

# LTE Test Data

| General Description of EUT  |                            |
|---|----------------------------|
| <b>Product Name:</b>  | Smart POS Payment Terminal |
| <b>Test Model:</b>  | CM30                       |
| <b>Sample ID:</b>   | 202311-0170-7-2#           |
| Environmental Conditions  |                            |
| <b>Temperature:</b>   | 25°C                       |
| <b>Relative Humidity:</b>   | 55%                        |
| <b>Test Voltage:</b>  | DC 24V                     |
| <b>Test Engineer:</b>   | Yan zhen ming              |
| Note: For a more detailed features description, please refer to the report <b>TBR-C-202311-0170-86</b> .<br>The report only show the worst case data. |                            |

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# 1. Conducted Power Output Data

## Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 22.92       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 21.79       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 22.99       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 21.97       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 22.86       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 21.86       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 23.11       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0            | 21.85       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1            | 23.08       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1            | 21.78       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 23.09       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3            | 21.89       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 21.87       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 20.91       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 22.92       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 21.68       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 23.04       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2            | 21.79       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 22.86       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#5            | 21.64       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 22.96       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#0            | 21.77       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1            | 22.95       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#1            | 21.76       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 23.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#3            | 21.73       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 21.84       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 20.63       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 22.90       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 21.61       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 23.05       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#2            | 21.80       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 22.92       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | 21.63       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 23.12       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 3RB#0            | 21.81       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#1            | 23.13       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 3RB#1            | 21.81       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3            | 23.07       | PASS    |

|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 21.79 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | 21.84 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 20.78 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 23.06 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 22.00 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 22.94 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#8  | 22.04 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 23.03 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#14 | 22.04 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 21.94 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#0  | 20.97 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 21.94 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#4  | 20.94 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 21.93 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#7  | 20.97 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 21.89 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | 20.91 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 23.00 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#0  | 21.81 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 22.97 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#8  | 21.72 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 22.98 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#14 | 21.65 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 21.88 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#0  | 20.82 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 21.92 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#4  | 20.80 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 21.85 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#7  | 20.75 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 21.81 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 15RB#0 | 20.77 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 23.06 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#0  | 21.72 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#8  | 22.95 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#8  | 21.77 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 23.02 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#14 | 21.78 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#0  | 21.93 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 8RB#0  | 20.96 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#4  | 21.97 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 8RB#4  | 20.95 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#7  | 21.88 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 8RB#7  | 20.93 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | 21.88 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 3MHz  | 16QAM | 20385 | 15RB#0  | 20.85 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 1RB#0   | 22.95 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#0   | 21.81 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 1RB#12  | 23.09 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#12  | 21.99 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 1RB#24  | 22.92 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#24  | 21.88 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 12RB#0  | 21.94 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#0  | 20.95 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 12RB#6  | 22.02 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#6  | 20.95 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 12RB#13 | 21.92 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#13 | 20.92 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 25RB#0  | 21.93 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0  | 20.96 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 1RB#0   | 22.87 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0   | 21.94 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 1RB#12  | 22.93 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#12  | 21.96 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 1RB#24  | 22.80 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#24  | 21.86 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 12RB#0  | 21.85 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#0  | 20.89 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 12RB#6  | 21.92 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#6  | 20.92 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 12RB#13 | 21.83 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#13 | 20.87 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0  | 21.88 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | 20.81 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0   | 22.93 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 21.87 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#12  | 23.01 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#12  | 21.92 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#24  | 22.88 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 21.79 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#0  | 21.93 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 21.00 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#6  | 21.91 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 21.01 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#13 | 21.90 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 20.95 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | 21.94 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 20.98 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 22.98 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 21.96 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 23.10 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 22.24 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 23.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 22.04 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 22.04 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 21.04 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 22.03 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 21.00 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 22.02 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 21.01 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 22.02 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 21.03 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 22.97 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 21.77 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 23.18 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 21.84 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 22.91 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 21.68 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 21.90 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 20.92 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 21.96 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 20.97 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 21.86 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 20.86 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 21.90 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 20.83 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 22.95 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 21.63 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 22.99 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 21.84 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 22.94 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 21.70 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 22.03 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 21.03 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 22.02 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 21.01 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 22.03 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.02 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 22.01 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 21.00 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 22.85 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 21.88 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 23.01 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 22.09 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 22.86 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 21.93 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 21.99 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 21.98 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 21.96 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 21.96 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 21.95 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 21.95 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 21.94 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 20.90 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 22.74 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 21.95 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 22.85 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 21.92 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 22.65 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 21.80 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 21.83 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 21.91 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 21.84 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.85 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 21.91 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 21.94 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 21.88 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 20.83 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 22.82 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 21.53 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 22.97 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 21.69 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 22.90 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 21.64 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 21.99 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 21.97 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 21.96 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 21.96 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 21.98 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 21.95 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 21.93 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 20.91 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 22.73 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 21.62 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 23.10 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 22.17 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 22.74 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 21.64 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 21.97 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 20.96 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 21.94 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 20.96 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 22.06 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 21.02 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 22.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 20.93 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 22.69 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 21.92 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 23.14 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 22.23 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 22.62 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 21.82 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 21.71 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 20.80 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 21.77 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 20.78 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 21.71 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 20.74 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 21.76 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 20.75 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 22.56 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 21.39 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 23.03 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 21.84 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 22.67 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 21.47 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 21.94 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 21.04 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 21.97 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 20.96 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 21.86 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 20.93 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 21.91 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 20.94 | PASS |



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

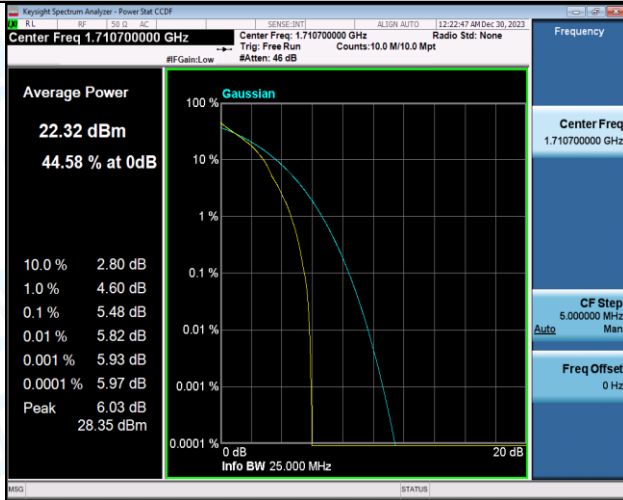
### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 5.48       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 6.58       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 6.00       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 6.85       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 4.73       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 5.65       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 5.33       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 6.26       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 5.47       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 6.56       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 6.05       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 6.90       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 5.49       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 6.40       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 6.09       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 6.98       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 4.68       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 5.62       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 5.37       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 6.26       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | 5.62       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | 6.56       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 6.13       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 7.03       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | 5.62       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | 6.23       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 6.28       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 7.04       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | 4.85       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 1RB#0            | 5.63       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 5.47       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 6.30       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | 5.87       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | 6.43       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 6.20       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 6.98       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 1RB#0            | 5.55       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 1RB#0            | 6.51       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 6.32       | 13        | PASS    |

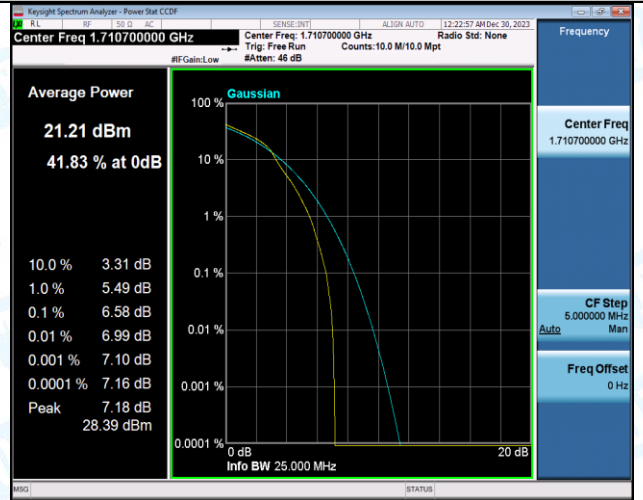
|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 7.12 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 4.88 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 5.79 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 5.48 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 6.35 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 5.76 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 6.61 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 6.20 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 7.03 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 5.62 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 6.52 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 6.56 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 7.19 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 5.27 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 6.18 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 5.87 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 6.54 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 5.33 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 6.25 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 6.46 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 7.07 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 5.58 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 6.25 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 6.08 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 6.94 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 5.73 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 6.67 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 5.72 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 6.55 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 4.97 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 6.05 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 6.00 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 6.86 | 13 | PASS |

Test Graphs

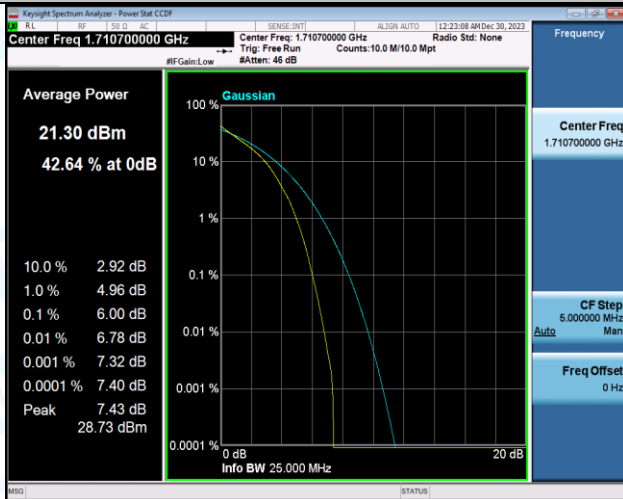
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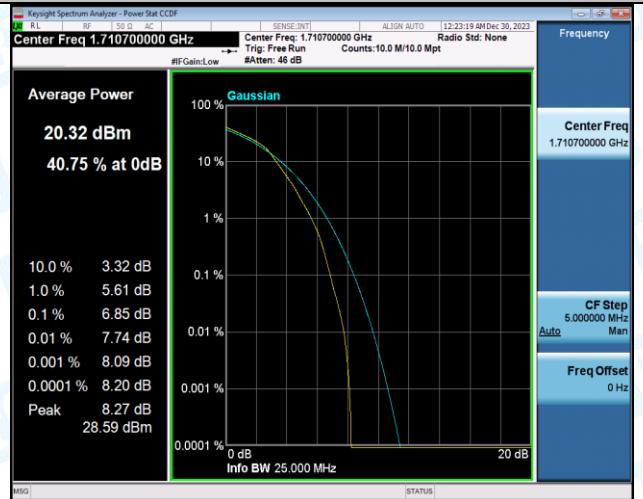
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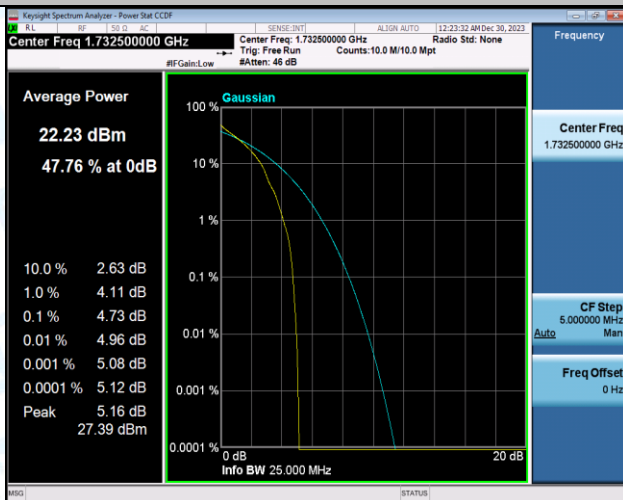
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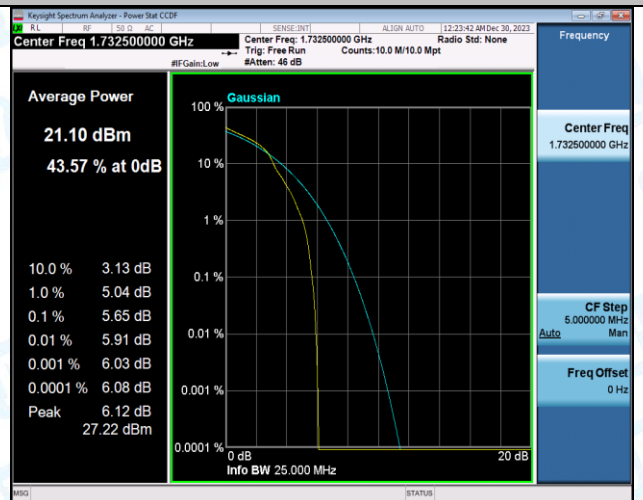
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Band4-1.4MHz-QPSK-20175-1RB#0-PASS

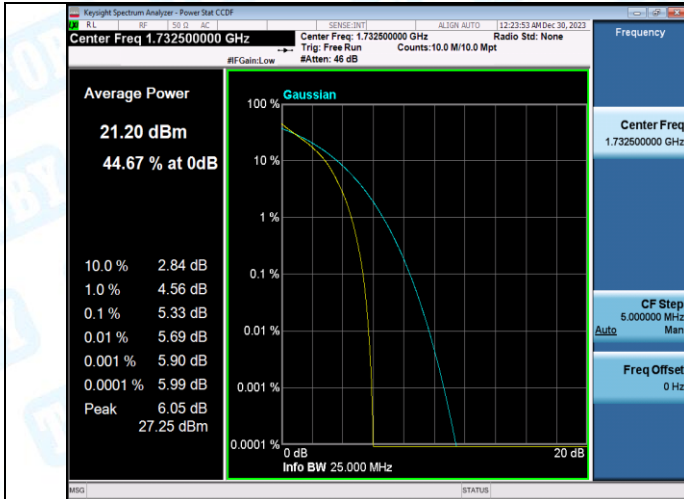


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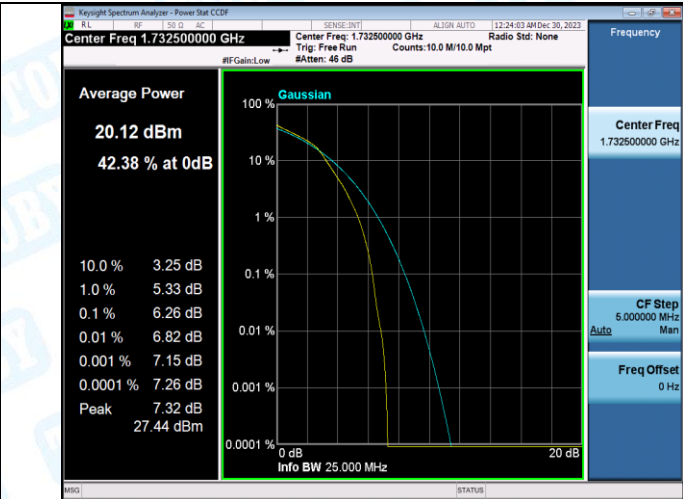


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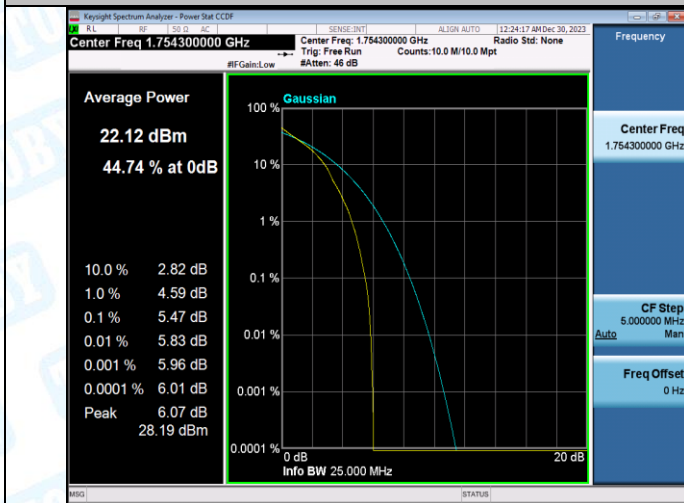
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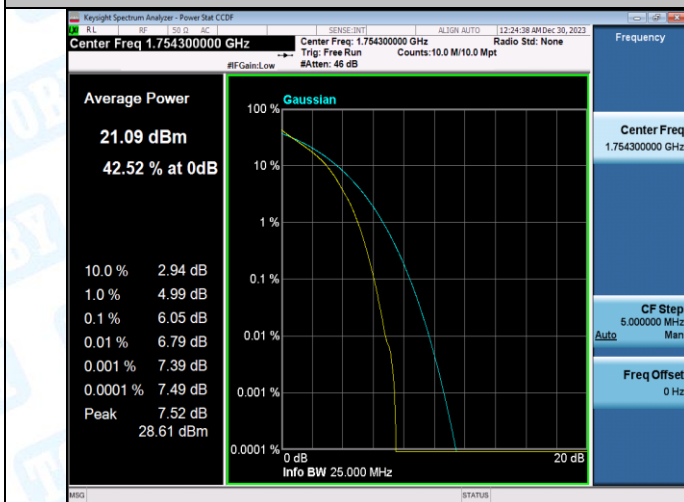
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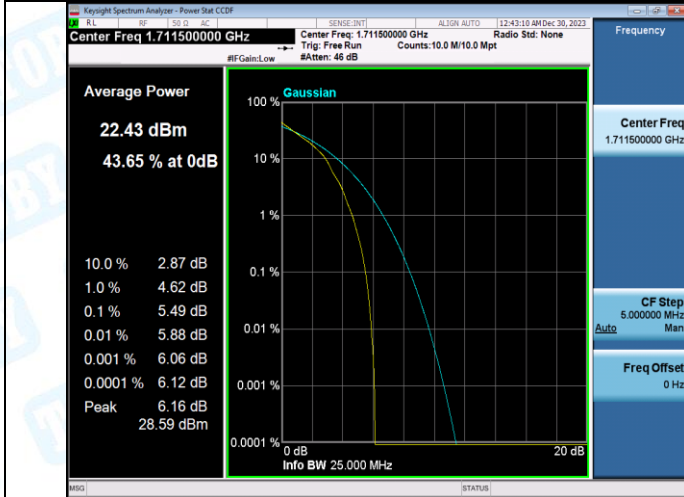
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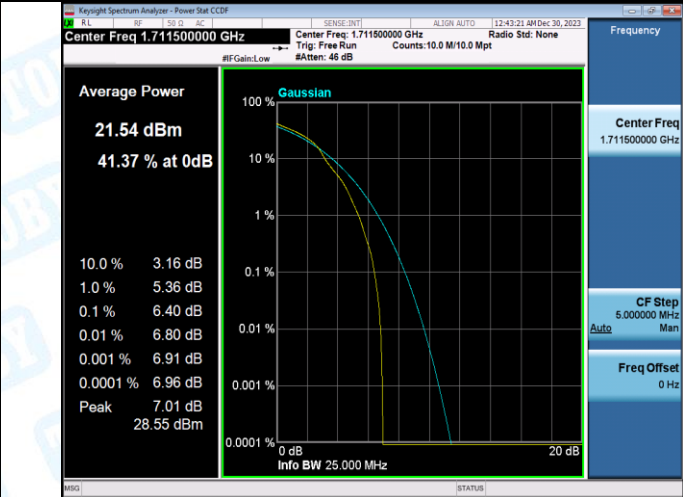
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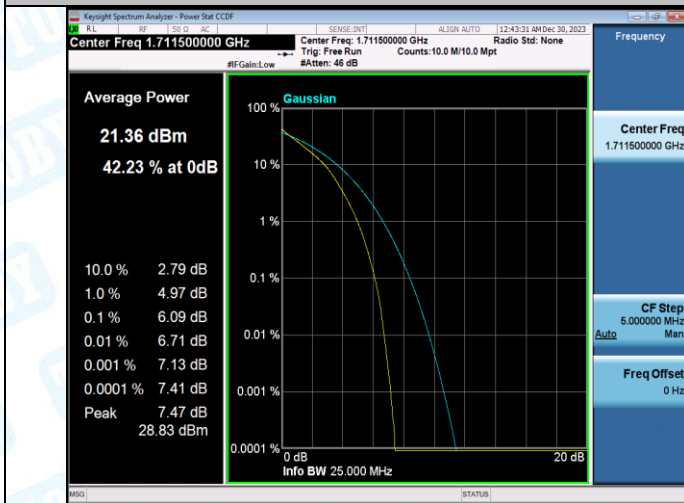
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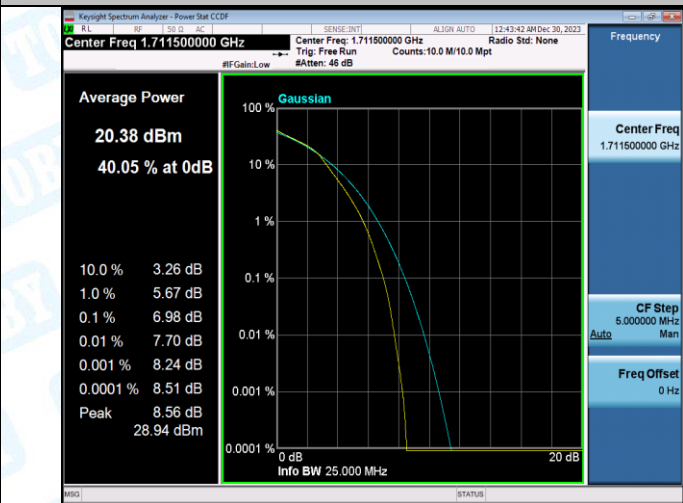
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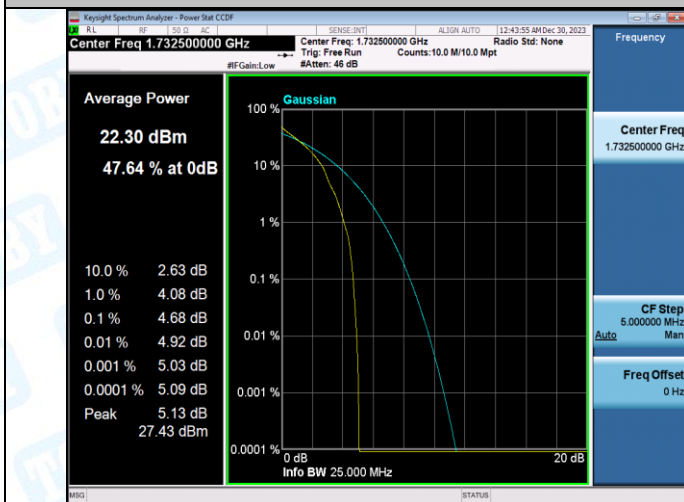
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Band4-3MHz-QPSK-20175-1RB#0-PASS



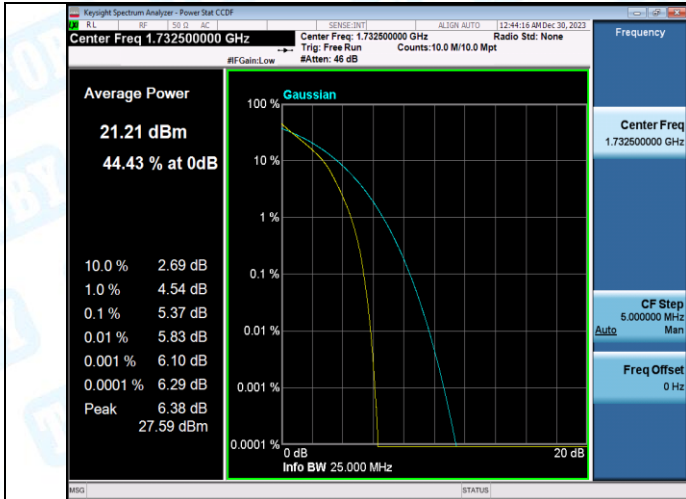
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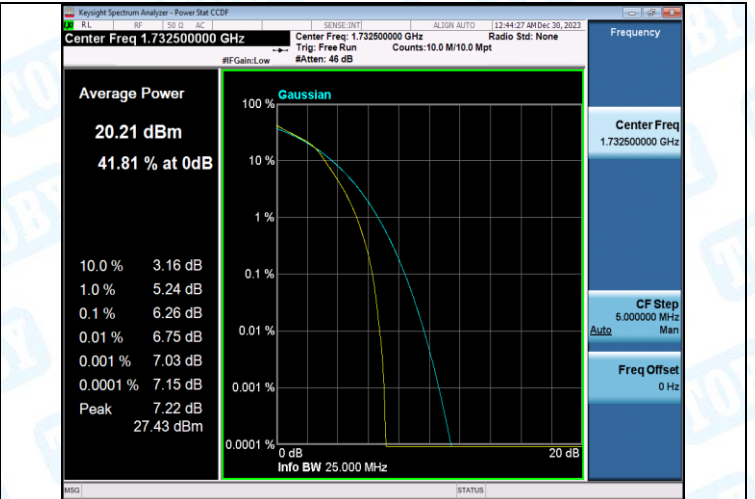
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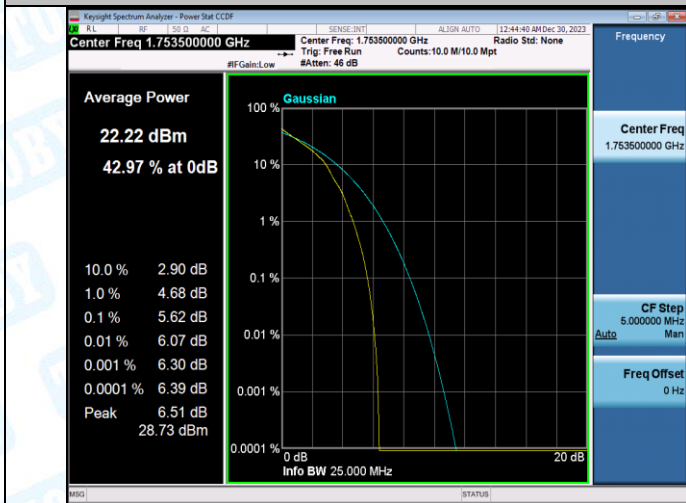
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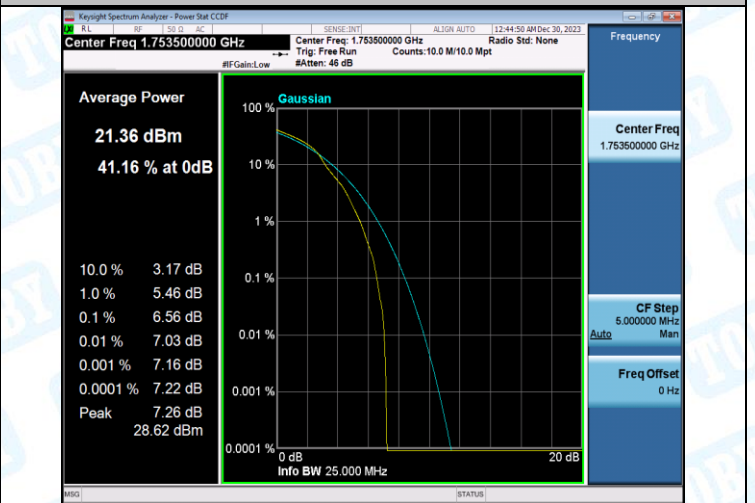
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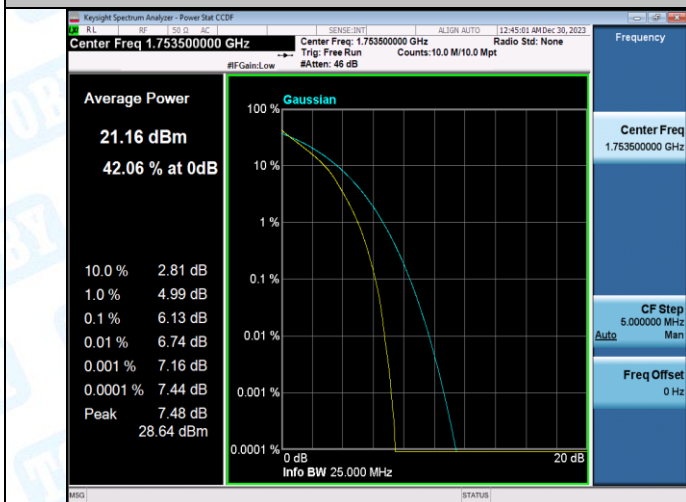
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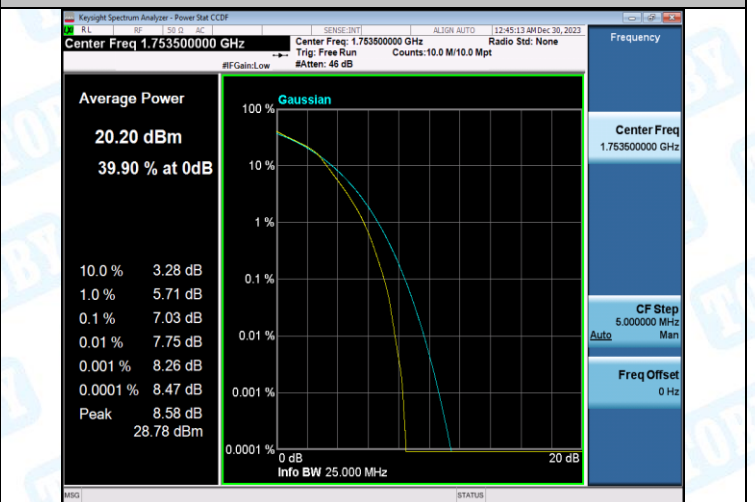
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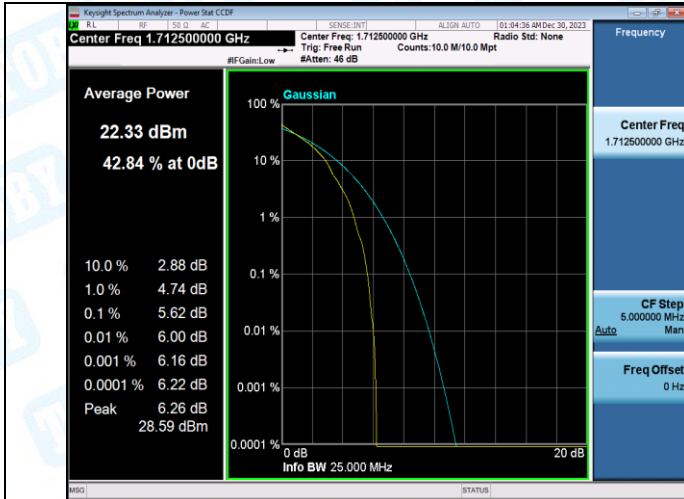
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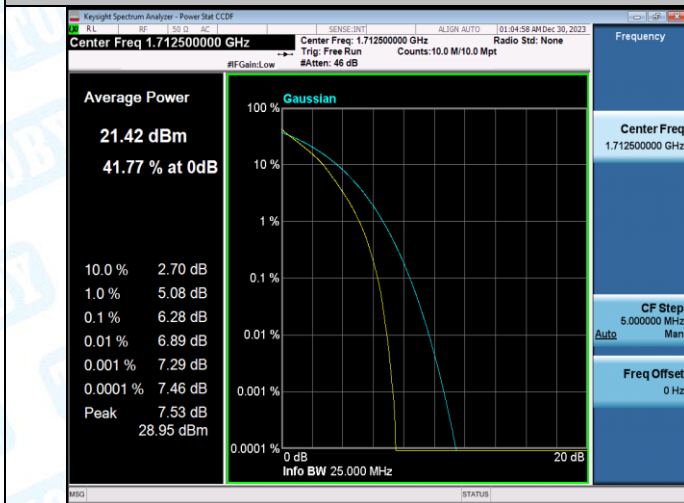
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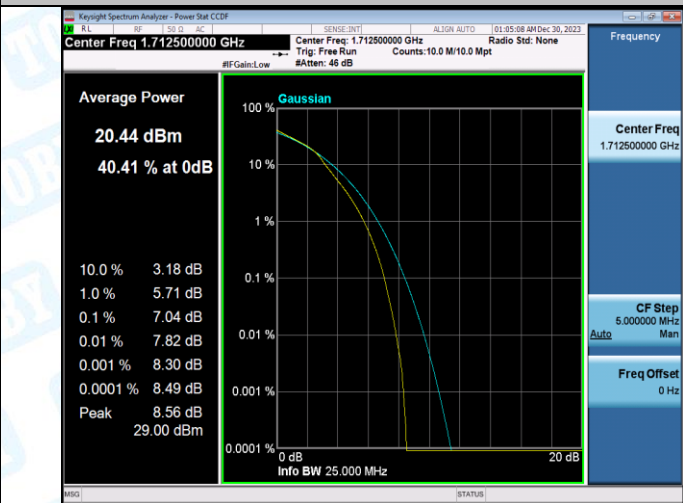
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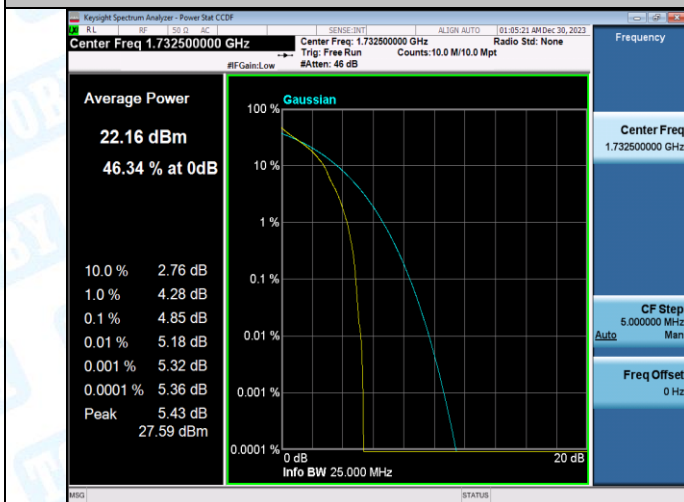
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Band4-5MHz-QPSK-20175-1RB#0-PASS



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



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



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