



## Appendix G: Test Data for E-UTRA Band 12

Product Name: 4G PHONE

Test Model: MiniVision2

### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.5° C   |
| Relative Humidity: | 52.2%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Ling Zhu  |
| Supervised by:     | Li Huan   |



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

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 22.59       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#2            | 22.74       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | 22.73       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#0            | 22.56       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#1            | 22.47       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#3            | 22.62       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 22.43       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 23.02       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#2            | 23.00       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#5            | 23.01       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#0            | 23.04       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#1            | 22.99       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#3            | 22.90       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 22.87       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 23.51       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#2            | 23.31       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | 23.43       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#0            | 23.37       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#1            | 23.36       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#3            | 23.35       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 22.50       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 21.37       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#2            | 21.55       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#5            | 21.68       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#0            | 21.30       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#1            | 21.23       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#3            | 21.34       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 21.40       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 21.97       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#2            | 22.00       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#5            | 22.15       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#0            | 21.80       | PASS    |



|        |        |       |       |        |       |      |
|--------|--------|-------|-------|--------|-------|------|
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#1  | 21.73 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#3  | 21.69 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0  | 21.86 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0  | 22.43 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#2  | 22.55 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5  | 22.19 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#0  | 22.29 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1  | 22.15 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3  | 22.44 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 21.39 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 22.07 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#8  | 22.91 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 22.87 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#0  | 22.09 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#4  | 22.11 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#7  | 22.11 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 21.99 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 23.05 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#8  | 23.02 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 22.96 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#0  | 22.16 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#4  | 22.08 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#7  | 22.04 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 22.22 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 23.27 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#8  | 22.92 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#14 | 22.84 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#0  | 22.06 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#4  | 21.95 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#7  | 22.09 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | 22.05 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#0  | 21.92 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#8  | 22.42 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#14 | 21.93 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#0  | 21.00 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#4  | 21.24 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#7  | 20.94 | PASS |



|        |      |       |       |         |       |      |
|--------|------|-------|-------|---------|-------|------|
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0  | 20.75 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0   | 21.80 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#8   | 21.96 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14  | 21.78 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#0   | 21.17 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#4   | 20.99 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#7   | 21.06 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0  | 20.95 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0   | 22.05 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#8   | 21.75 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14  | 21.93 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#0   | 20.86 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#4   | 21.36 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#7   | 20.95 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0  | 20.93 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0   | 22.89 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#12  | 23.06 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24  | 22.94 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#0  | 22.05 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#6  | 22.18 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#13 | 22.11 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0  | 22.20 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0   | 23.14 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#12  | 23.50 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#24  | 23.29 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#0  | 22.50 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#6  | 23.07 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#13 | 22.41 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0  | 23.11 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0   | 23.31 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#12  | 23.31 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#24  | 23.25 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#0  | 22.42 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#6  | 22.41 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#13 | 22.30 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0  | 22.15 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0   | 21.80 | PASS |



|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#12  | 21.95 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#24  | 21.97 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#0  | 21.11 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#6  | 21.15 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#13 | 21.07 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0  | 21.43 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#0   | 22.16 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#12  | 22.40 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#24  | 22.45 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#0  | 21.52 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#6  | 21.51 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#13 | 21.46 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0  | 21.46 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0   | 22.17 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#12  | 22.32 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24  | 22.28 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#0  | 21.44 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#6  | 21.41 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#13 | 21.14 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0  | 21.25 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0   | 21.82 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#24  | 22.94 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49  | 22.30 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#0  | 22.35 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#12 | 22.30 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#25 | 22.52 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0  | 22.34 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0   | 22.03 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#24  | 23.11 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49  | 23.04 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#0  | 22.54 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#12 | 22.50 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#25 | 23.00 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0  | 22.70 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0   | 21.92 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#24  | 23.62 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49  | 22.82 | PASS |



|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band12 | 10MHz | QPSK  | 23130 | 25RB#0  | 22.73 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#12 | 22.70 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#25 | 22.27 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0  | 22.60 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0   | 20.75 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24  | 21.91 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49  | 21.32 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0  | 21.30 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 21.26 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 21.47 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0  | 21.63 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0   | 21.02 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24  | 22.11 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49  | 22.05 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0  | 21.49 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 21.46 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 21.86 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0  | 21.68 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0   | 20.82 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24  | 22.47 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49  | 21.68 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0  | 21.73 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 21.43 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 21.32 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0  | 21.42 | PASS |



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

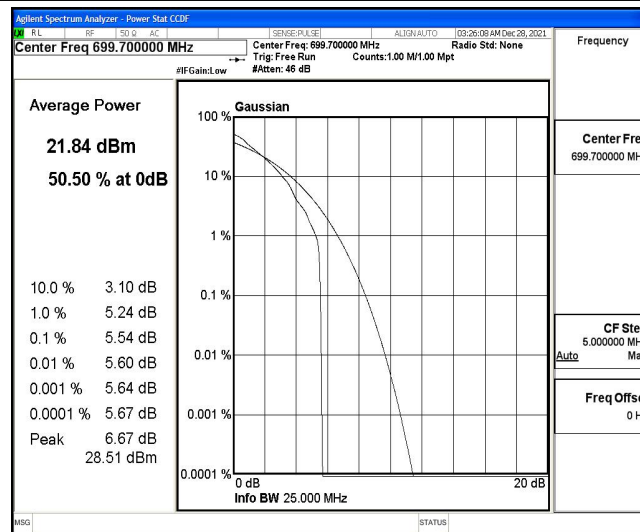
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 5.54       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 5.26       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 5.65       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 5.41       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 3.90       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 4.69       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 5.96       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 6.22       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 6.87       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 6.34       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 4.76       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | 5.57       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 4.68       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | 5.42       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 1RB#0            | 4.90       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | 5.55       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | 4.34       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | 4.89       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | 6.01       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | 6.18       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 1RB#0            | 6.56       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | 6.39       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#0            | 4.91       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | 5.71       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | 5.49       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | 5.33       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 1RB#0            | 5.47       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 25RB#0           | 5.46       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | 4.58       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | 4.85       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#0            | 6.40       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | 6.17       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 1RB#0            | 6.27       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 25RB#0           | 6.29       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#0            | 5.51       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | 5.71       | 13        | PASS    |

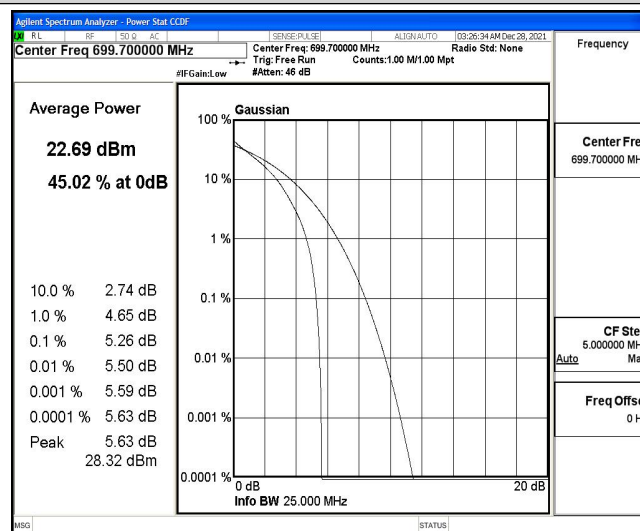


## Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0

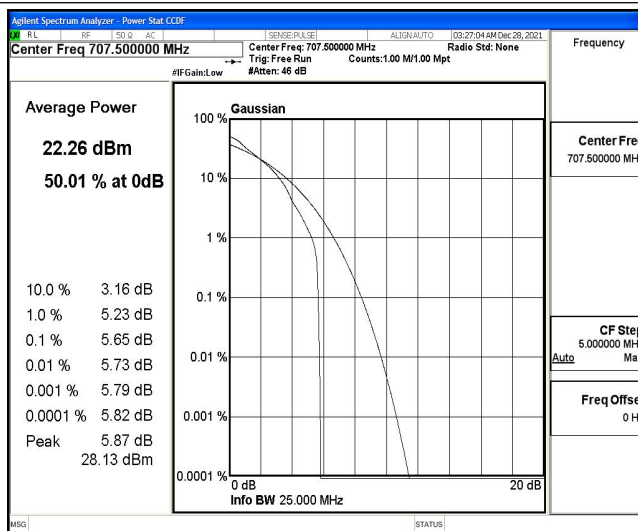


Band12-1.4MHz-QPSK-23017-6RB#0

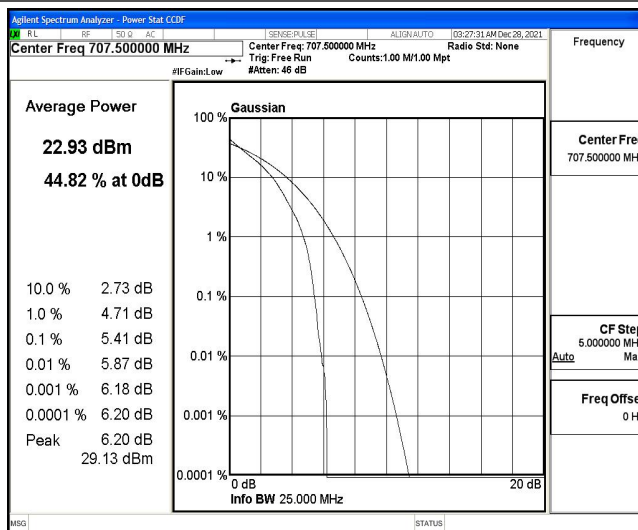


Band12-1.4MHz-QPSK-23095-1RB#0

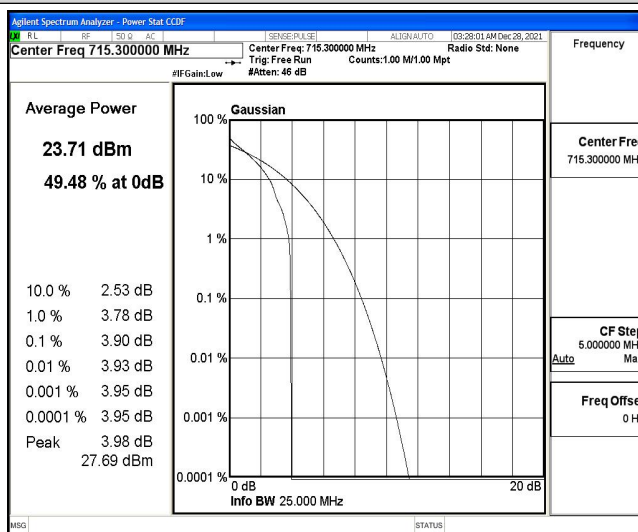




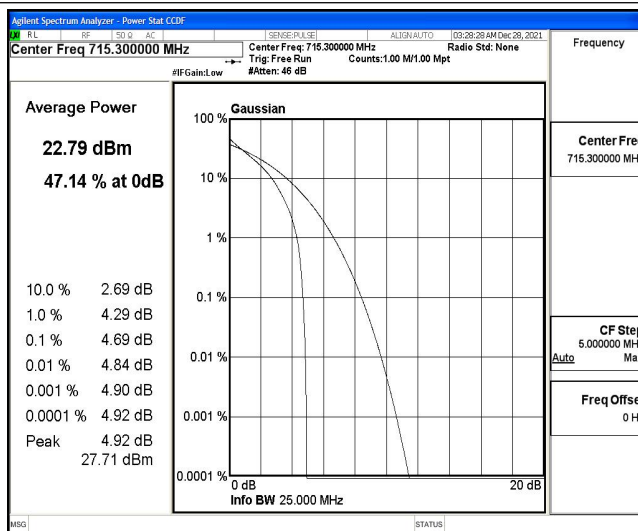
Band12-1.4MHz-QPSK-23095-6RB#0



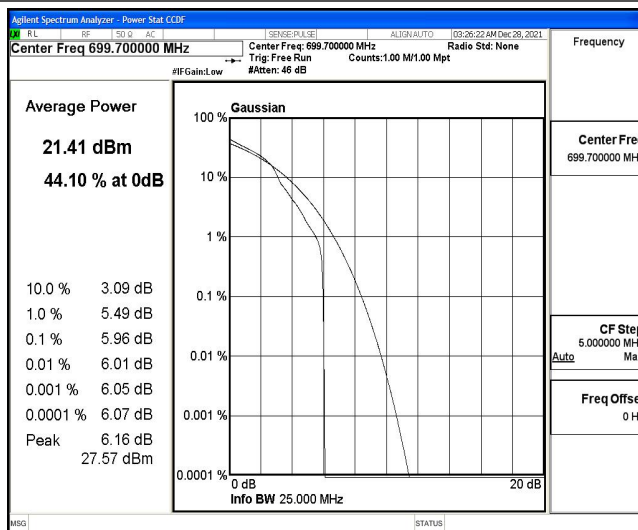
Band12-1.4MHz-QPSK-23173-1RB#0



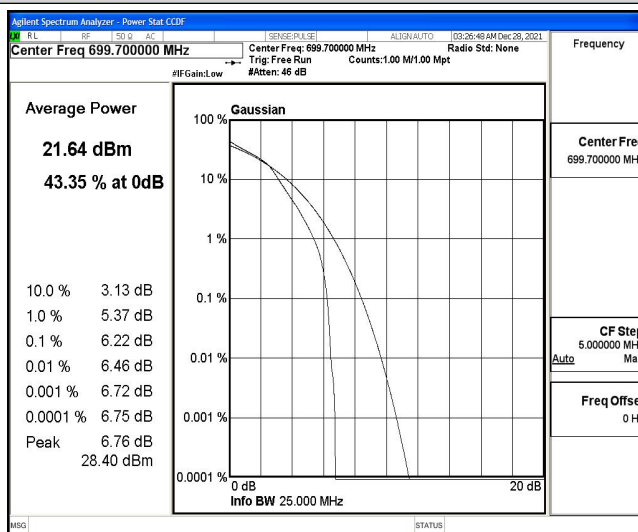
Band12-1.4MHz-QPSK-23173-6RB#0



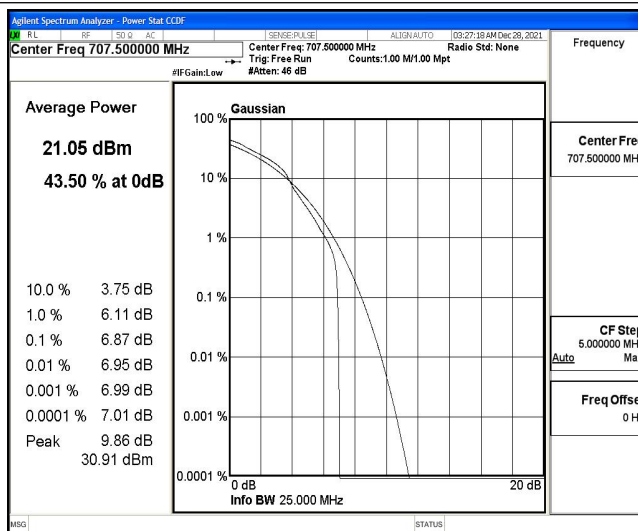
Band12-1.4MHz-16QAM-23017-1RB#0



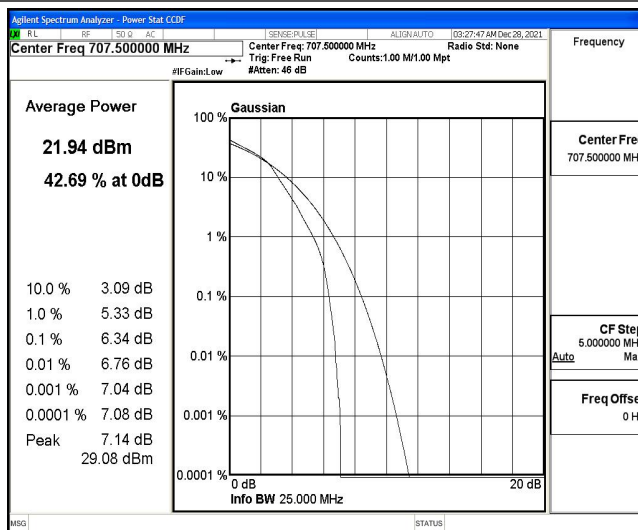
Band12-1.4MHz-16QAM-23017-6RB#0



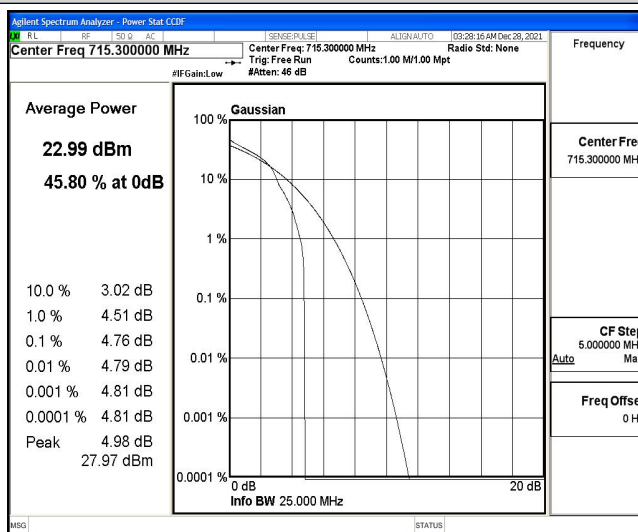
Band12-1.4MHz-16QAM-23095-1RB#0



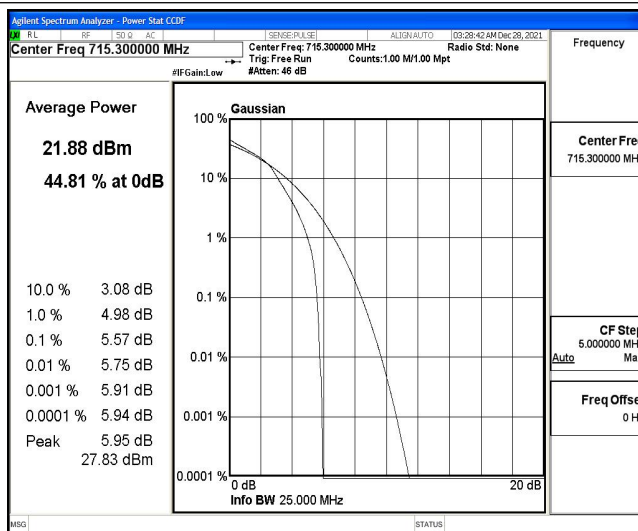
Band12-1.4MHz-16QAM-23095-6RB#0



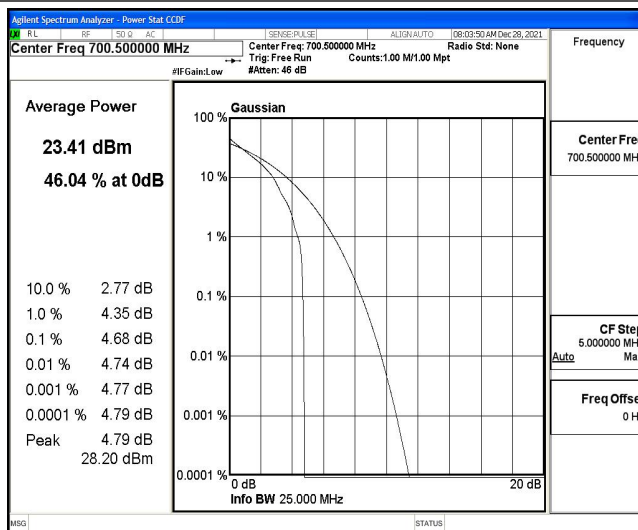
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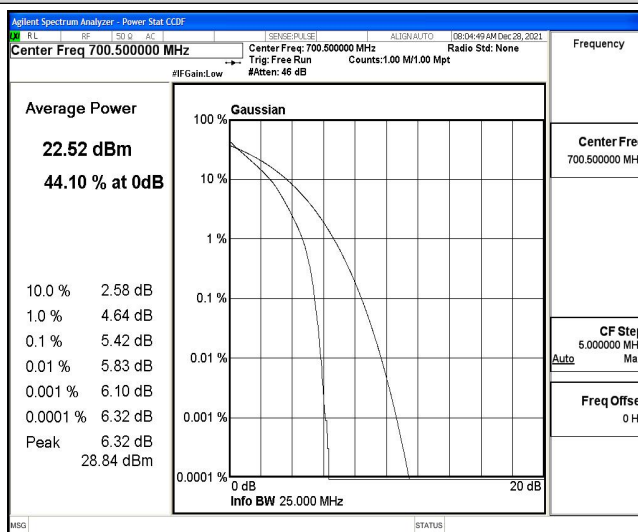
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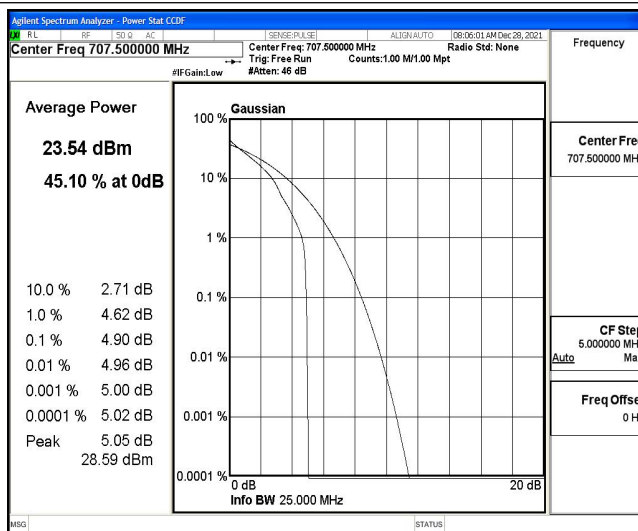
Band12-3MHz-QPSK-23025-1RB#0



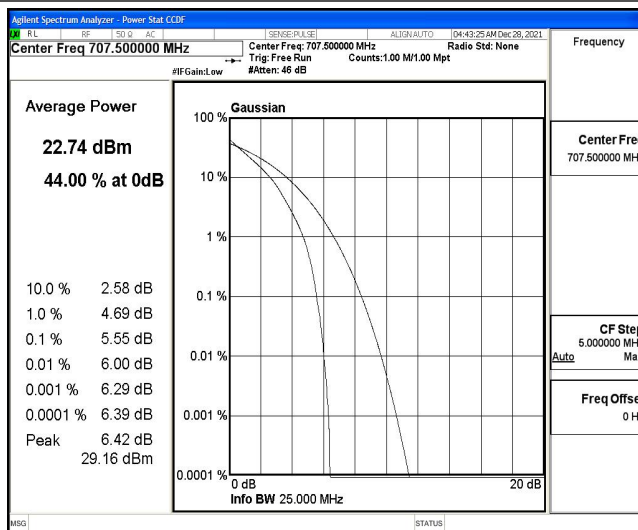
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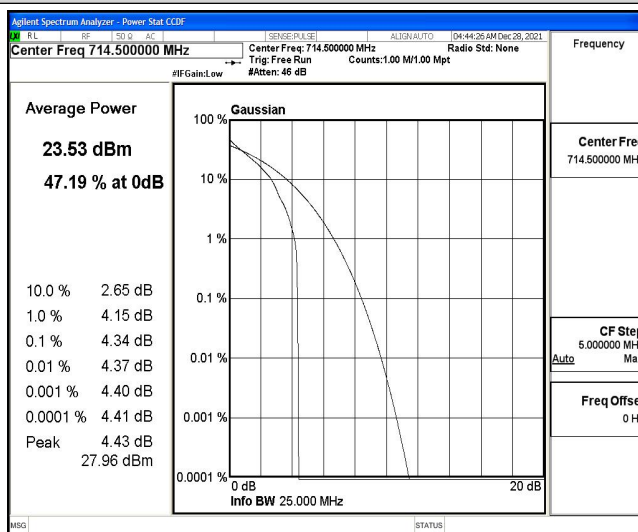
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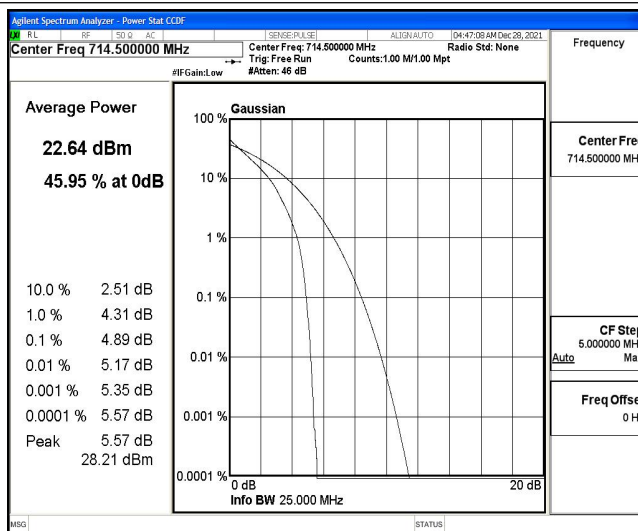
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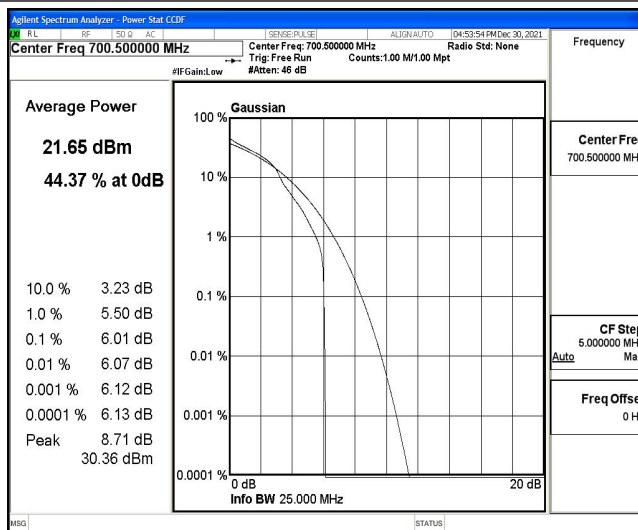
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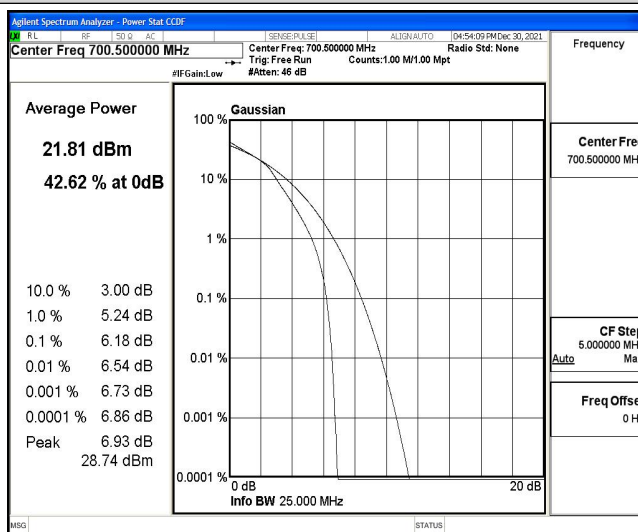
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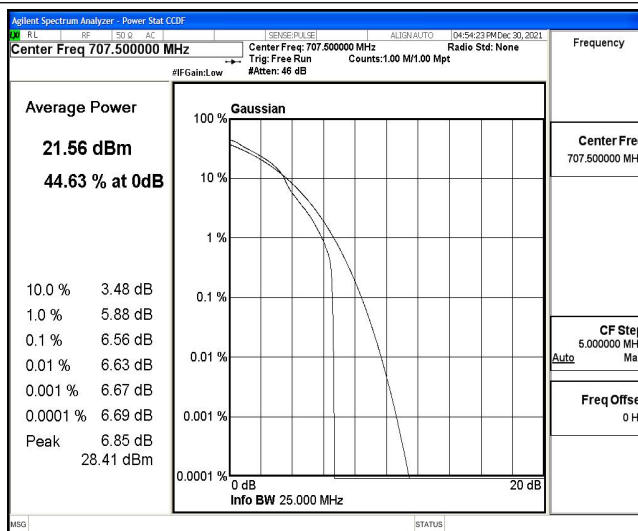
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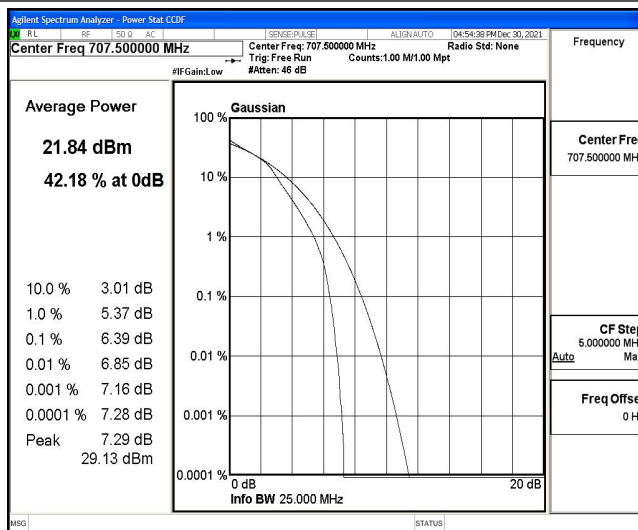
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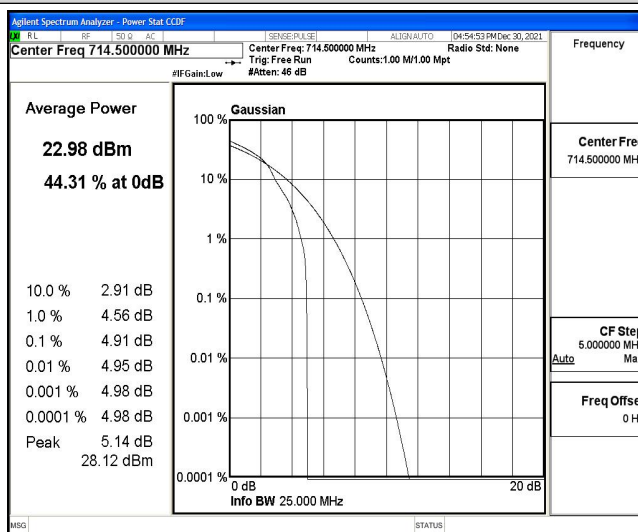
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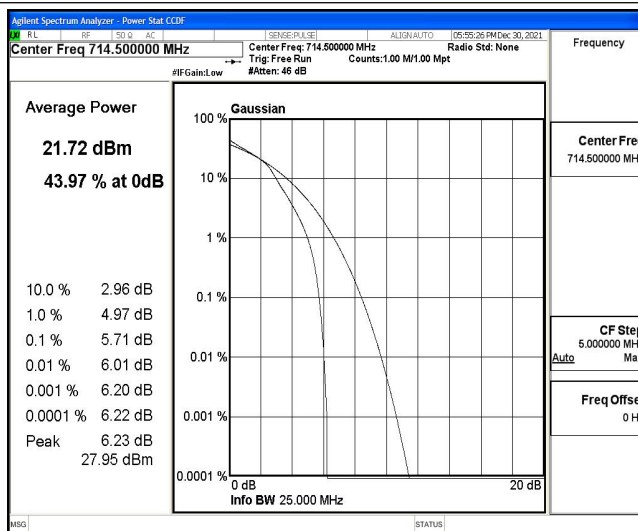
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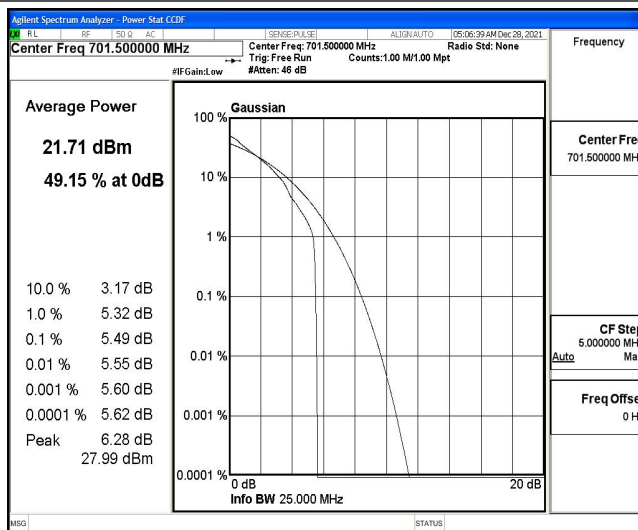
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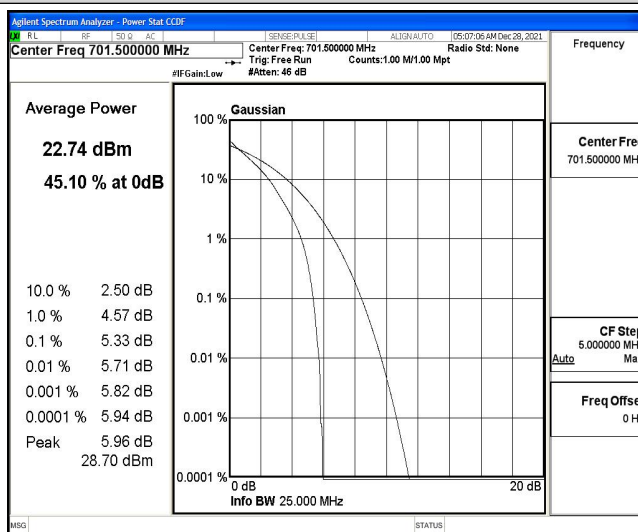
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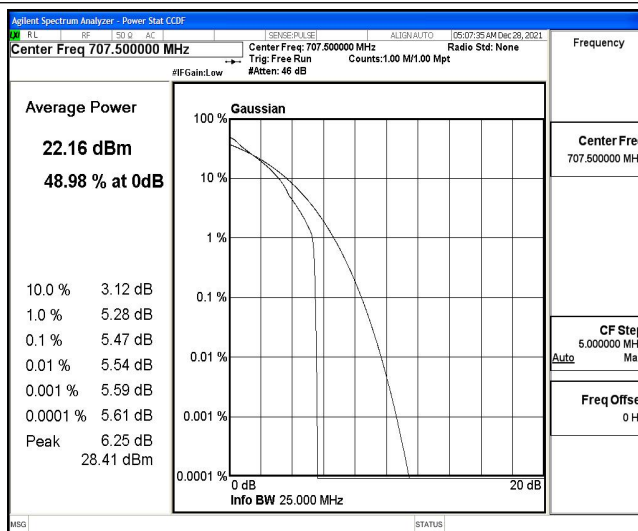


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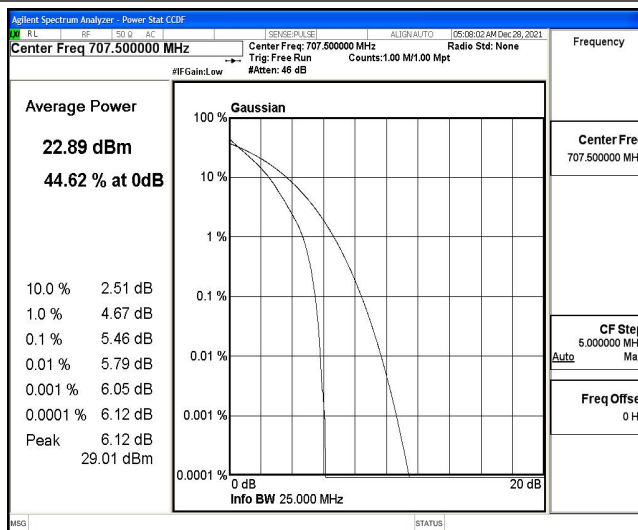


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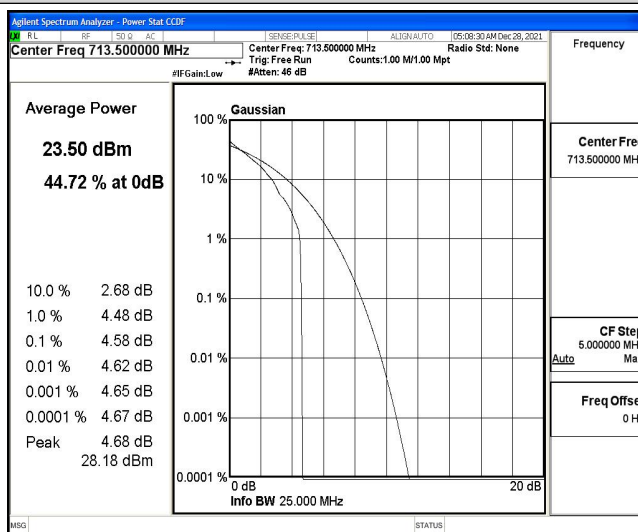




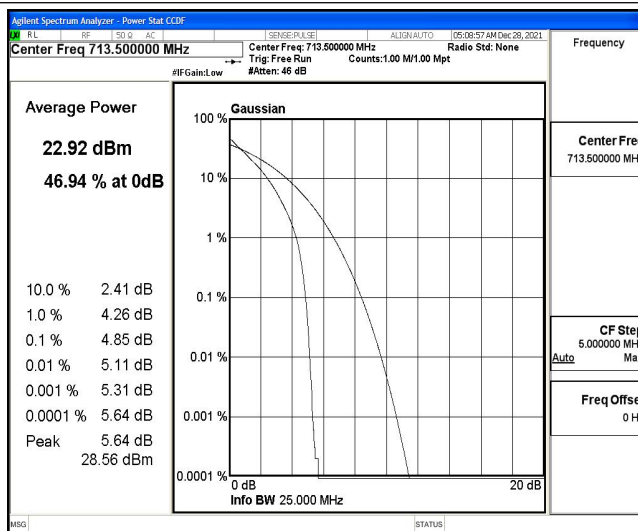
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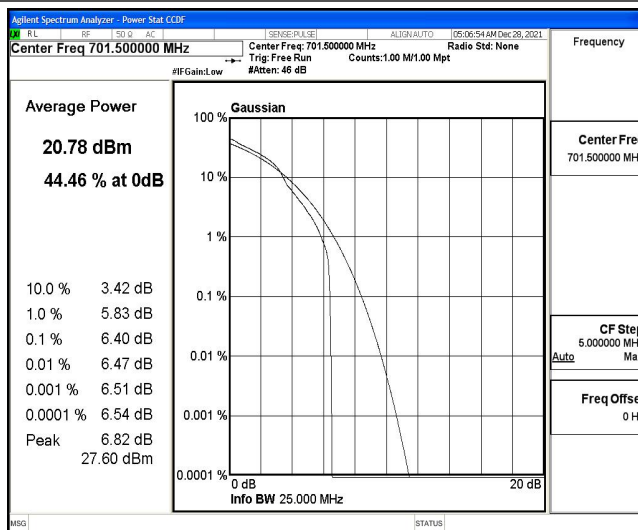
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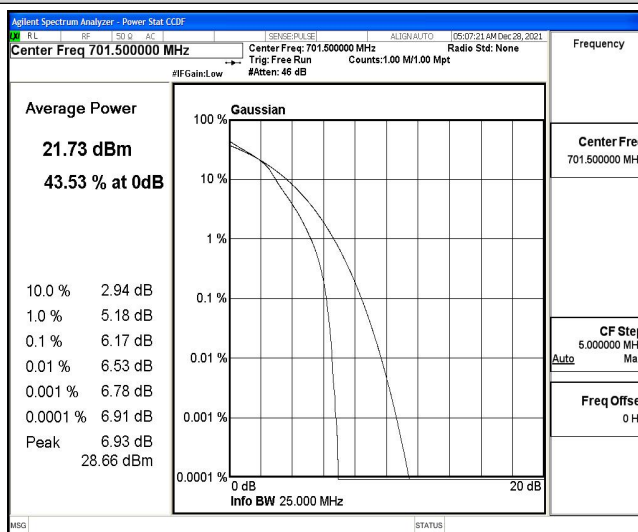
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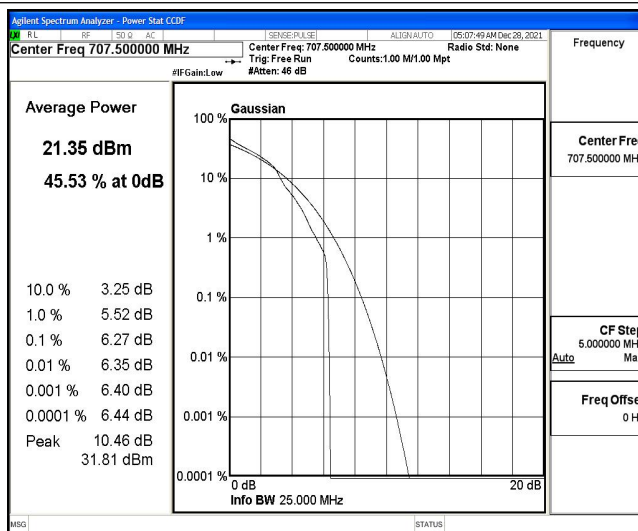
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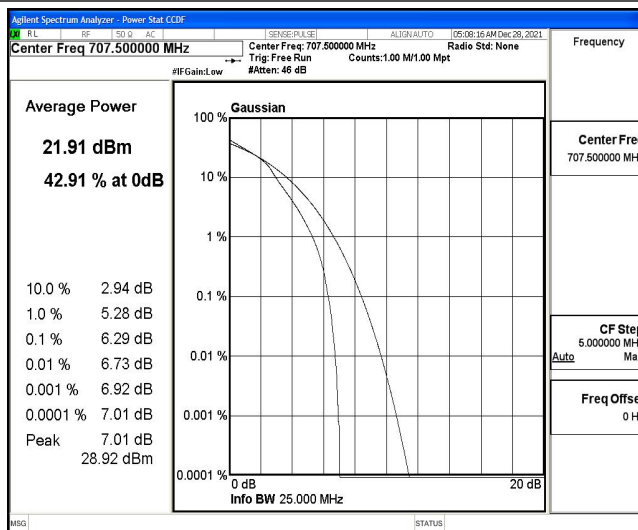
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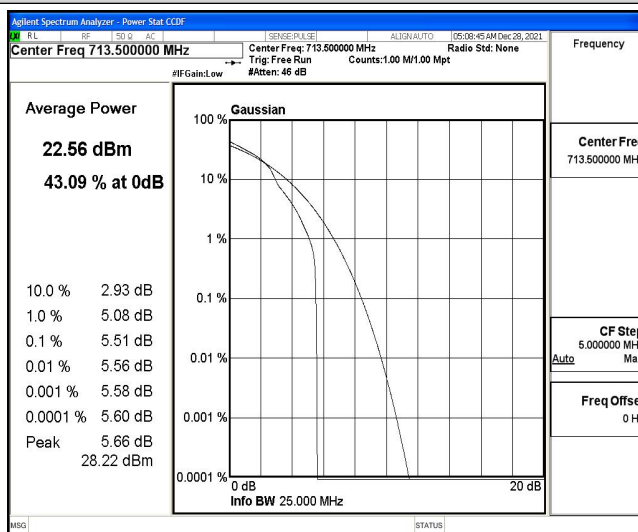
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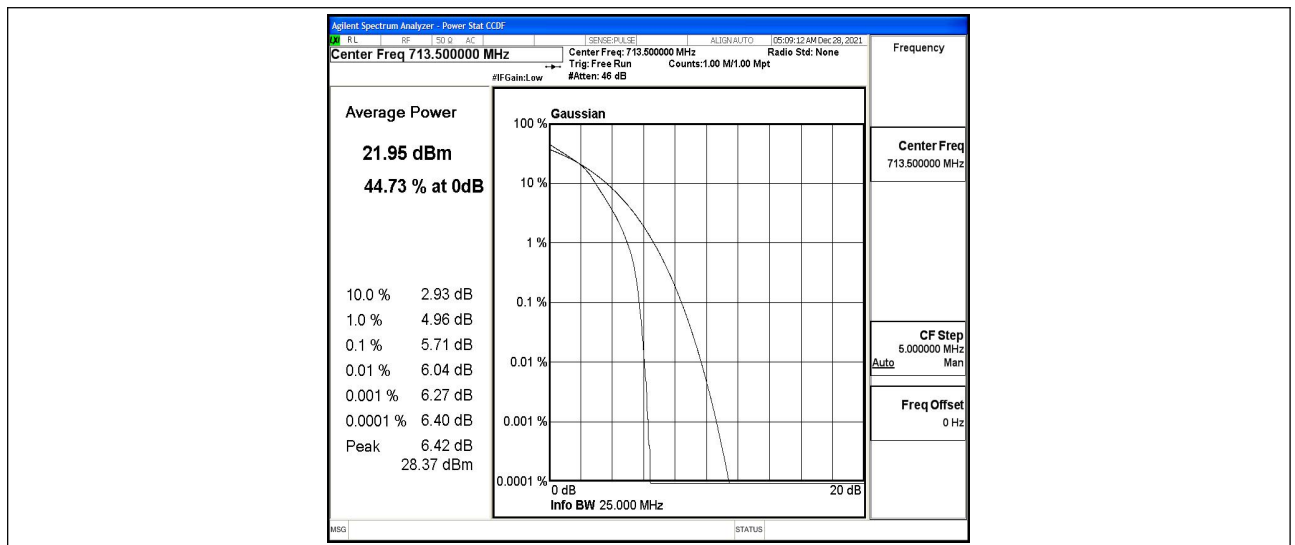
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Band12-5MHz-16QAM-23155-1RB#0



Band12-5MHz-16QAM-23155-25RB#0





## G.3 26dB Bandwidth and Occupied Bandwidth

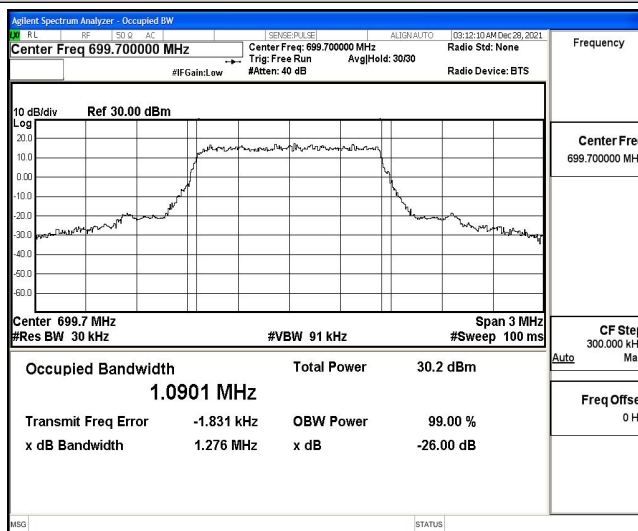
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 1.0901                   | 1.276                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 1.0919                   | 1.271                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 1.0916                   | 1.275                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 1.0945                   | 1.287                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 1.0906                   | 1.277                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | 1.0978                   | 1.277                | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | 2.6939                   | 2.960                | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | 2.6988                   | 2.957                | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | 2.6984                   | 2.952                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | 2.6947                   | 2.956                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | 2.6971                   | 2.975                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | 2.6894                   | 2.956                | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | 4.5156                   | 5.010                | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 25RB#0           | 4.5056                   | 5.006                | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | 4.4987                   | 4.969                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | 4.5052                   | 4.976                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 25RB#0           | 4.5174                   | 5.024                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | 4.5029                   | 5.016                | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | 8.9741                   | 9.888                | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 50RB#0           | 8.9806                   | 9.953                | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 50RB#0           | 8.9457                   | 9.894                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 50RB#0           | 8.9577                   | 9.836                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23095   | 50RB#0           | 8.9851                   | 9.890                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 50RB#0           | 8.9440                   | 9.726                | PASS    |

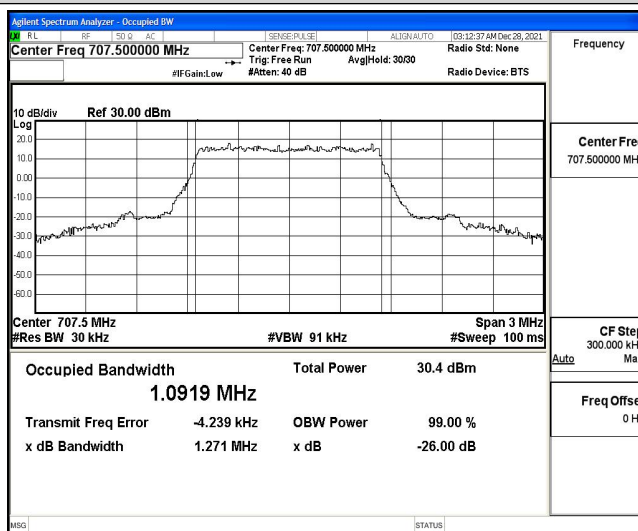


## Test Graphs

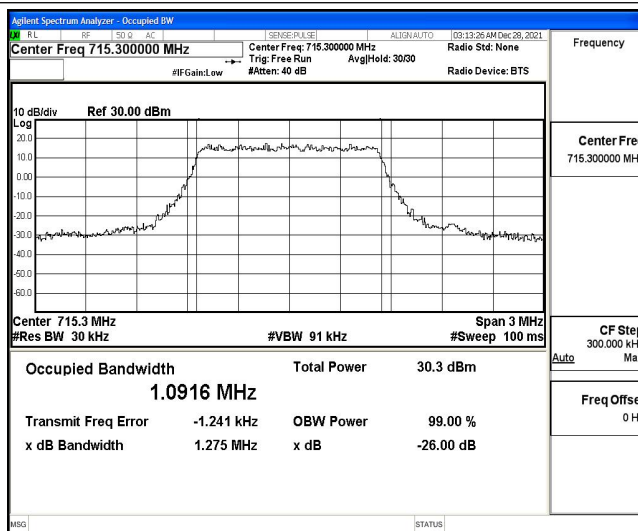
Band12-1.4MHz-QPSK-23017-6RB#0



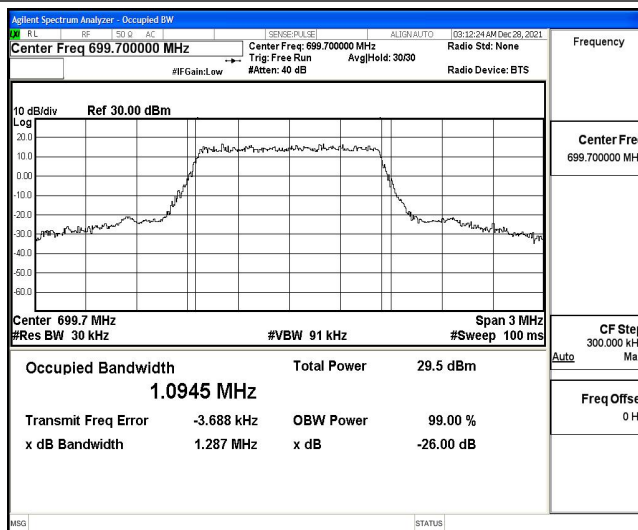
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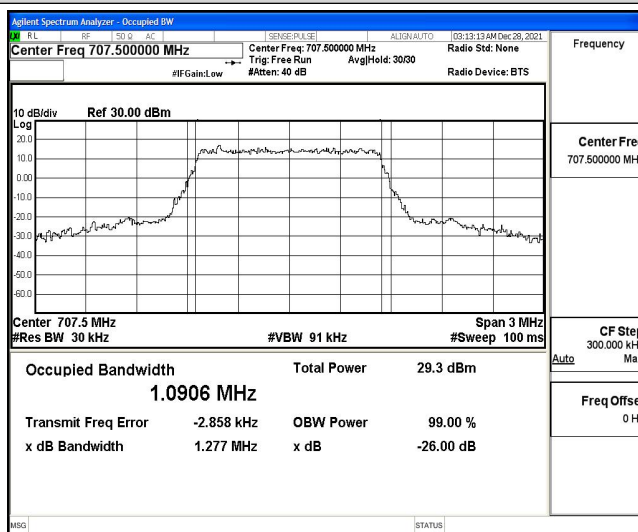
Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-6RB#0



Band12-1.4MHz-16QAM-23173-6RB#0