



## Appendix G: Test Data for E-UTRA Band 4

Product Name: In-Vehicle Display Terminal

Test Model: VT-7 GA

### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.9° C   |
| Relative Humidity: | 52.1%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Ling Zhu  |
| Supervised by:     | Li huan   |



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

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 21.03       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 22.13       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 22.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 21.97       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1            | 21.93       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 21.96       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 20.98       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 22.04       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 22.25       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 22.04       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 22.16       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1            | 22.16       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 22.14       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 21.15       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 22.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 22.17       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 21.97       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 21.97       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#1            | 21.96       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3            | 22.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 20.99       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 22.04       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 20.89       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 20.66       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0            | 20.77       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1            | 20.76       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3            | 20.77       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 19.75       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 20.95       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2            | 21.09       | PASS    |





|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5  | 20.93 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0  | 20.85 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1  | 20.91 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3  | 20.86 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | 20.03 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 20.64 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 20.76 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 20.64 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 20.74 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 20.72 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 20.75 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 19.78 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 21.95 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 21.95 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 21.92 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 21.01 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 21.01 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 21.01 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 20.94 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 22.14 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 22.19 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 22.14 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 21.15 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 21.14 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 21.17 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 21.09 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 22.07 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#8  | 21.97 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 21.96 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#0  | 21.05 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#4  | 21.05 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#7  | 20.97 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | 20.99 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 20.91 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#8  | 20.92 | PASS |





|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14  | 20.89 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0   | 19.97 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4   | 19.96 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7   | 19.92 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0  | 19.93 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0   | 21.10 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8   | 21.15 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14  | 21.09 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0   | 20.14 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4   | 20.14 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7   | 20.14 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0  | 20.14 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0   | 20.93 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8   | 20.70 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14  | 20.89 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0   | 19.98 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 19.96 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 19.95 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 19.92 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 21.92 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 21.97 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 21.62 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 20.92 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 20.65 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 20.45 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 20.50 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 21.64 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 21.78 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 21.60 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 20.57 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 20.60 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 20.62 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 20.64 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 21.46 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 21.52 | PASS |



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|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#24  | 21.37 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#0  | 20.51 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#6  | 20.53 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#13 | 20.61 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | 20.64 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#0   | 20.93 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#12  | 21.03 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 1RB#24  | 20.64 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#0  | 19.80 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#6  | 19.98 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 12RB#13 | 19.54 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0  | 19.46 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0   | 20.48 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#12  | 20.62 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#24  | 20.47 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#0  | 19.55 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#6  | 19.51 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#13 | 19.54 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | 19.63 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 20.38 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#12  | 20.51 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 20.38 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 19.48 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 19.48 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 19.64 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 19.52 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 22.01 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 22.14 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 21.46 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 20.52 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 20.55 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 20.48 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 20.55 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 21.58 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 21.81 | PASS |



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|-------|-------|-------|-------|---------|-------|------|
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 21.62 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 20.67 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 20.65 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 20.73 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 20.64 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 21.59 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 21.69 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 21.46 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 20.54 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 20.54 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 20.47 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 20.49 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 20.74 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 20.54 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 20.36 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 19.54 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 19.59 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 19.57 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 19.53 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 20.66 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 20.68 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 20.59 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 19.60 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 19.61 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 19.62 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 19.64 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 20.28 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 20.33 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 20.22 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 19.52 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 19.54 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 19.47 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 19.50 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 21.88 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 21.93 | PASS |



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|-------|-------|-------|-------|---------|-------|------|
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 21.87 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 20.79 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 20.99 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 20.92 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 21.05 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 22.03 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 22.11 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 22.02 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 21.05 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 21.12 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 20.96 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 21.18 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 22.01 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 22.06 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 21.85 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 20.99 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 21.00 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 20.81 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 21.14 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 20.83 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 21.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 20.94 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 20.85 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 20.93 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 20.91 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 19.99 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 21.05 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 21.16 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 20.98 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 21.03 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.15 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 20.98 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 20.14 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 20.96 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 20.99 | PASS |



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|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 20.80 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 20.94 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 21.01 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 20.83 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 19.97 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 21.77 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 22.09 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 21.78 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 21.02 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 21.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 20.92 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 20.99 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 21.91 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 22.30 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 21.93 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 21.06 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 21.02 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 21.17 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 21.06 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 21.92 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 22.26 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 21.78 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 20.99 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 21.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 20.95 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 20.99 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 20.59 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 20.99 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 20.67 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 20.04 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 20.09 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 19.99 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 19.98 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 20.83 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 21.12 | PASS |





|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 20.69 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 20.04 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 20.11 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 20.11 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 20.08 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 20.73 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 20.96 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 20.56 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 20.02 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 19.98 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 19.98 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 19.98 | PASS |





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

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 4.47       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 5.05       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 4.41       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 5.47       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 5.89       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 5.36       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 4.58       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 5.09       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 4.27       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 5.49       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 6.01       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 5.11       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 5.00       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 5.22       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.48       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 5.80       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 5.96       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 5.32       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 5.29       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 5.24       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 4.44       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 6.08       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 6.01       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 5.28       | 13        | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 5.59       | 13        | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 5.58       | 13        | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 4.78       | 13        | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 6.34       | 13        | PASS    |
| Band4 | 15MHz     | 16QAM      | 20175   | 75RB#0           | 6.16       | 13        | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 75RB#0           | 5.26       | 13        | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 5.52       | 13        | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 5.37       | 13        | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 5.00       | 13        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | 6.32       | 13        | PASS    |



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Scan code to check authenticity



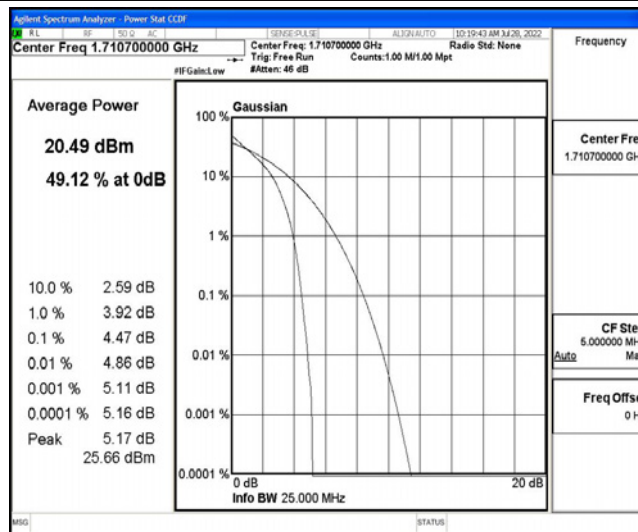
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| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 6.13 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 5.73 | 13 | PASS |



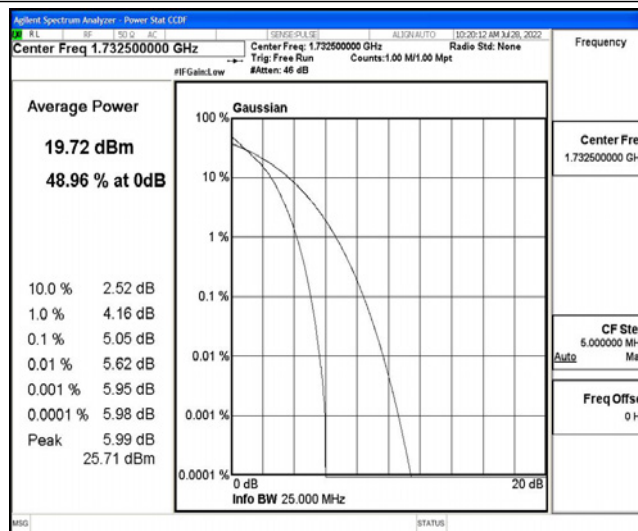


## Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0

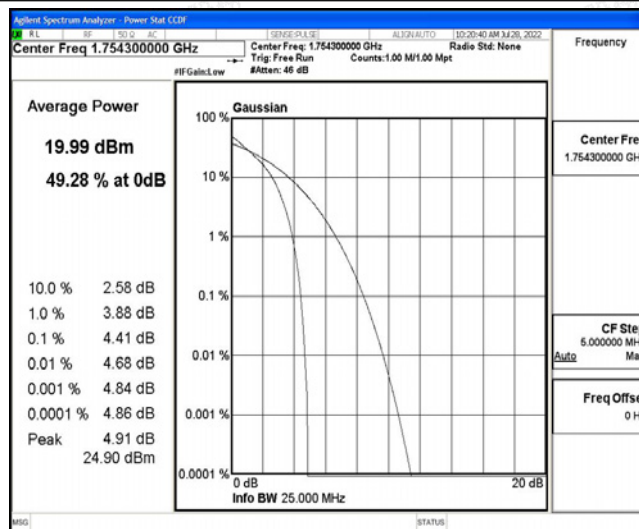


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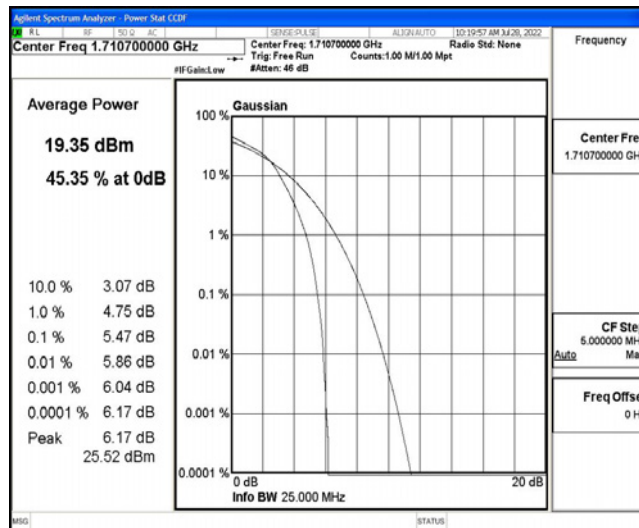


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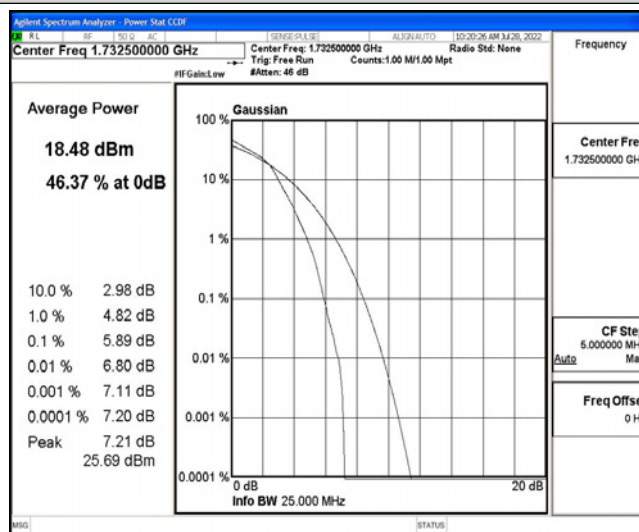




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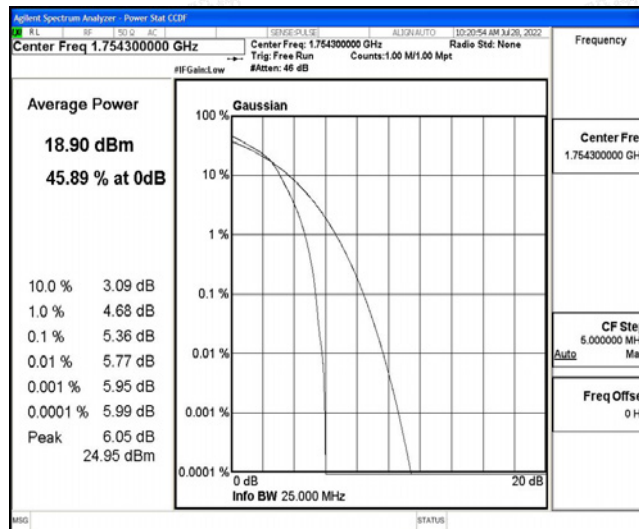


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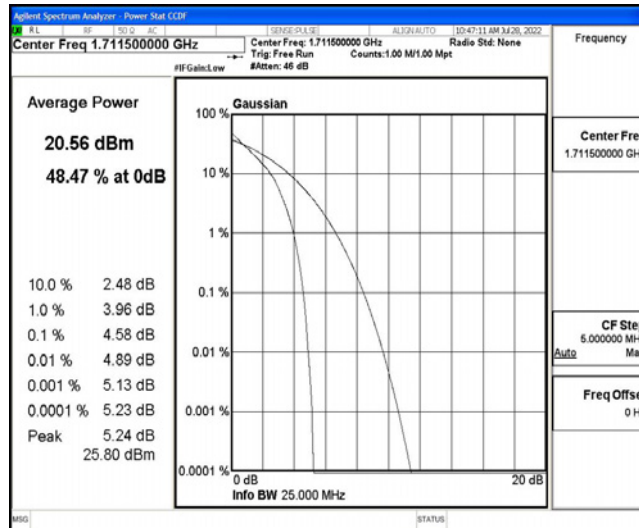


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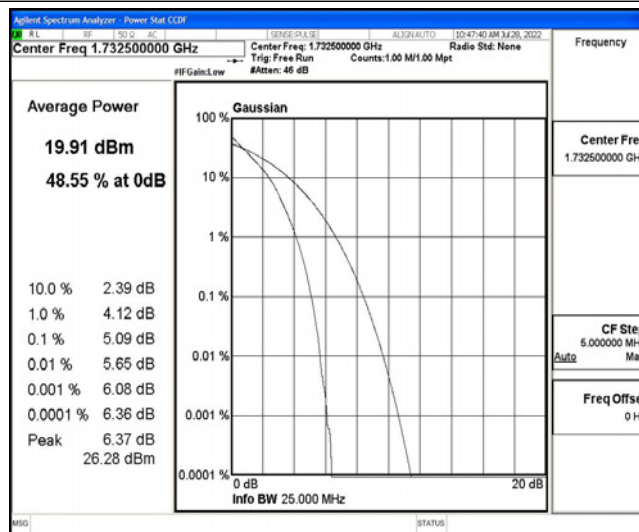




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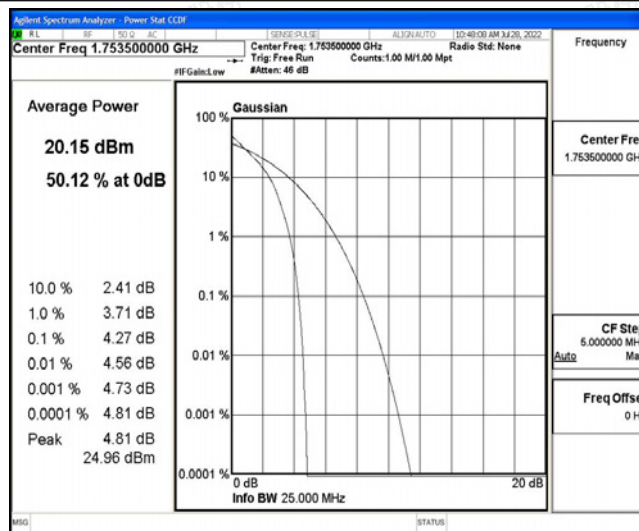


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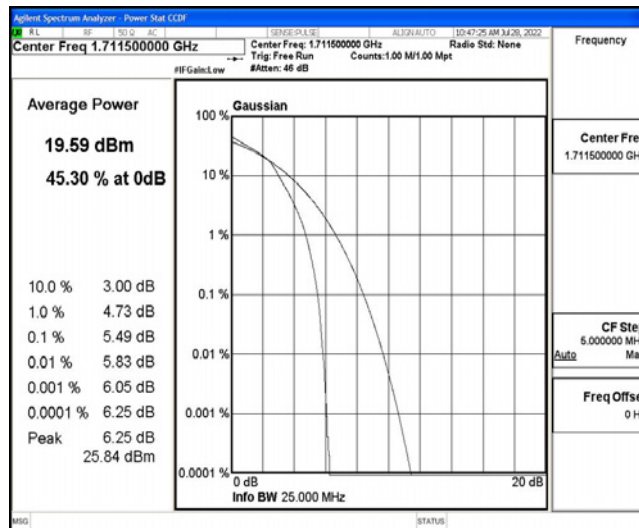


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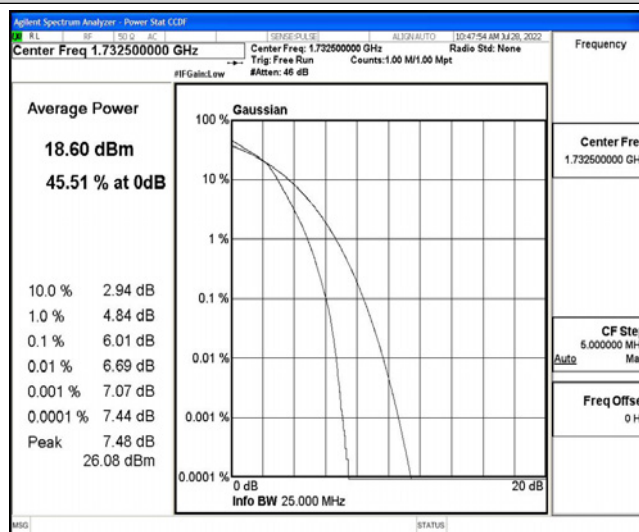




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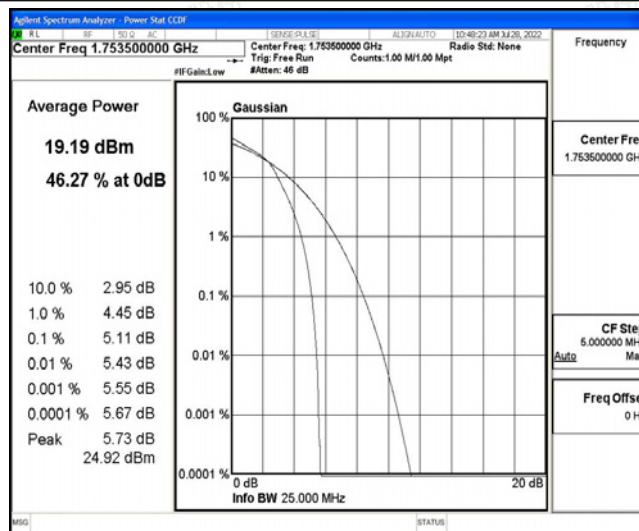


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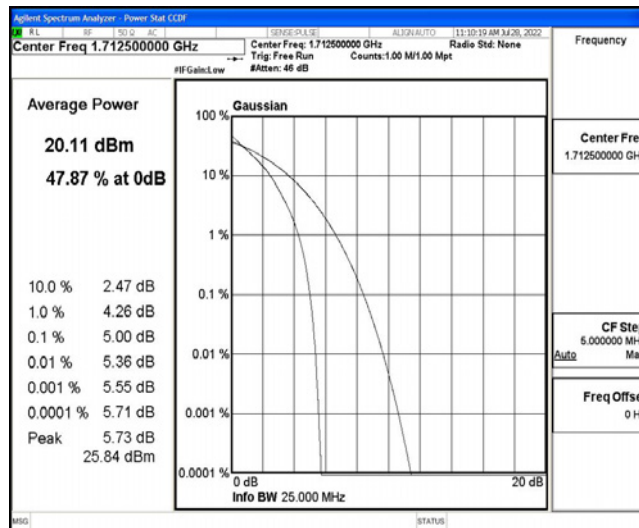


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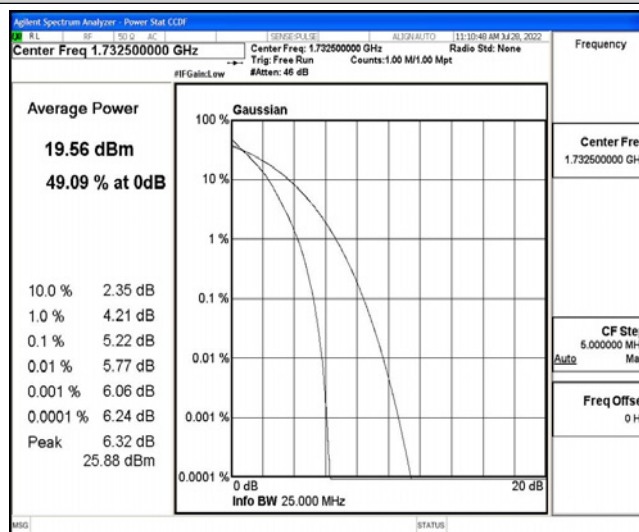




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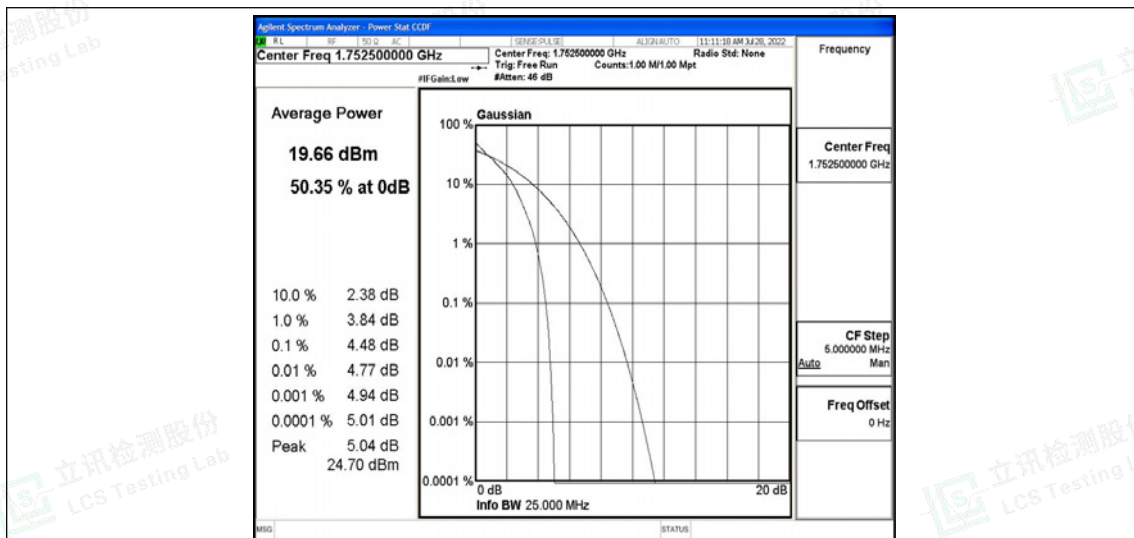


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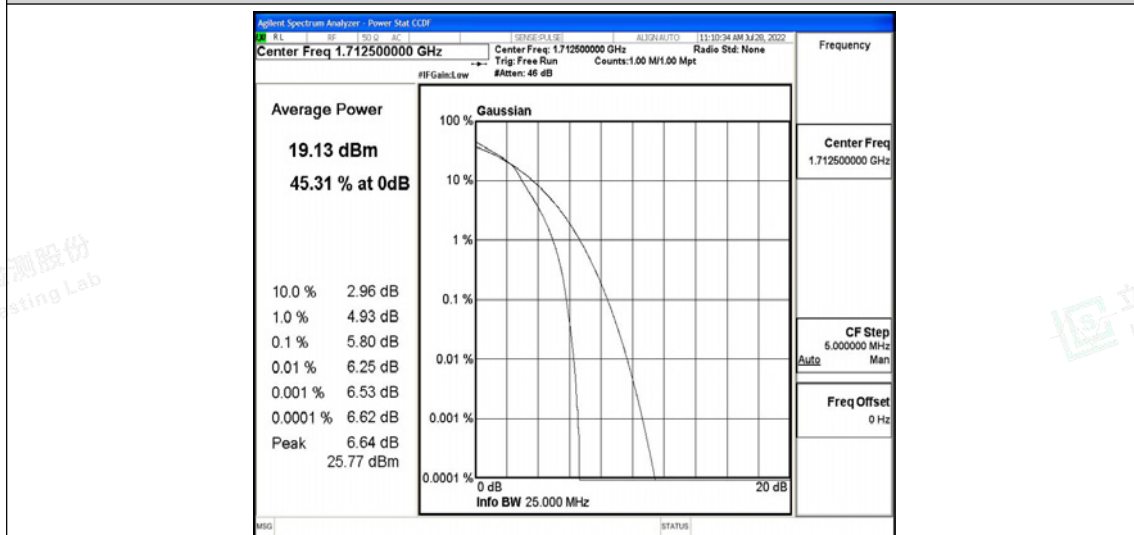


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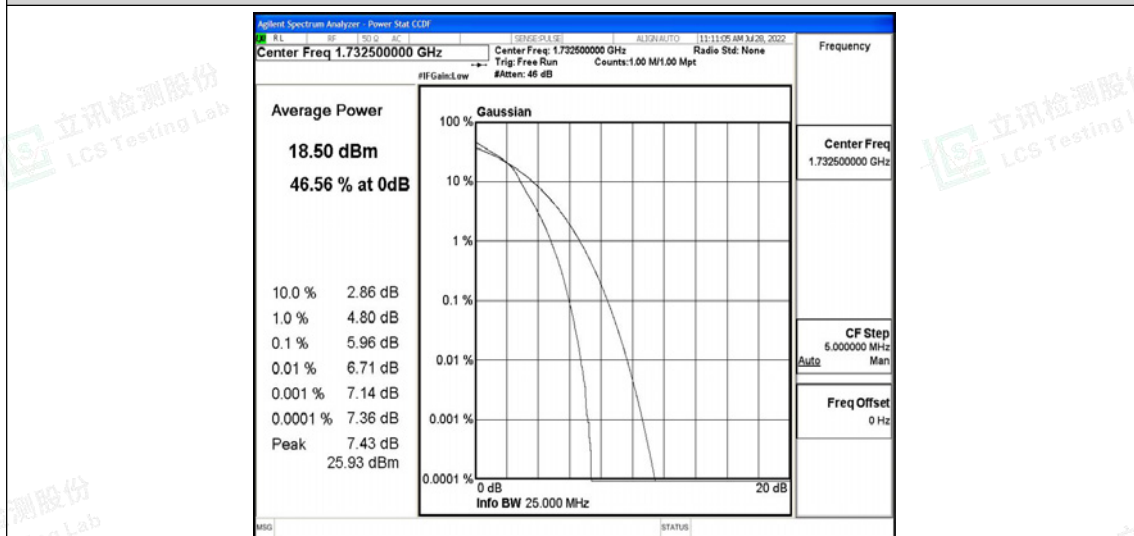




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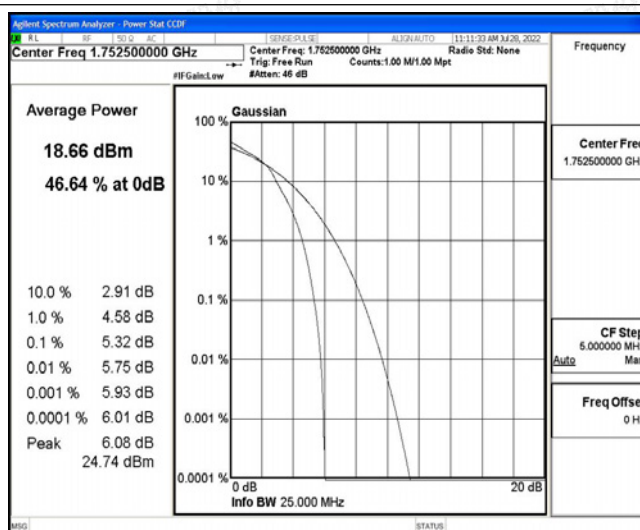


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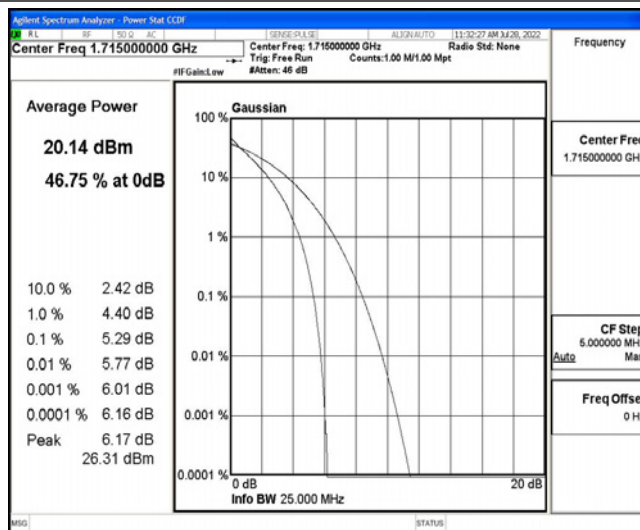


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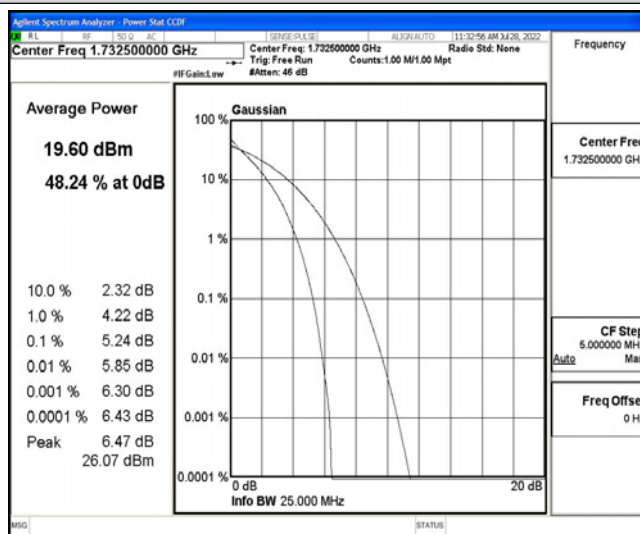




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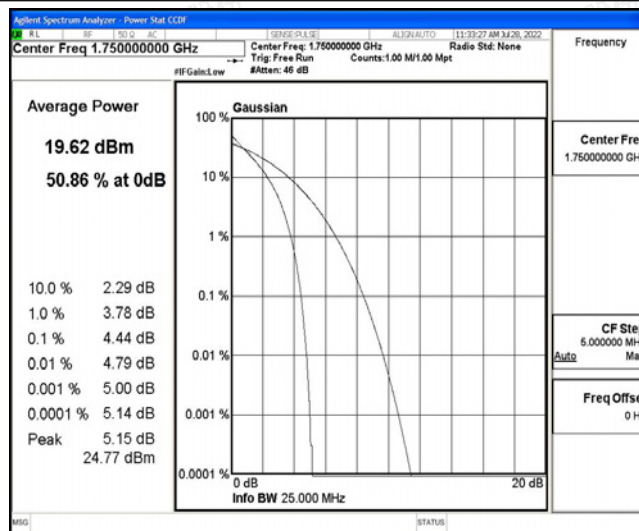


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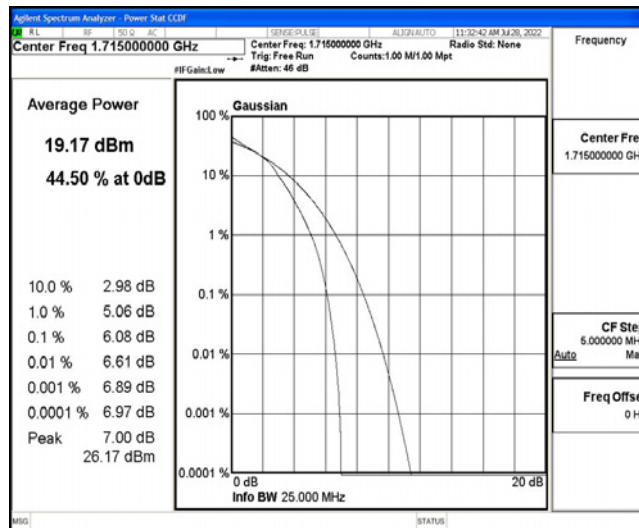


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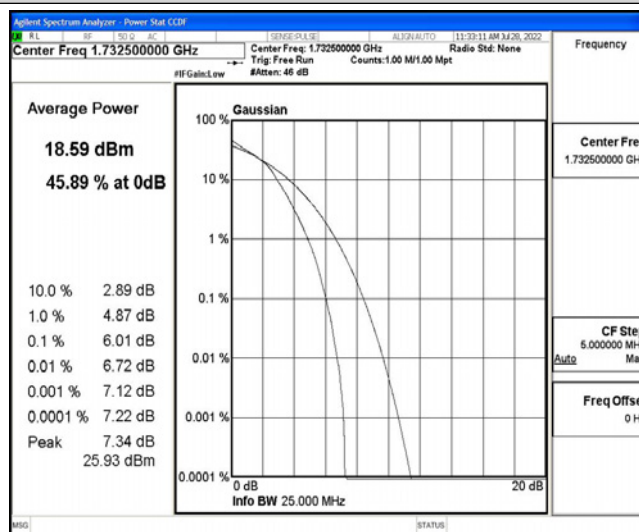




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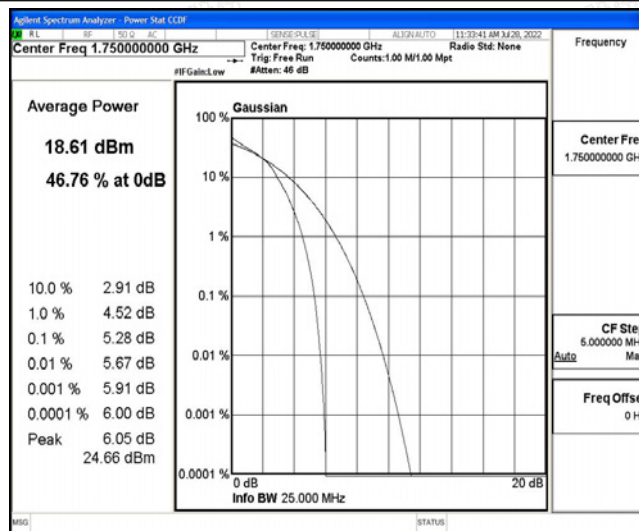


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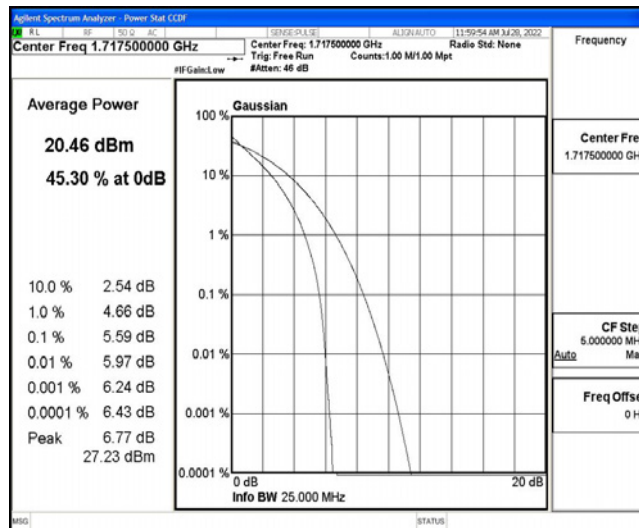


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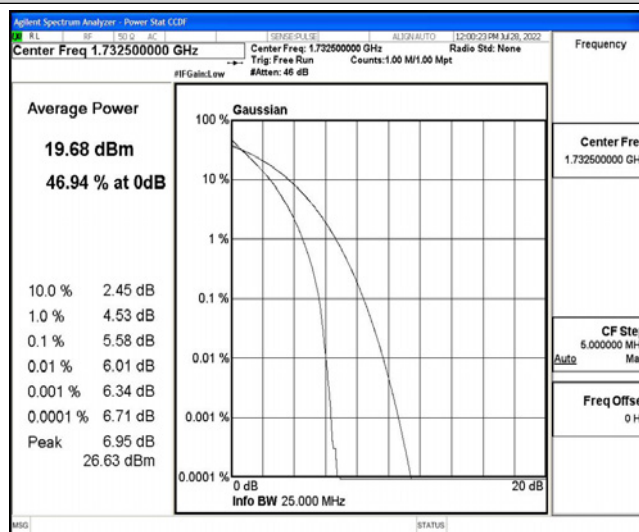




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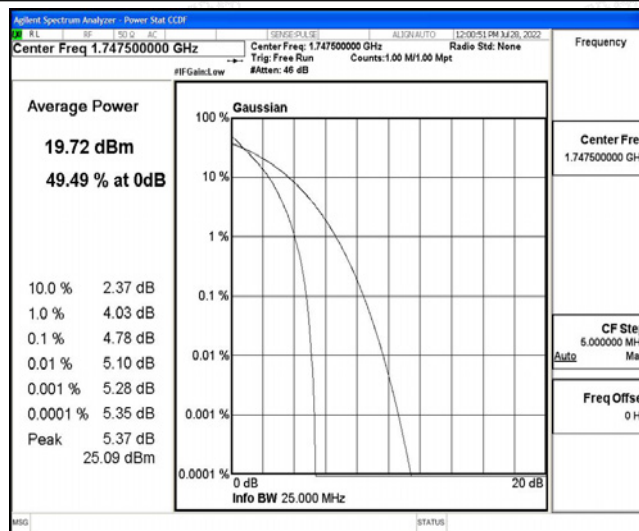


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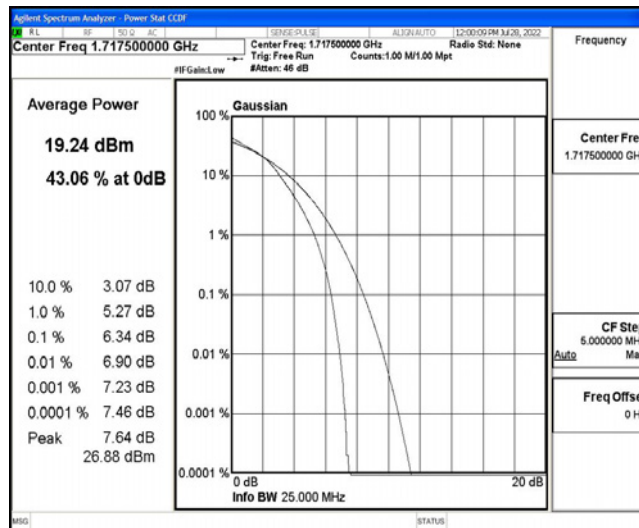


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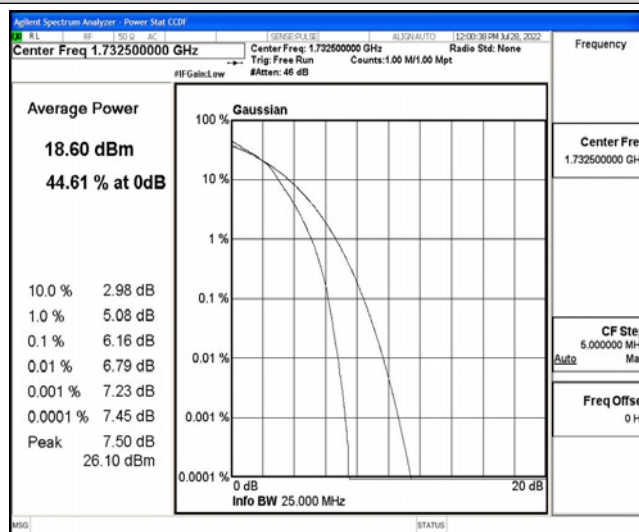




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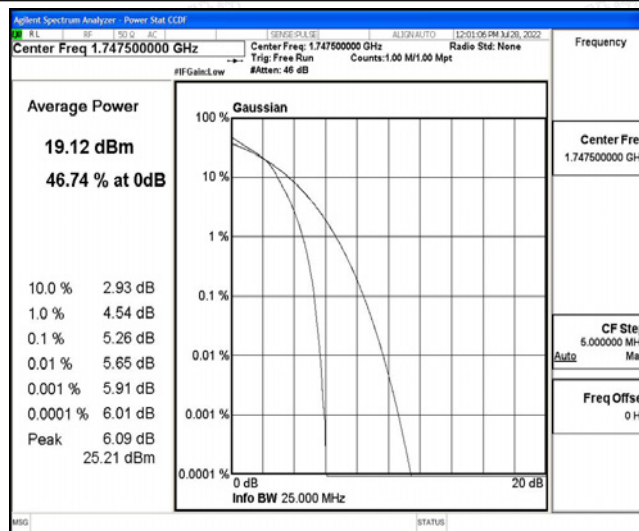


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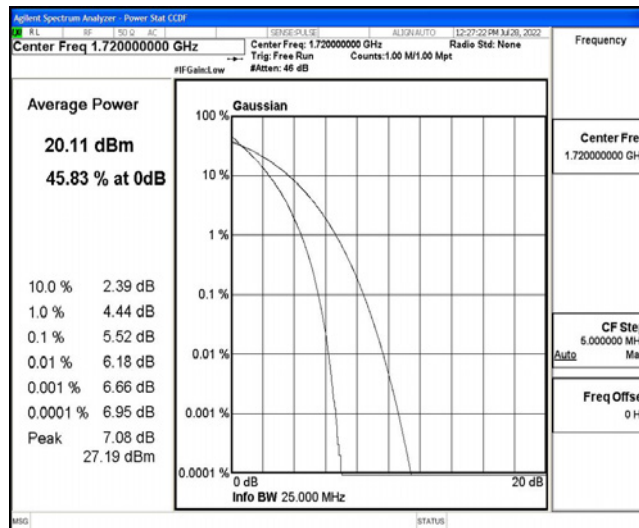


Band4-15MHz-16QAM-20325-75RB#0

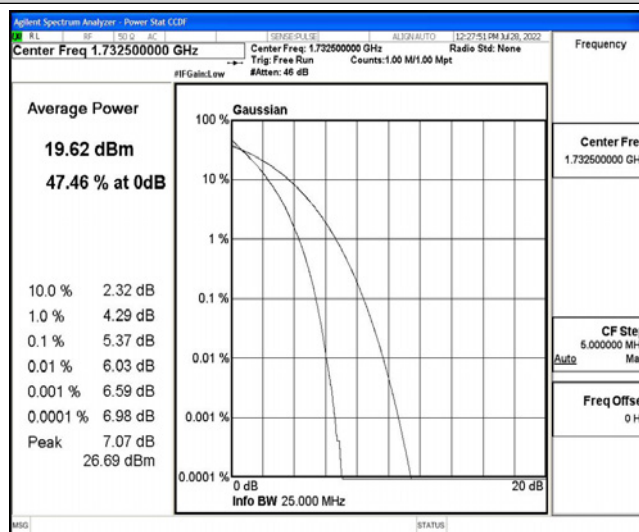




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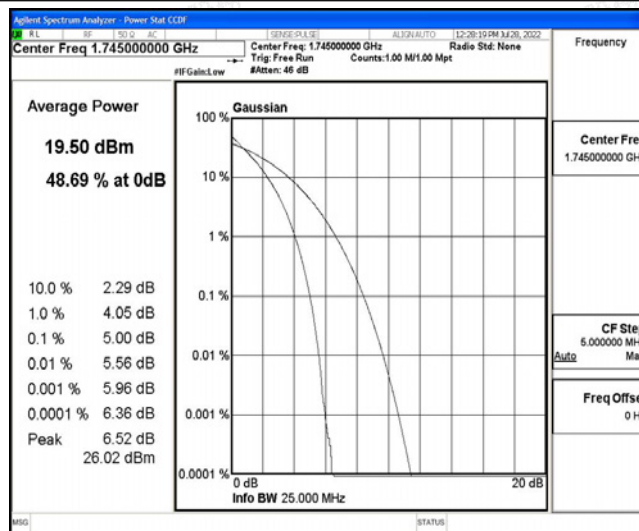


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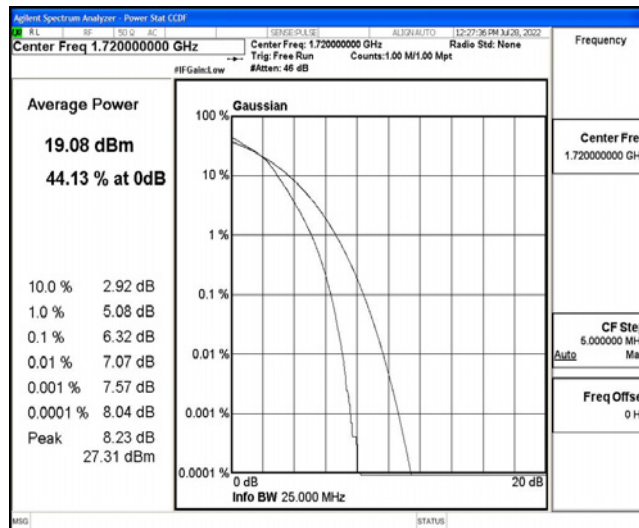


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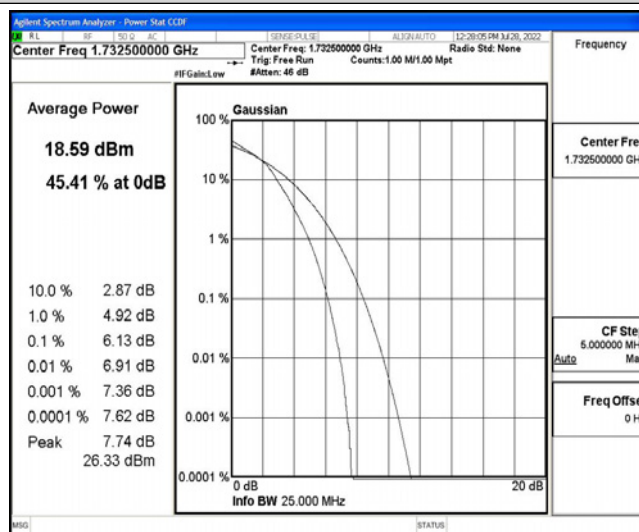




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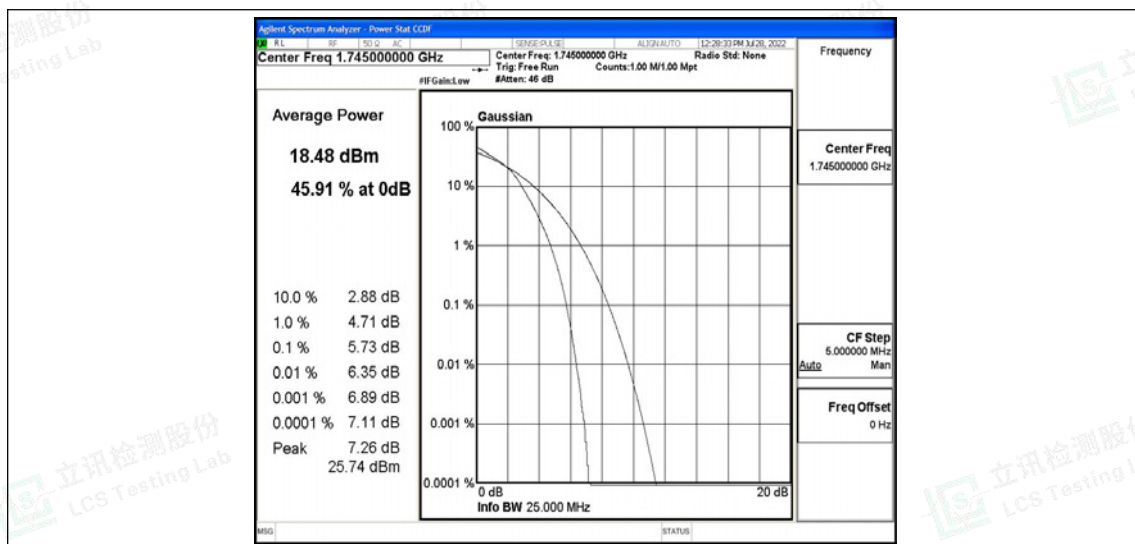


Band4-20MHz-16QAM-20175-100RB#0



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







## G.3 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.0903                   | 1.293                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.0911                   | 1.308                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.0921                   | 1.293                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.0961                   | 1.293                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.0941                   | 1.293                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.0913                   | 1.273                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.6829                   | 2.889                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.6803                   | 2.889                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.6888                   | 2.897                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.6860                   | 2.886                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.6823                   | 2.891                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.6792                   | 2.894                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.5096                   | 4.910                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.4900                   | 4.928                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.4892                   | 4.896                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.4949                   | 4.885                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.4936                   | 4.885                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.4949                   | 4.958                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 8.9980                   | 9.815                | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 8.9921                   | 9.820                | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 8.9589                   | 9.763                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 8.9568                   | 9.721                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 8.9746                   | 9.749                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 8.9786                   | 9.771                | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 13.494                   | 14.69                | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 13.508                   | 14.78                | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 13.467                   | 14.70                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 13.499                   | 14.61                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20175   | 75RB#0           | 13.493                   | 14.70                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 75RB#0           | 13.504                   | 14.76                | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 17.941                   | 19.31                | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 18.012                   | 19.32                | PASS    |



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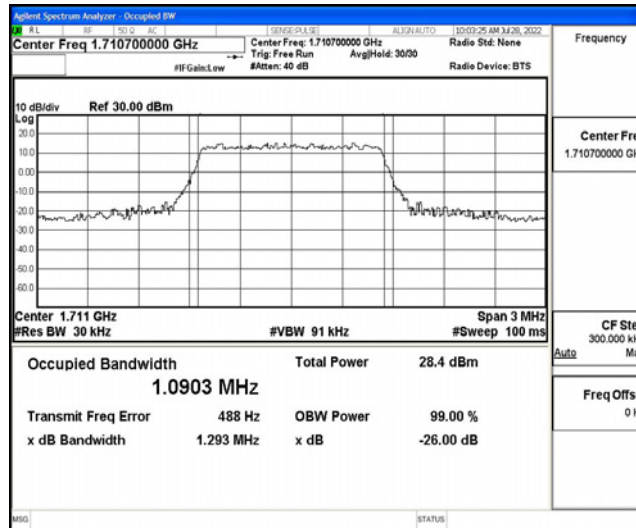
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| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 17.965 | 19.56 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 17.952 | 19.32 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 17.997 | 19.39 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 17.944 | 19.34 | PASS |



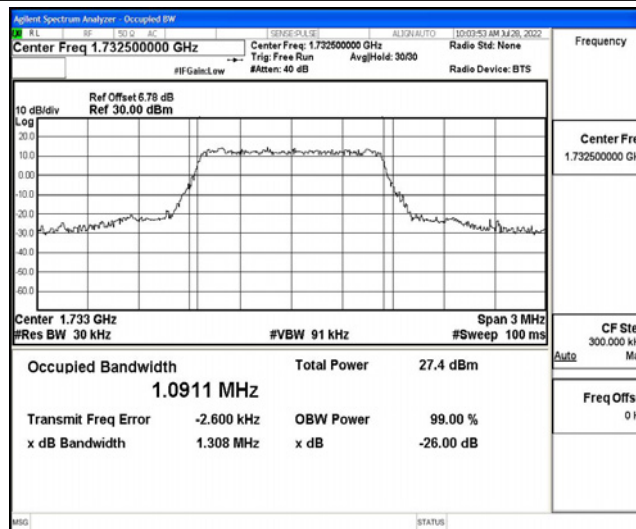


## Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0

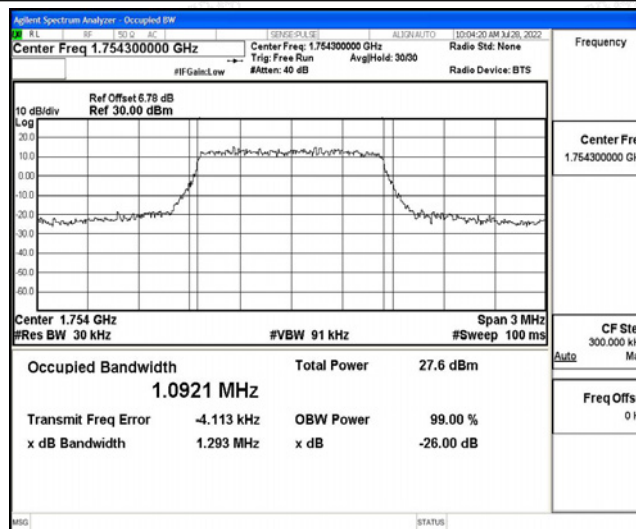


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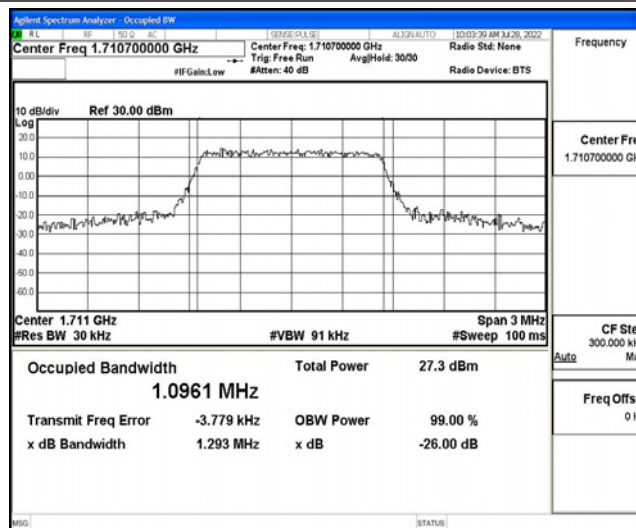


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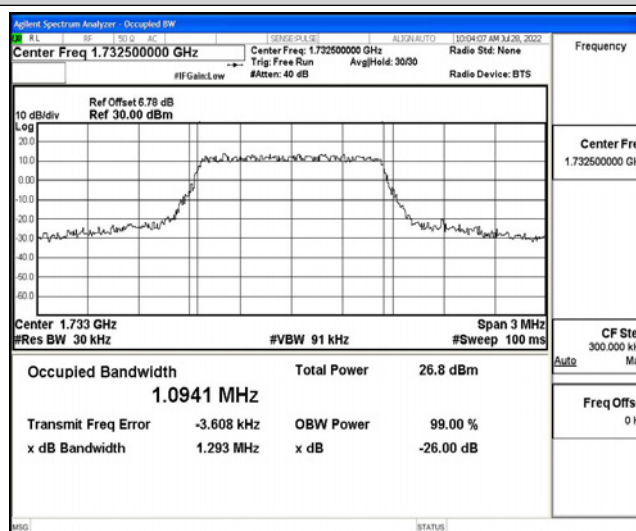




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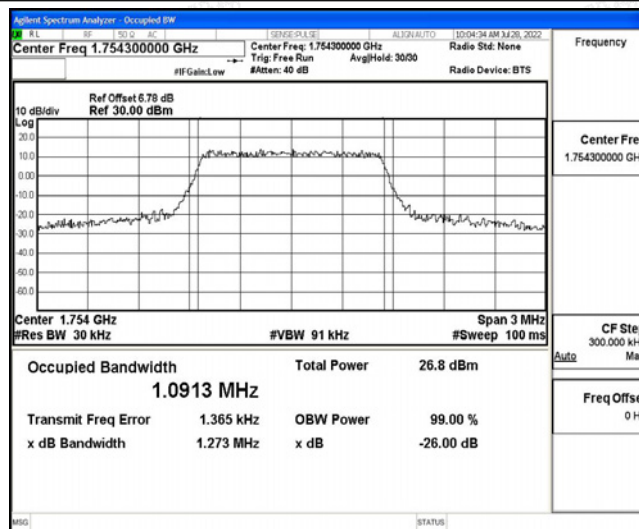


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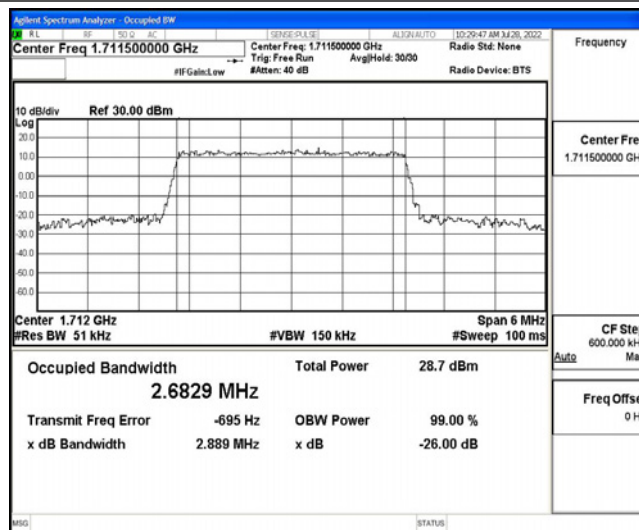


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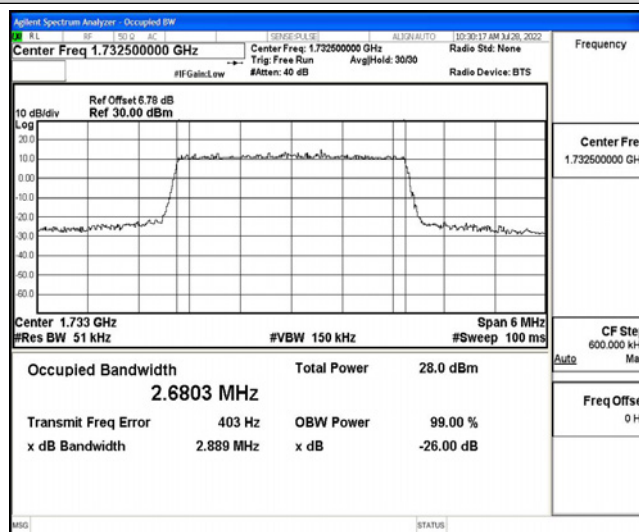




Band4-3MHz-QPSK-19965-15RB#0

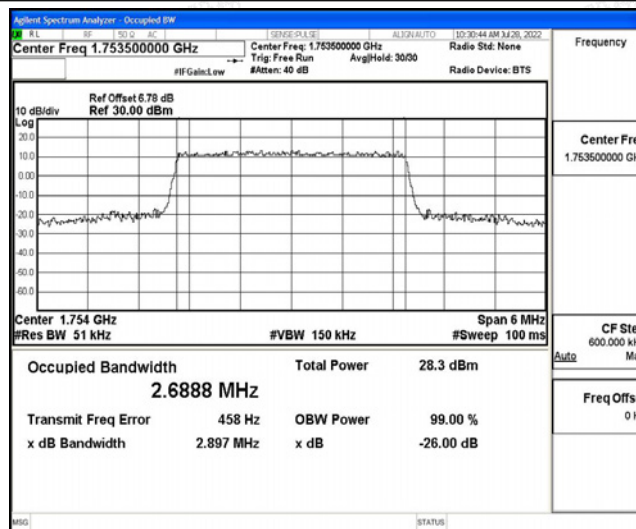


Band4-3MHz-QPSK-20175-15RB#0

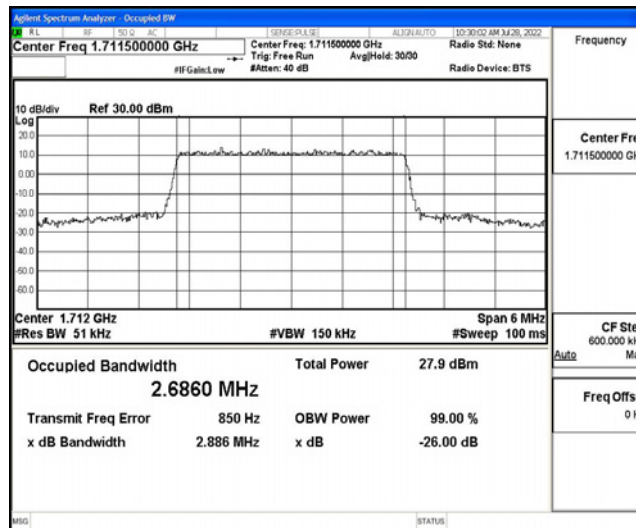


Band4-3MHz-QPSK-20385-15RB#0

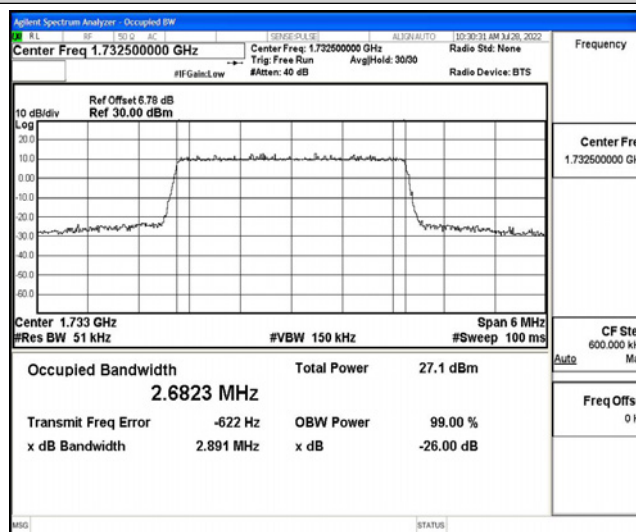




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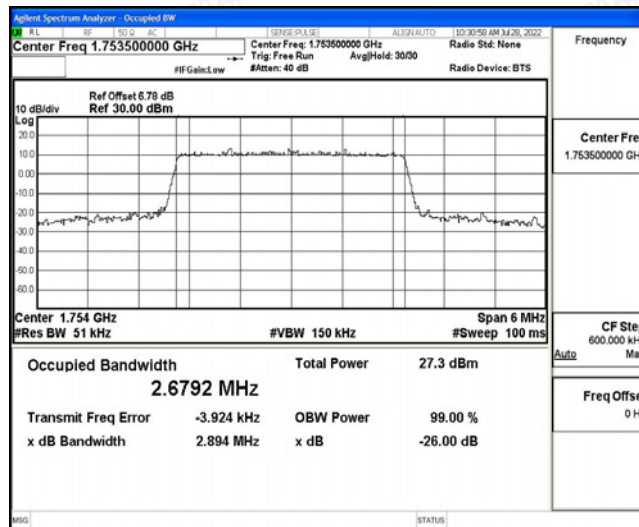


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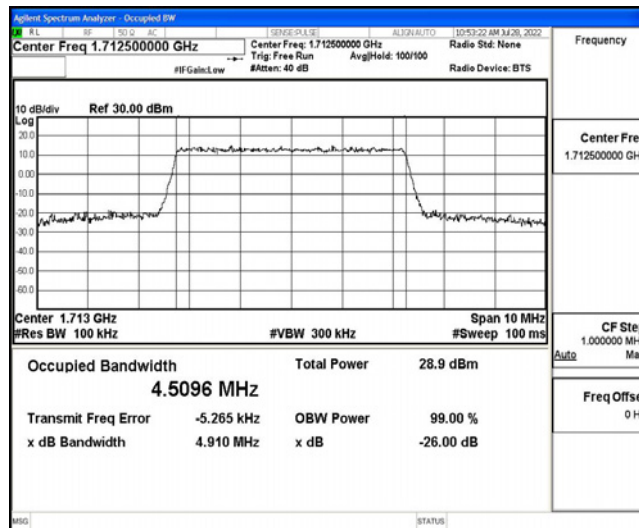


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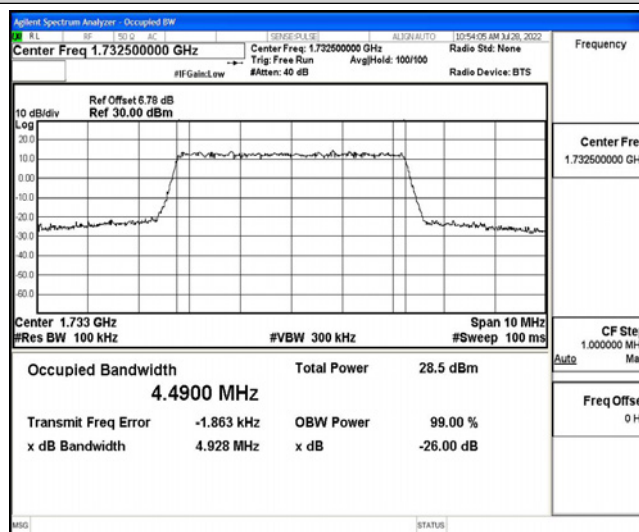




Band4-5MHz-QPSK-19975-25RB#0

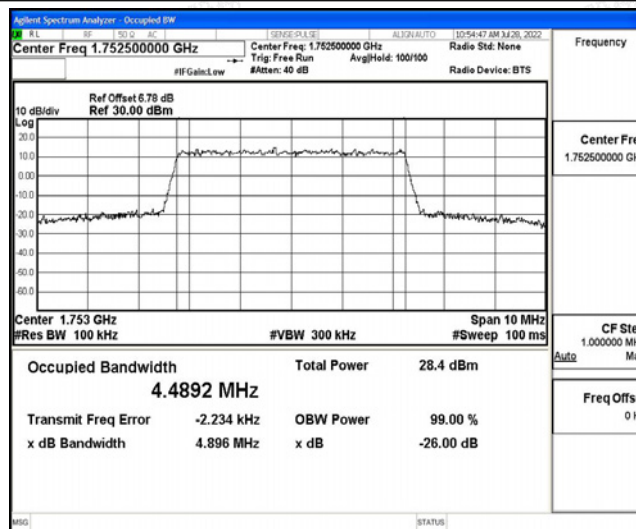


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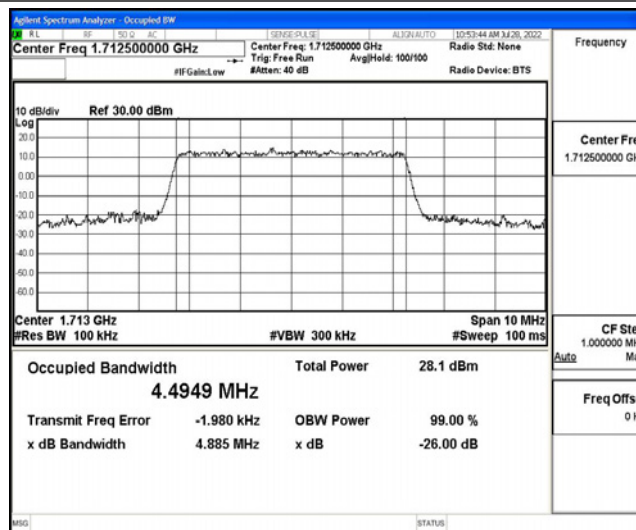


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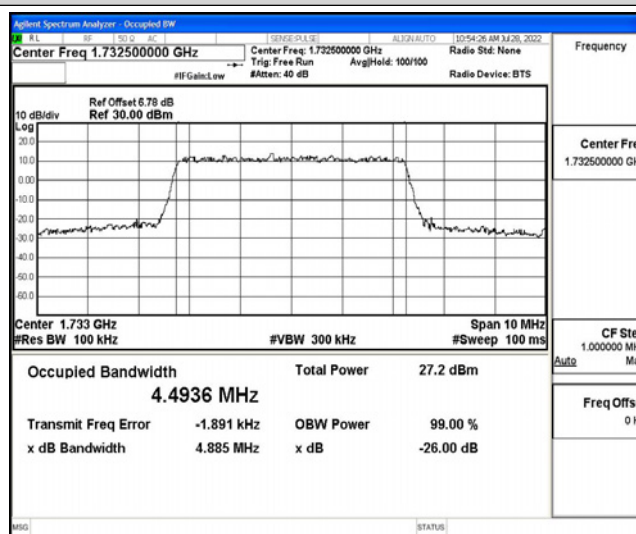




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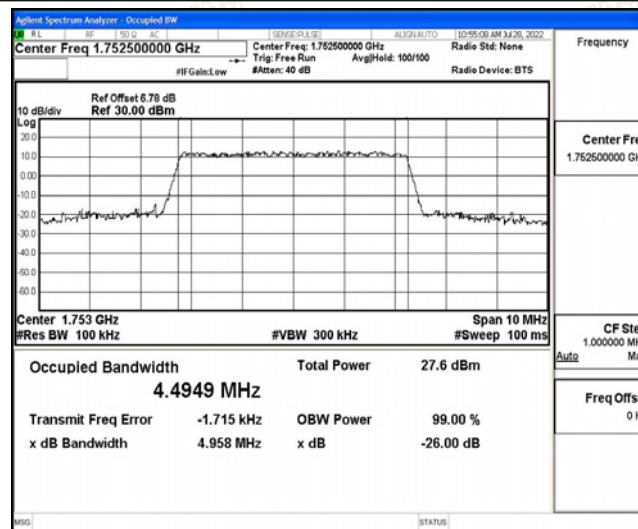


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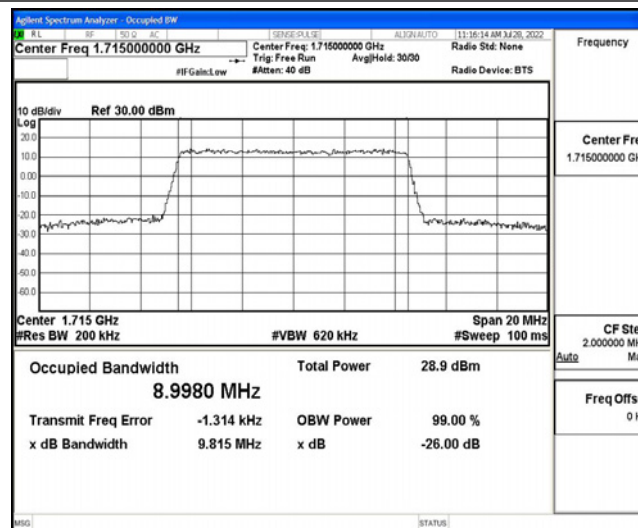


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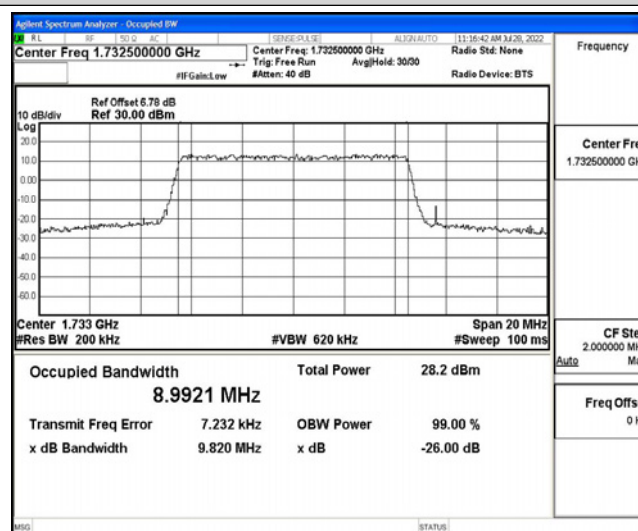




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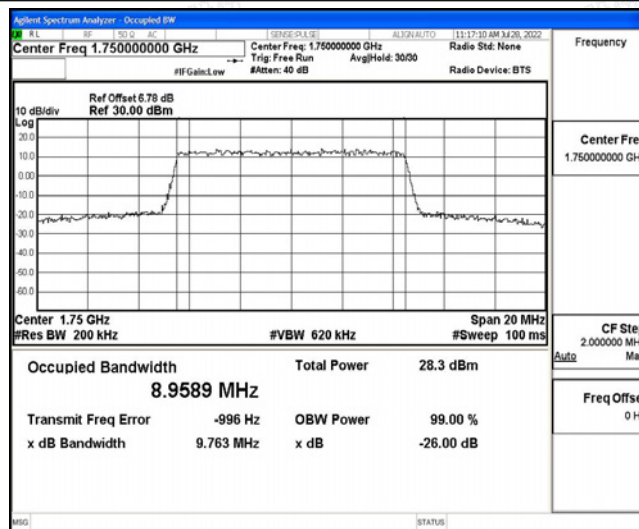


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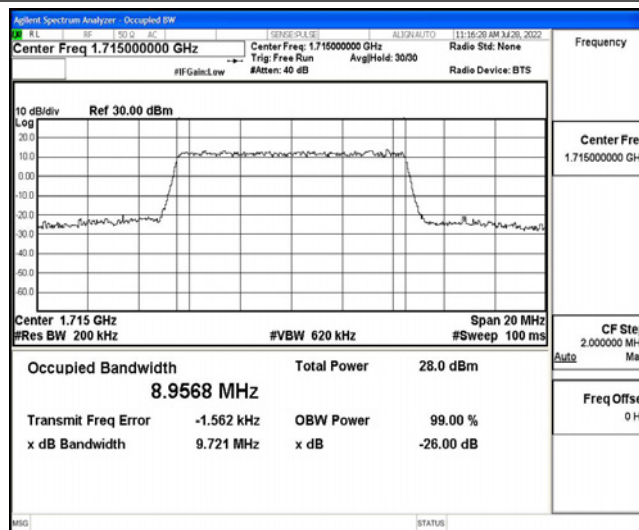


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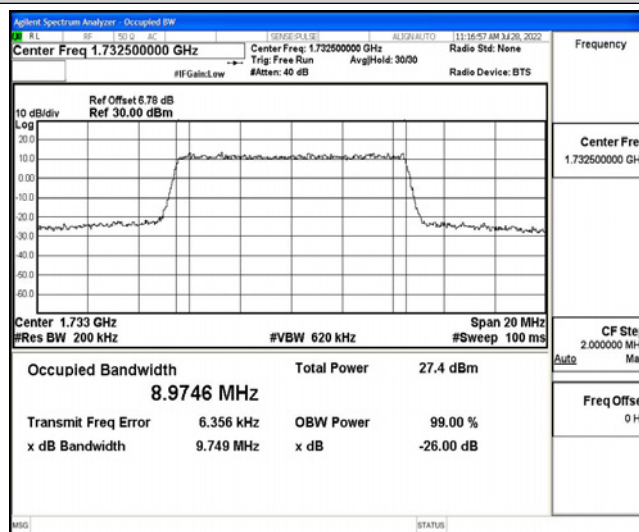




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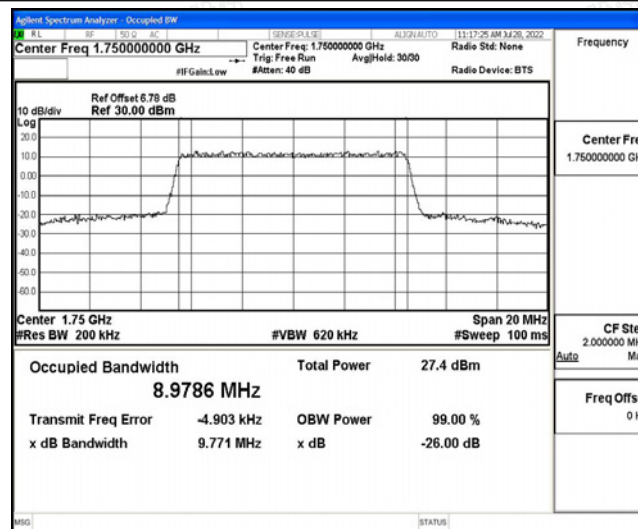


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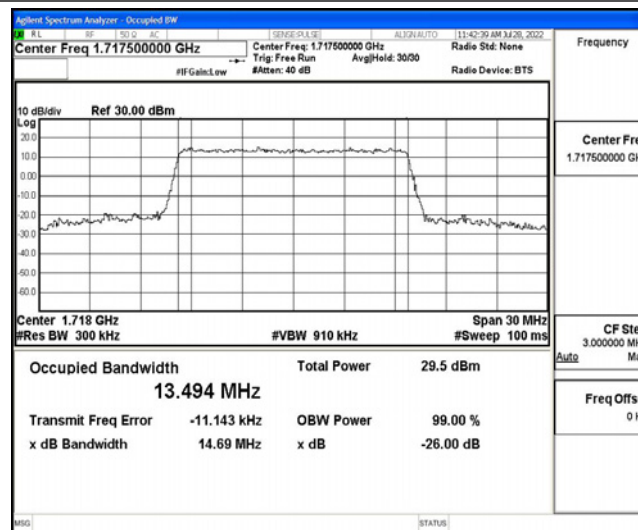


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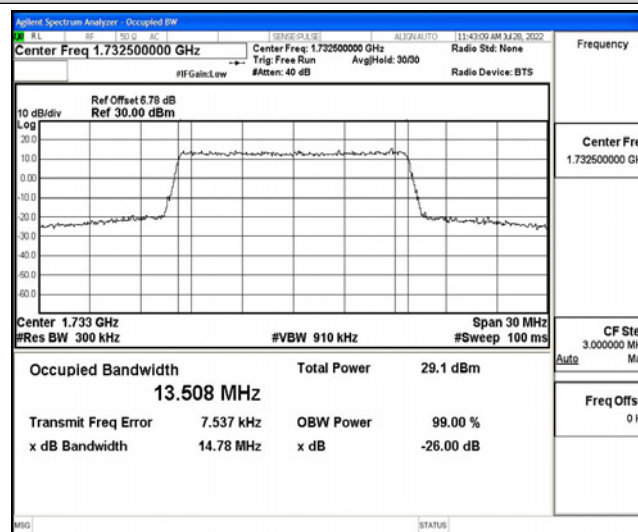




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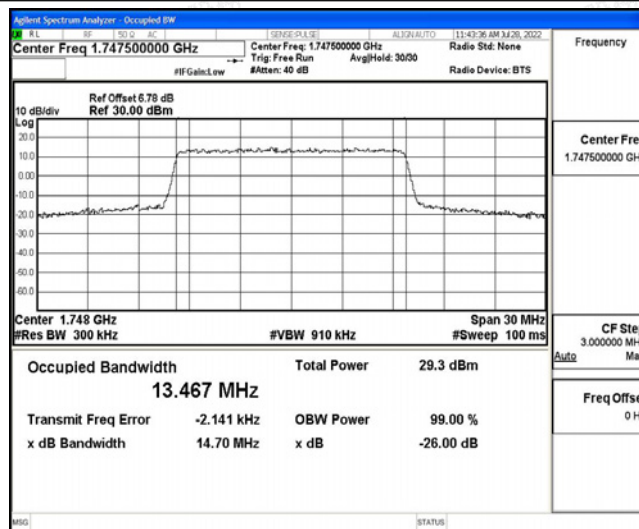


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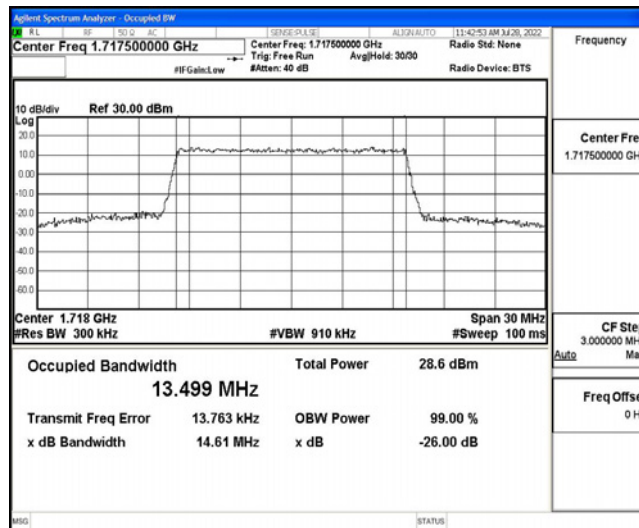


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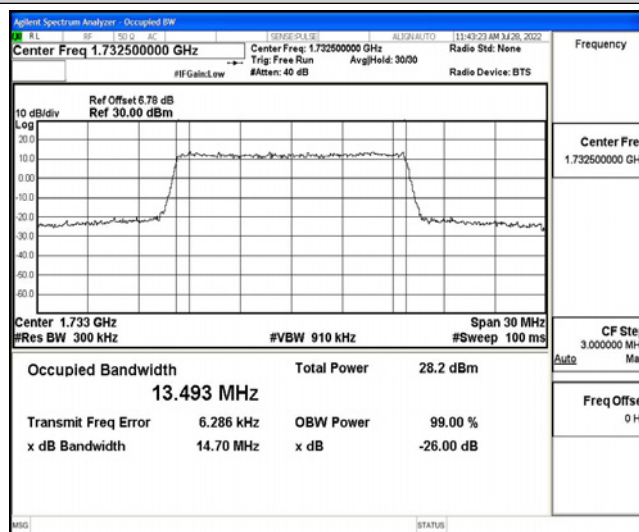




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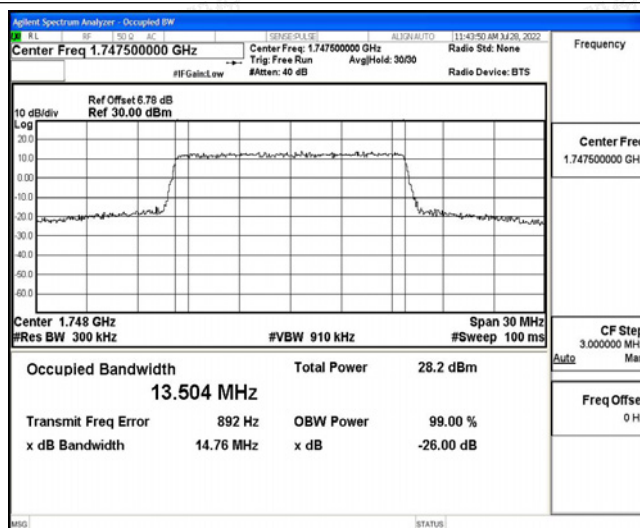


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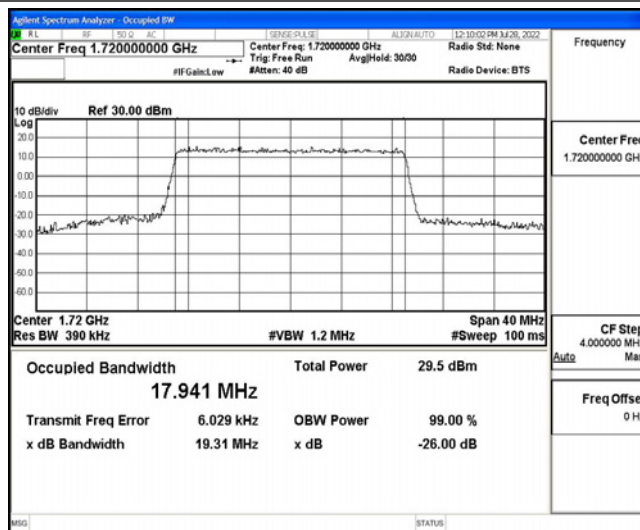


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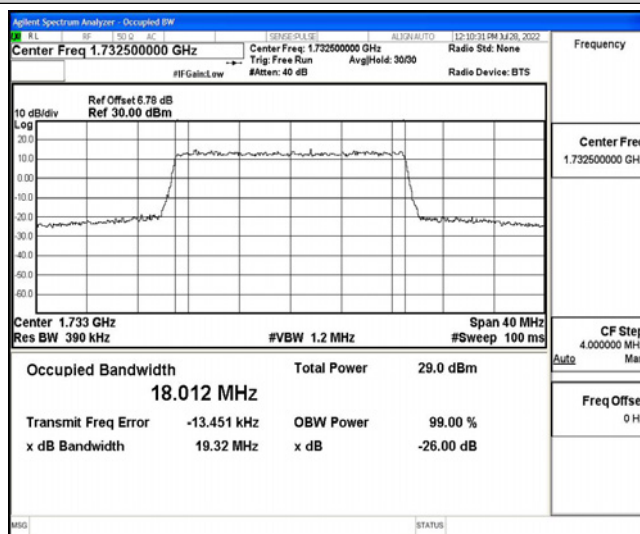




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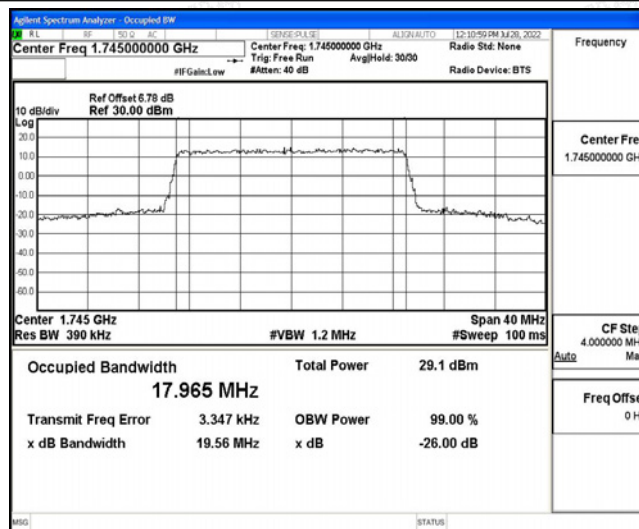


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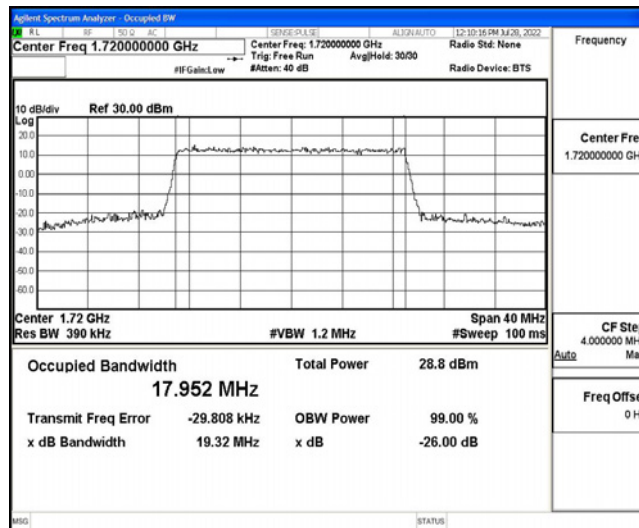


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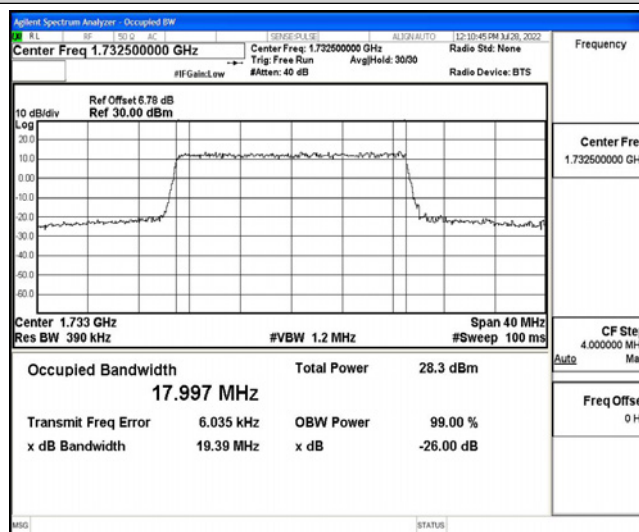




Band4-20MHz-16QAM-20050-100RB#0



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



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

