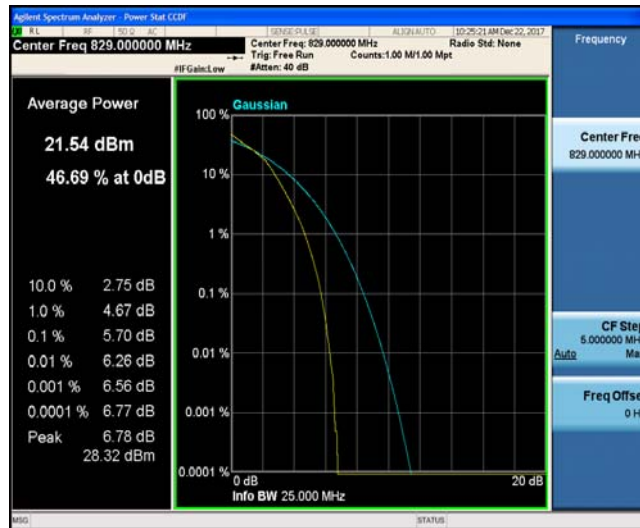
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Band5_10MHz_16QAM_20450_1RB#0



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Band5_10MHz_16QAM_20525_1RB#0



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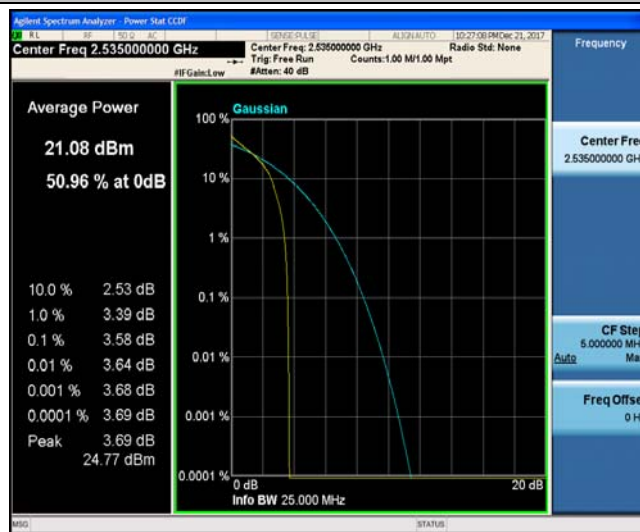
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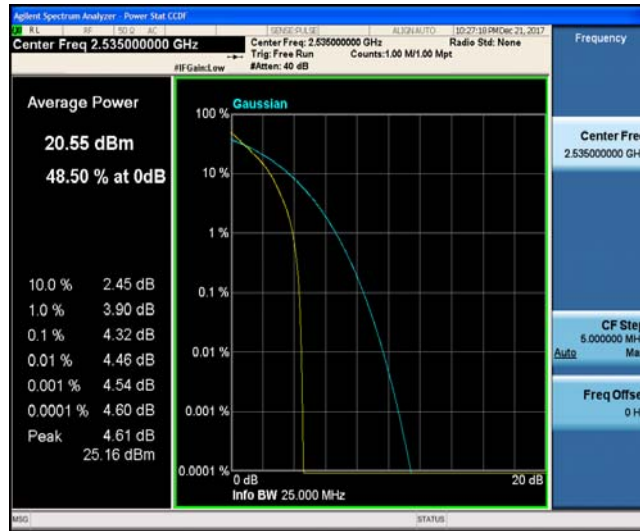
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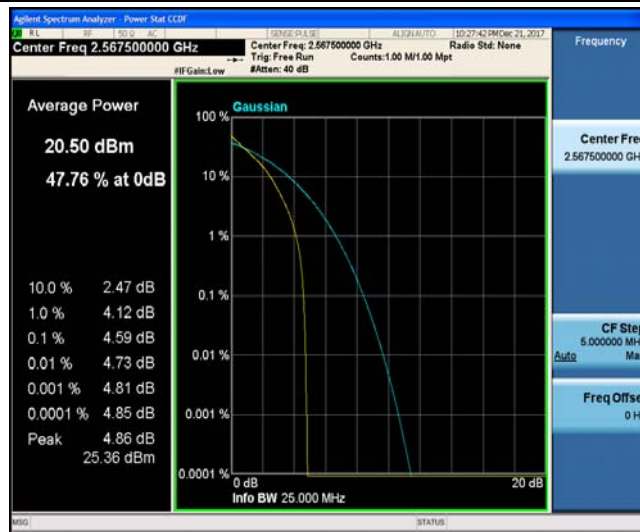
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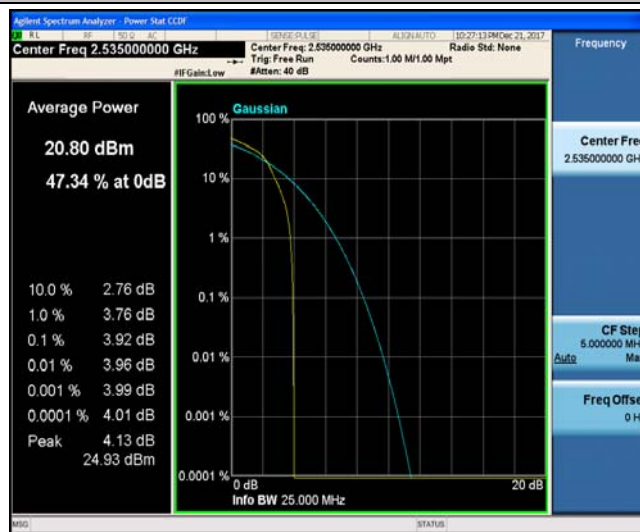
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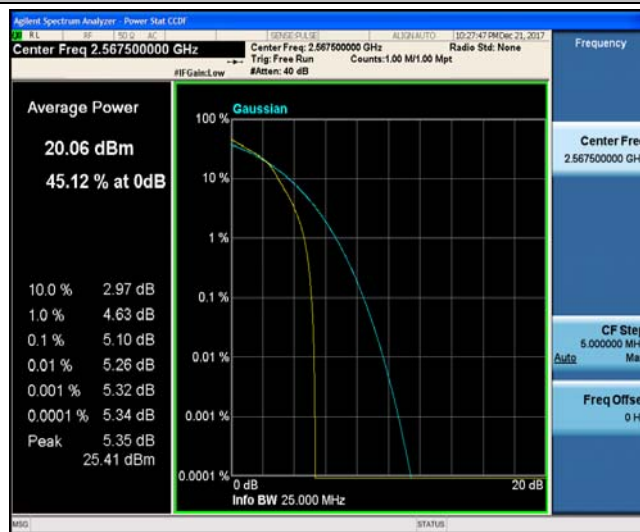
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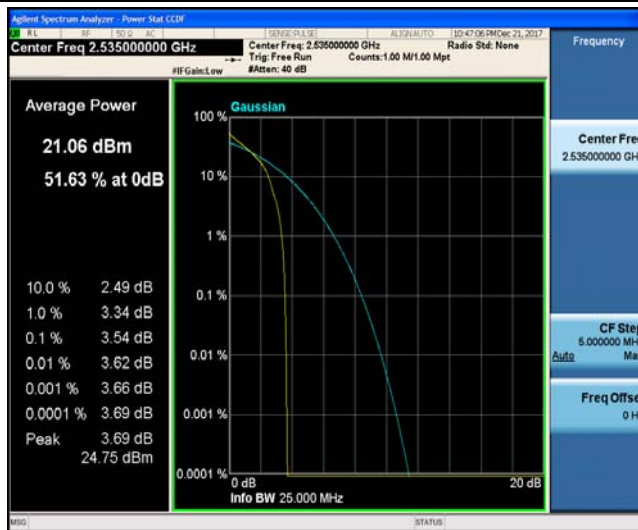
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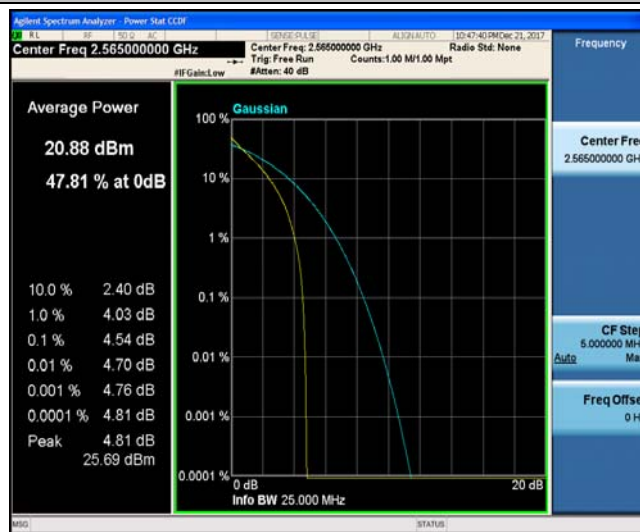
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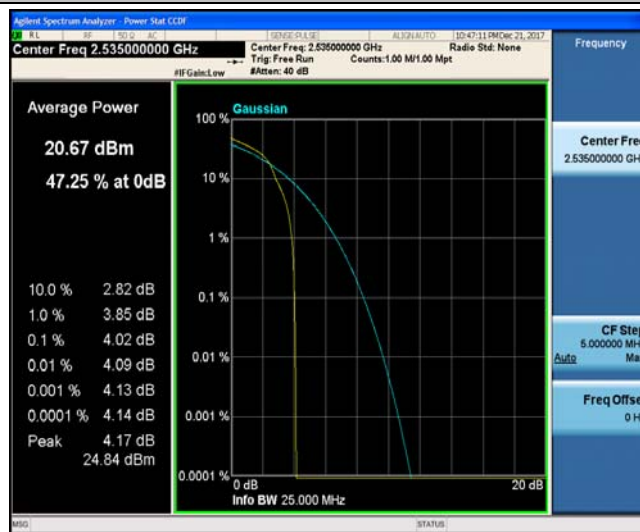
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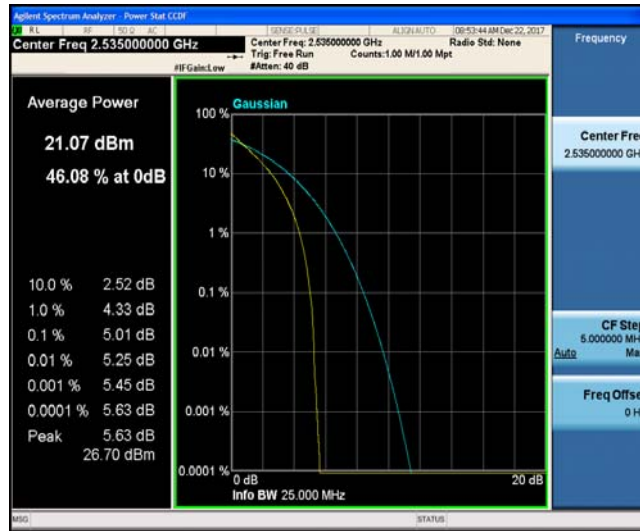
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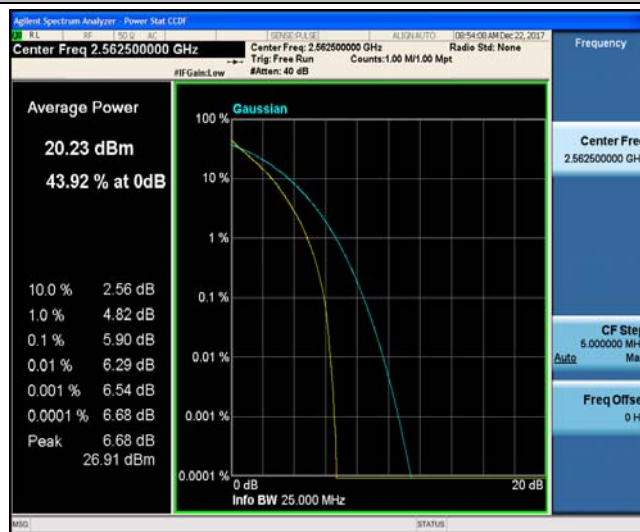
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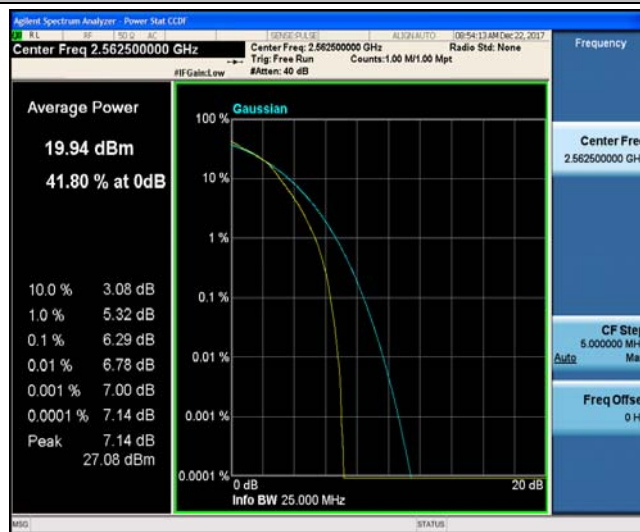
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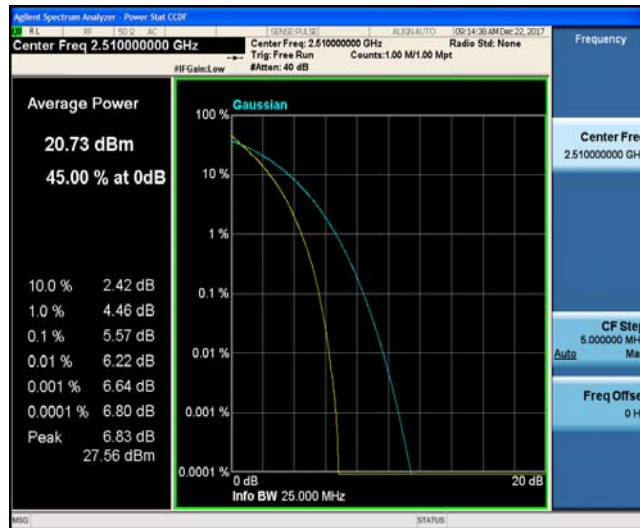
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Band7_20MHz_QPSK_20850_1RB#0



Band7_20MHz_QPSK_20850_100RB#0



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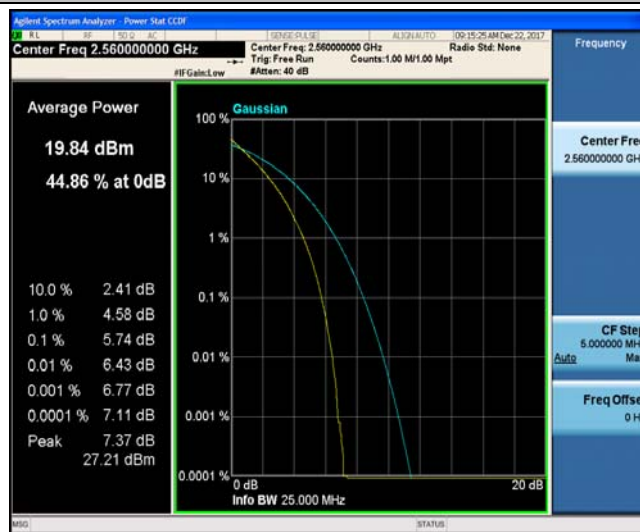
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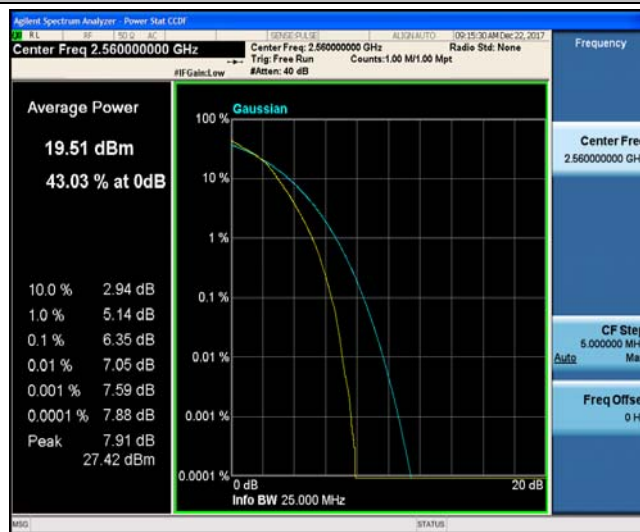
Band7_20MHz_16QAM_21100_100RB#0



Band7_20MHz_16QAM_21350_1RB#0



Band7_20MHz_16QAM_21350_100RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

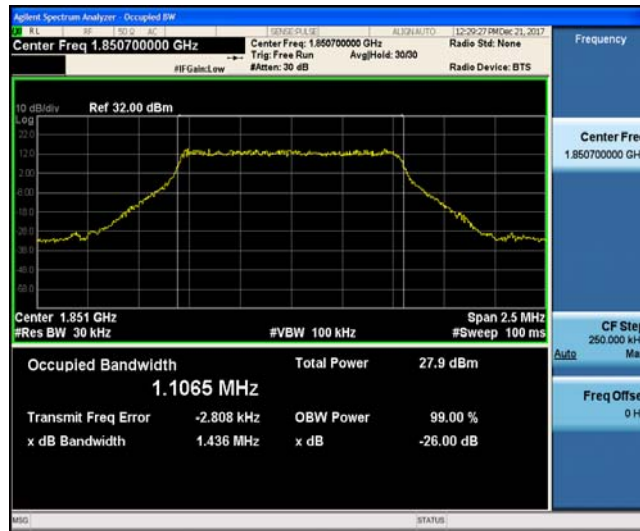
| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band2 | 1.4MHz | QPSK | 18607 | 6RB#0 | 1.1065 | 1.436 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 6RB#0 | 1.0964 | 1.424 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 6RB#0 | 1.1093 | 1.451 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | 1.1229 | 1.459 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | 1.1175 | 1.484 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | 1.1120 | 1.459 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 15RB#0 | 2.6809 | 3.021 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 15RB#0 | 2.6781 | 3.062 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 15RB#0 | 2.6799 | 2.999 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 15RB#0 | 2.6871 | 3.151 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0 | 2.6828 | 3.022 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0 | 2.6804 | 3.072 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 25RB#0 | 4.5120 | 5.358 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 25RB#0 | 4.5255 | 5.278 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 25RB#0 | 4.5454 | 5.387 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 25RB#0 | 4.5212 | 5.195 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 25RB#0 | 4.5321 | 5.435 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 25RB#0 | 4.5167 | 5.196 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 50RB#0 | 8.9510 | 9.938 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 50RB#0 | 8.9633 | 9.710 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 50RB#0 | 8.9754 | 9.925 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0 | 8.9813 | 10.02 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0 | 8.9582 | 9.985 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0 | 8.9828 | 10.05 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 75RB#0 | 13.488 | 15.15 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 75RB#0 | 13.512 | 15.97 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 75RB#0 | 13.510 | 15.14 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0 | 13.460 | 14.94 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0 | 13.500 | 15.03 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0 | 13.528 | 15.21 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 100RB#0 | 17.940 | 20.18 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 100RB#0 | 18.042 | 19.89 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 100RB#0 | 17.996 | 19.75 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 17.960 | 19.94 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 18.018 | 20.13 | PASS |

| | | | | | | | |
|-------|--------|-------|-------|---------|--------|-------|------|
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 18.005 | 19.79 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | 1.1103 | 1.440 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 1.1022 | 1.418 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | 1.1119 | 1.468 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 1.1258 | 1.456 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 1.1188 | 1.483 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 1.1138 | 1.526 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | 2.6828 | 3.018 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 2.6779 | 3.083 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | 2.6838 | 3.012 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 2.6844 | 3.171 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 2.6829 | 3.028 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 2.6833 | 3.118 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | 4.5197 | 5.313 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 25RB#0 | 4.5269 | 5.250 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | 4.5483 | 5.370 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 4.5251 | 5.229 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 4.5308 | 5.419 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | 4.5239 | 5.268 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | 8.9552 | 9.935 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 8.9604 | 9.773 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | 8.9717 | 9.975 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 8.9612 | 10.07 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 8.9577 | 9.921 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 8.9617 | 9.993 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | 13.508 | 15.10 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 13.529 | 15.85 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | 13.512 | 15.06 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | 13.478 | 15.16 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 13.508 | 15.16 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 13.510 | 15.40 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 17.895 | 19.99 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 17.979 | 19.66 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 17.910 | 19.59 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 17.917 | 19.71 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 17.927 | 19.75 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 17.960 | 19.76 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 1.0988 | 1.432 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 1.1113 | 1.429 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 1.1096 | 1.444 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 1.1166 | 1.477 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 1.1095 | 1.506 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | 1.1199 | 1.474 | PASS |

| | | | | | | | |
|-------|-------|-------|-------|---------|--------|-------|------|
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 2.6810 | 3.040 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 2.6808 | 3.043 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 2.6780 | 3.014 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 2.6805 | 3.047 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 2.6810 | 3.047 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 2.6825 | 3.065 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 4.5158 | 5.363 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 4.5271 | 5.362 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 4.5435 | 5.393 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | 4.5145 | 5.203 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 4.5363 | 5.632 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | 4.5181 | 5.222 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 8.9480 | 9.856 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 8.9680 | 9.763 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 8.9702 | 9.980 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 8.9769 | 9.903 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 8.9690 | 9.965 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 8.9642 | 10.05 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 4.5198 | 5.381 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 4.5261 | 5.355 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 4.5484 | 5.356 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 4.5219 | 5.219 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 4.5333 | 5.619 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 4.5200 | 5.236 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 8.9515 | 9.986 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 8.9610 | 9.774 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 8.9615 | 9.835 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 8.9667 | 10.05 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 8.9569 | 10.05 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 8.9589 | 9.983 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 13.511 | 14.98 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 13.510 | 15.61 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 13.481 | 15.07 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 13.488 | 15.15 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 13.510 | 15.06 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 13.512 | 15.23 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 17.955 | 20.21 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 17.957 | 19.85 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 17.939 | 19.59 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 17.941 | 19.90 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 17.954 | 19.82 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 17.983 | 19.72 | PASS |

Test Graphs

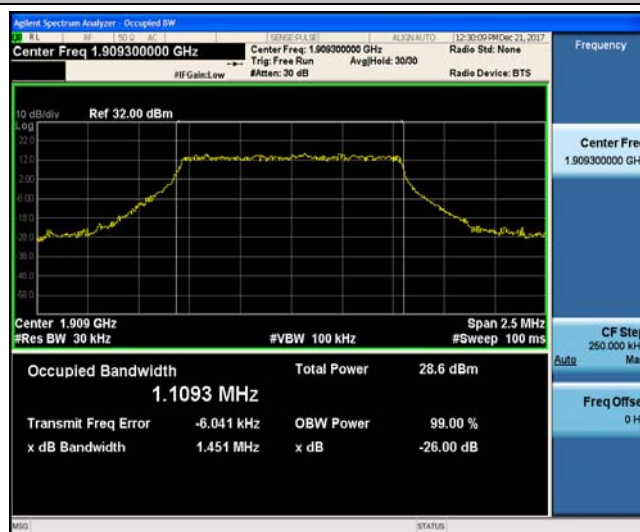
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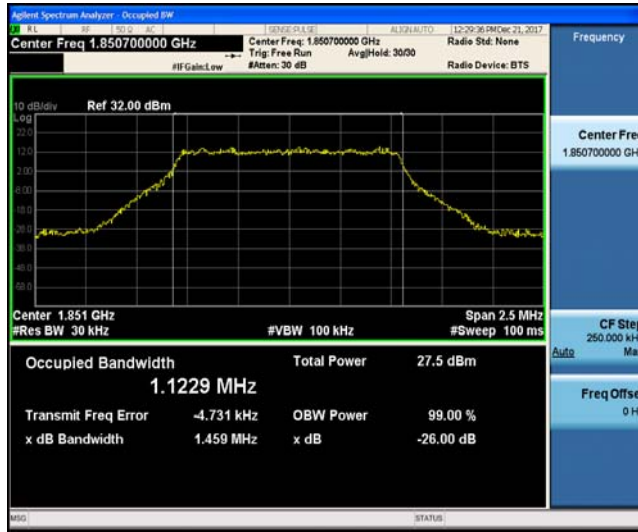
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Band2_1.4MHz_QPSK_19193_6RB#0



Band2_1.4MHz_16QAM_18607_6RB#0



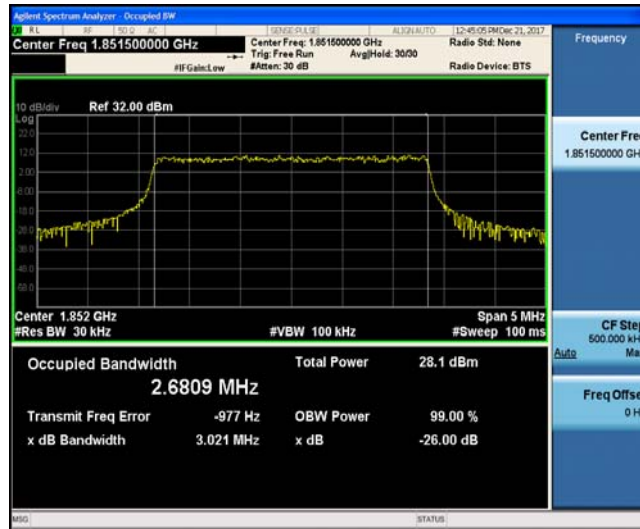
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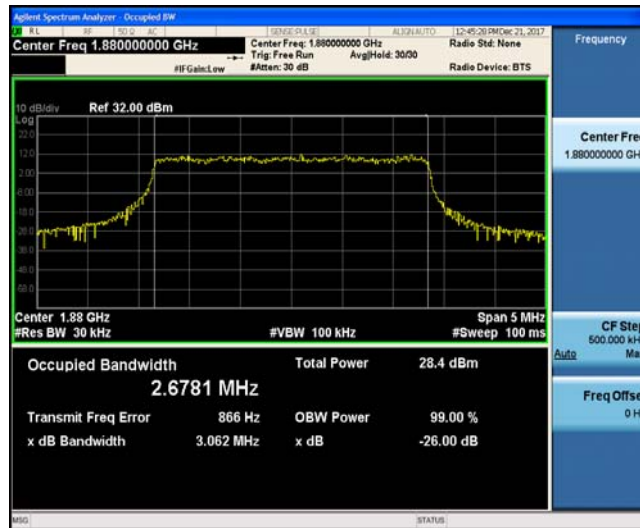
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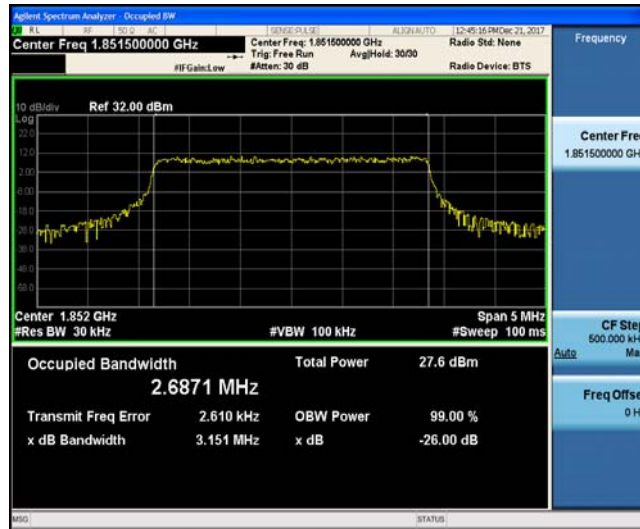
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Band2_3MHz_QPSK_19185_15RB#0



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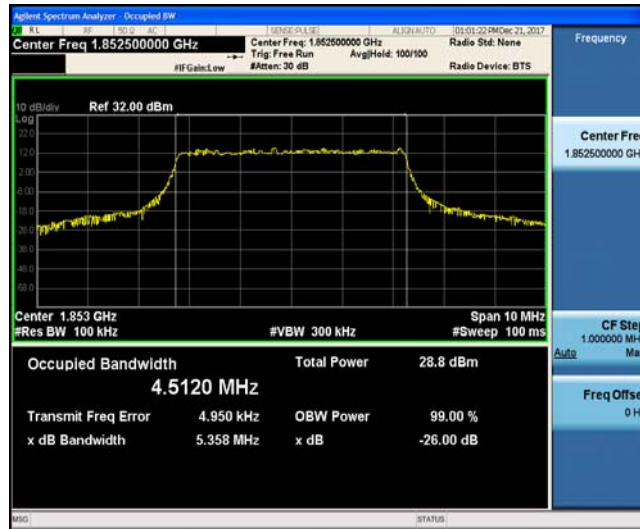
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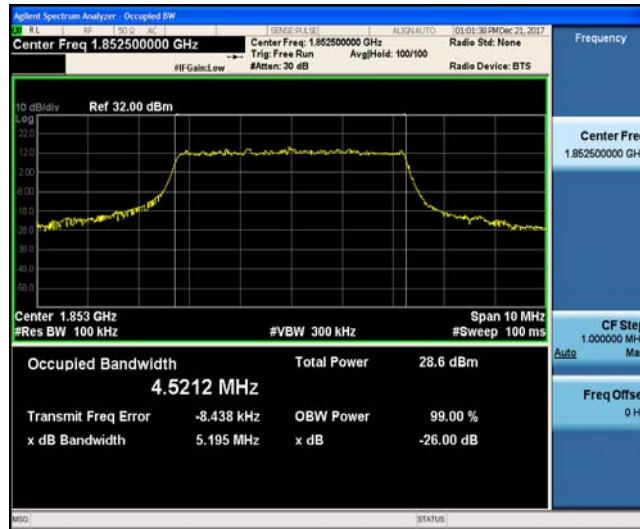
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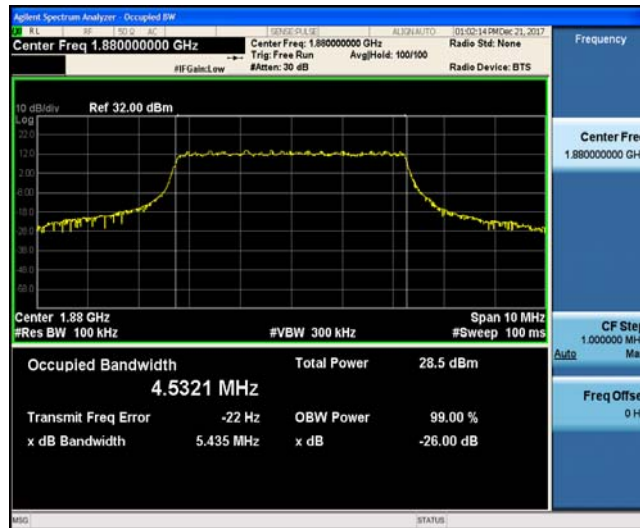
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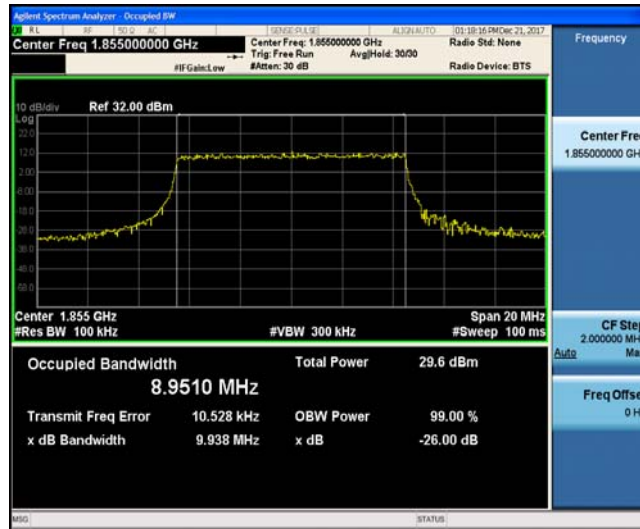
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Band2_5MHz_16QAM_19175_25RB#0



Band2_10MHz_QPSK_18650_50RB#0



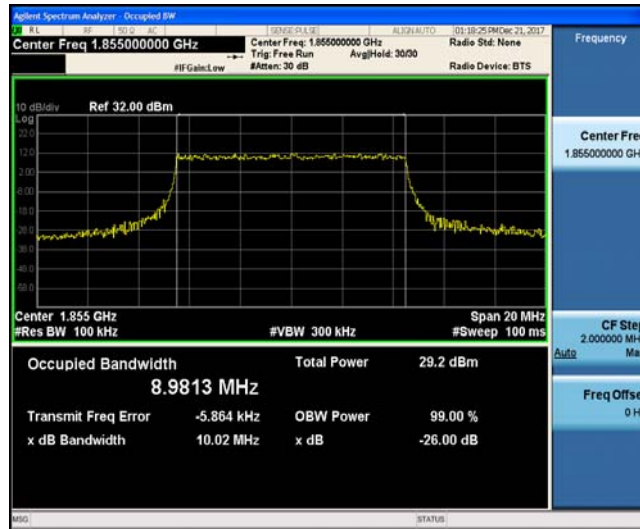
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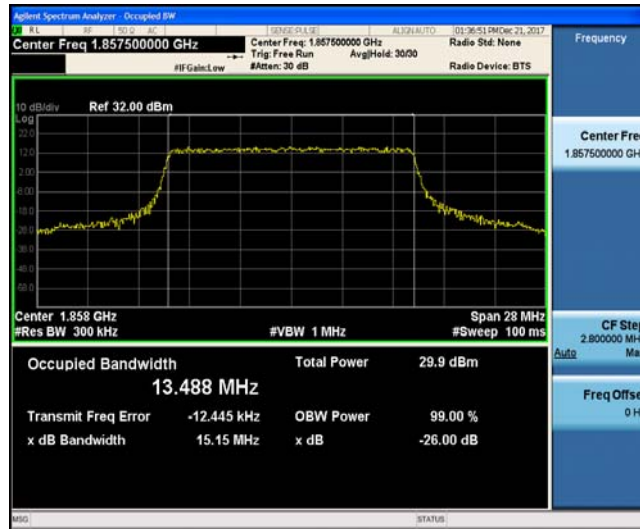
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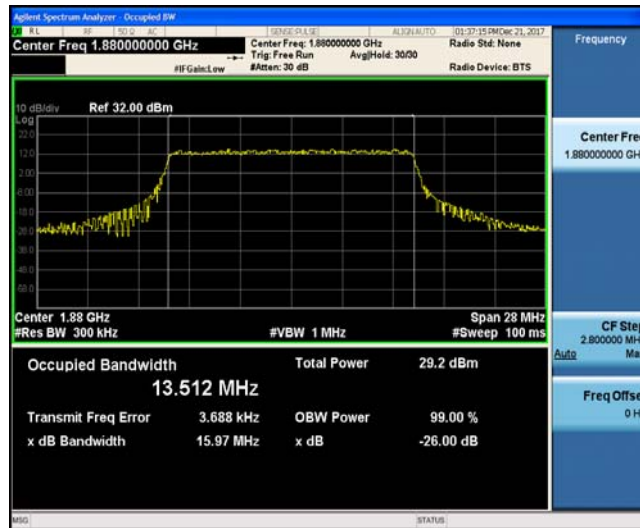
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Band2_15MHz_QPSK_18675_75RB#0



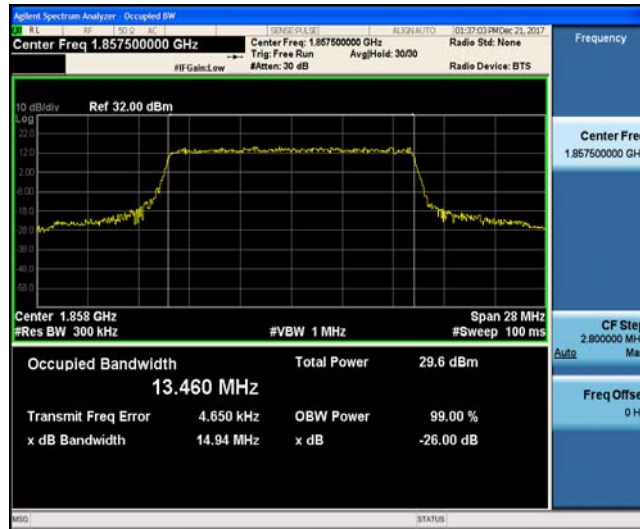
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Band2_15MHz_QPSK_19125_75RB#0



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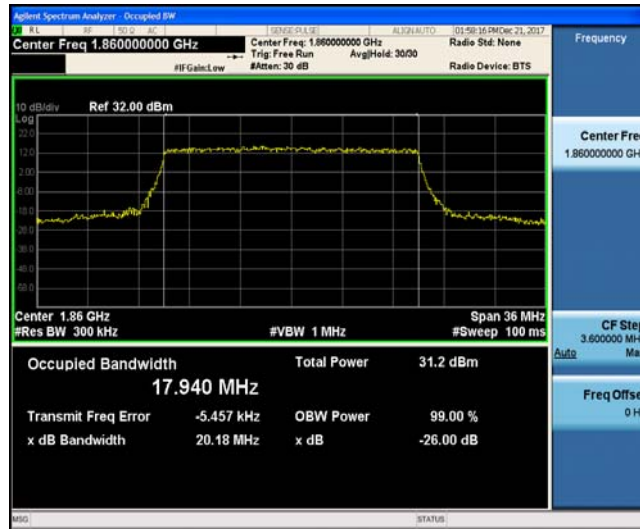
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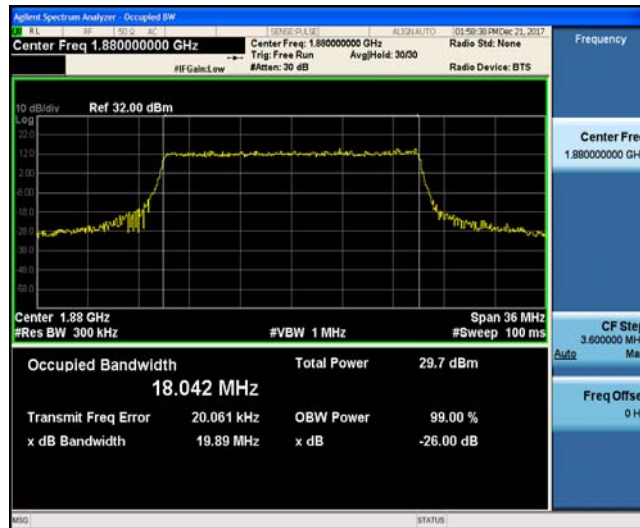
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Band2_20MHz_QPSK_18700_100RB#0



Band2_20MHz_QPSK_18900_100RB#0



Band2_20MHz_QPSK_19100_100RB#0

