



**CTC Laboratories, Inc.**

2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755-27521059 Fax: +86-755-27521011 [Http://www.sz-ctc.org.cn](http://www.sz-ctc.org.cn)

---

## **Appendix for LTE band 25**

**Applicant: HONGKONG UCLOUDLINK NETWORK  
TECHNOLOGY LIMITED**

**Address: Suite 603, 6/F, Laws Commercial Plaza, 788  
Cheung Sha Wan Road, Kowloon, Hong Kong**

**Product Name: 5G Wireless Data Terminal**

**Model: GLMU21A01**

## TABLE OF CONTENTS

|                                                                   |           |
|-------------------------------------------------------------------|-----------|
| Appendix A: Effective (Isotropic) Radiated Power Output Data..... | 错误!未定义书签。 |
| Appendix B: Peak-to-Average Ratio(CCDF).....                      | 错误!未定义书签。 |
| Appendix C: 26dB Bandwidth and Occupied Bandwidth.....            | 错误!未定义书签。 |
| Appendix D: Band Edge .....                                       | 错误!未定义书签。 |
| Appendix E: Conducted Spurious Emission .....                     | 错误!未定义书签。 |
| Appendix F: Frequency Stability .....                             | 错误!未定义书签。 |

## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#0            | 23.42       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#2            | 23.56       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#5            | 23.46       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 3RB#0            | 23.35       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 3RB#1            | 23.36       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 3RB#3            | 23.43       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 6RB#0            | 22.46       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#0            | 23.40       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#2            | 23.44       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#5            | 23.32       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 3RB#0            | 23.61       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 3RB#1            | 23.55       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 3RB#3            | 23.56       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 6RB#0            | 22.59       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#0            | 23.45       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#2            | 23.57       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#5            | 23.51       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 3RB#0            | 23.57       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 3RB#1            | 23.57       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 3RB#3            | 23.57       | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 6RB#0            | 22.68       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#0            | 22.34       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#2            | 22.37       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#5            | 22.36       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 3RB#0            | 23.37       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 3RB#1            | 23.37       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 3RB#3            | 23.42       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 6RB#0            | 21.33       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#0            | 22.31       | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#2            | 22.42       | PASS    |

|        |        |       |       |        |       |      |
|--------|--------|-------|-------|--------|-------|------|
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#5  | 22.34 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#0  | 23.57 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#1  | 23.56 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 3RB#3  | 23.58 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0  | 21.59 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#0  | 22.51 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#2  | 22.68 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#5  | 22.50 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#0  | 23.58 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#1  | 23.60 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 3RB#3  | 23.60 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0  | 21.63 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#0  | 23.61 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#8  | 23.56 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 1RB#14 | 23.62 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#0  | 22.35 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#4  | 22.39 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 8RB#7  | 22.50 | PASS |
| Band25 | 3MHz   | QPSK  | 26055 | 15RB#0 | 22.59 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#0  | 24.90 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#8  | 23.57 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 1RB#14 | 23.65 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#0  | 23.59 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#4  | 22.36 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 8RB#7  | 22.43 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 15RB#0 | 22.67 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#0  | 23.59 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#8  | 23.69 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 1RB#14 | 23.67 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 8RB#0  | 22.72 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 8RB#4  | 22.73 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 8RB#7  | 22.81 | PASS |
| Band25 | 3MHz   | QPSK  | 26675 | 15RB#0 | 22.69 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#0  | 22.46 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#8  | 22.53 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 1RB#14 | 22.48 | PASS |
| Band25 | 3MHz   | 16QAM | 26055 | 8RB#0  | 22.47 | PASS |

|        |      |       |       |         |       |      |
|--------|------|-------|-------|---------|-------|------|
| Band25 | 3MHz | 16QAM | 26055 | 8RB#4   | 22.47 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 8RB#7   | 22.41 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 15RB#0  | 21.53 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#0   | 23.95 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#8   | 22.46 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#14  | 22.51 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#0   | 22.69 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#4   | 22.52 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 8RB#7   | 22.70 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 15RB#0  | 21.61 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#0   | 22.73 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#8   | 22.75 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#14  | 22.69 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#0   | 22.71 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#4   | 22.85 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 8RB#7   | 22.75 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0  | 21.81 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#0   | 23.52 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#12  | 23.52 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 1RB#24  | 23.61 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#0  | 22.60 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#6  | 22.62 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 12RB#13 | 22.63 | PASS |
| Band25 | 5MHz | QPSK  | 26065 | 25RB#0  | 22.63 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#0   | 23.73 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#12  | 23.67 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 1RB#24  | 23.62 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#0  | 22.73 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#6  | 22.73 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 12RB#13 | 22.71 | PASS |
| Band25 | 5MHz | QPSK  | 26365 | 25RB#0  | 22.74 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#0   | 23.72 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#12  | 23.79 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 1RB#24  | 23.78 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 12RB#0  | 22.86 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 12RB#6  | 22.84 | PASS |
| Band25 | 5MHz | QPSK  | 26665 | 12RB#13 | 22.84 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band25 | 5MHz  | QPSK  | 26665 | 25RB#0  | 22.91 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#0   | 22.74 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#12  | 22.72 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#24  | 22.76 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 12RB#0  | 22.61 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 12RB#6  | 22.60 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 12RB#13 | 22.64 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 25RB#0  | 21.61 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#0   | 22.67 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#12  | 22.60 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#24  | 22.69 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 12RB#0  | 22.74 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 12RB#6  | 22.75 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 12RB#13 | 22.68 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 25RB#0  | 21.79 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#0   | 22.59 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#12  | 22.89 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#24  | 22.75 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#0  | 22.83 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#6  | 22.84 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 12RB#13 | 22.89 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 25RB#0  | 21.82 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#0   | 23.47 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#24  | 25.18 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#49  | 24.90 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#0  | 22.84 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#12 | 24.35 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 25RB#25 | 22.61 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 50RB#0  | 23.72 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#0   | 23.52 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#24  | 23.62 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#49  | 23.62 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#0  | 22.77 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#12 | 22.77 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 25RB#25 | 22.71 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 50RB#0  | 22.80 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#0   | 24.09 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band25 | 10MHz | QPSK  | 26640 | 1RB#24  | 23.61 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#49  | 23.66 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 25RB#0  | 22.79 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 25RB#12 | 22.78 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 25RB#25 | 22.77 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 50RB#0  | 22.81 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0   | 22.42 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#24  | 23.47 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#49  | 24.61 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#0  | 22.81 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#12 | 24.97 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 25RB#25 | 22.62 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0  | 22.79 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#0   | 22.53 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#24  | 22.69 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#49  | 22.64 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#0  | 22.77 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#12 | 22.76 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 25RB#25 | 22.70 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0  | 21.81 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0   | 23.29 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#24  | 22.66 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#49  | 22.97 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#0  | 22.80 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#12 | 22.79 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 25RB#25 | 22.79 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0  | 21.86 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#0   | 24.95 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#38  | 23.36 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#74  | 25.59 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#0  | 24.93 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#18 | 22.63 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 38RB#37 | 24.77 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 75RB#0  | 23.95 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#0   | 23.37 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#38  | 23.30 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#74  | 23.38 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band25 | 15MHz | QPSK  | 26365 | 38RB#0  | 22.32 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 38RB#18 | 22.20 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 38RB#37 | 22.24 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 75RB#0  | 22.55 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#0   | 23.48 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#38  | 23.42 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#74  | 23.48 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#0  | 22.62 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#18 | 22.70 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 38RB#37 | 22.57 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 75RB#0  | 22.65 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0   | 25.05 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#38  | 22.55 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#74  | 24.87 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#0  | 24.04 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#18 | 22.49 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 38RB#37 | 24.70 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0  | 24.28 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#0   | 22.31 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#38  | 22.23 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#74  | 22.27 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#0  | 22.33 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#18 | 22.22 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 38RB#37 | 22.24 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0  | 21.64 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0   | 22.64 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#38  | 22.69 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#74  | 22.66 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#0  | 22.62 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#18 | 22.74 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 38RB#37 | 22.65 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0  | 21.65 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#0   | 24.79 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#49  | 23.41 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#99  | 23.97 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 50RB#0  | 22.55 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 50RB#25 | 22.54 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band25 | 20MHz | QPSK  | 26140 | 50RB#50 | 22.48 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 100RB#0 | 22.47 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#0   | 23.36 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#49  | 23.41 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#99  | 25.66 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 50RB#0  | 22.60 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 50RB#25 | 22.58 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 50RB#50 | 22.59 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 100RB#0 | 22.62 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#0   | 23.53 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#49  | 24.06 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#99  | 23.56 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 50RB#0  | 22.69 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 50RB#25 | 22.67 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 50RB#50 | 22.74 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 100RB#0 | 22.70 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#0   | 23.05 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#49  | 22.58 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#99  | 22.67 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 50RB#0  | 22.55 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 50RB#25 | 22.52 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 50RB#50 | 22.52 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 21.49 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#0   | 22.29 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#49  | 22.30 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#99  | 24.79 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 50RB#0  | 22.63 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 50RB#25 | 22.61 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 50RB#50 | 22.60 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 21.65 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#0   | 22.54 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#49  | 23.76 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#99  | 22.51 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 50RB#0  | 22.69 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 50RB#25 | 22.69 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 50RB#50 | 22.74 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 21.73 | PASS |



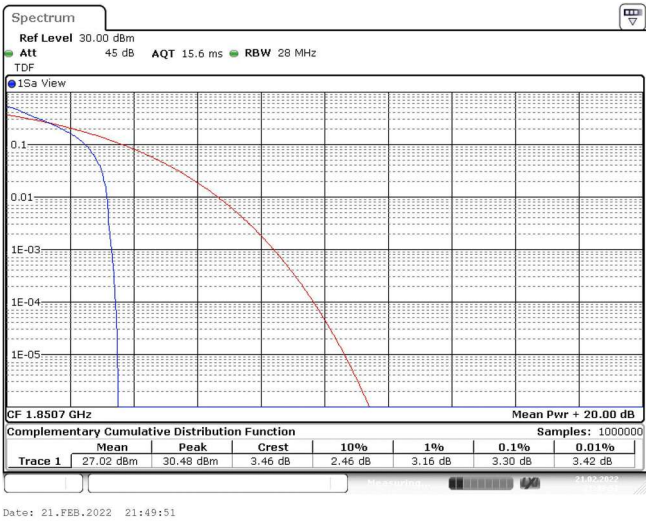
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

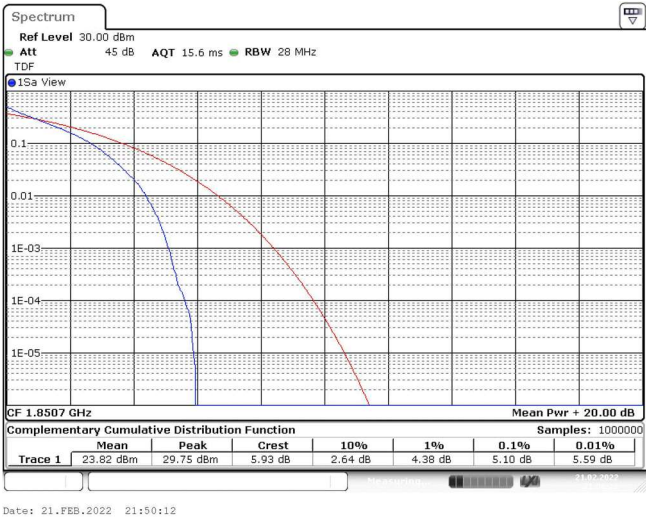
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#0            | 3.30       | 13        | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 6RB#0            | 5.10       | 13        | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#0            | 3.22       | 13        | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 6RB#0            | 4.23       | 13        | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#0            | 3.48       | 13        | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 6RB#0            | 4.64       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#0            | 5.51       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 6RB#0            | 5.97       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#0            | 4.70       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 6RB#0            | 5.25       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#0            | 4.96       | 13        | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 6RB#0            | 5.51       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 1RB#0            | 3.54       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 15RB#0           | 5.01       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26365   | 1RB#0            | 2.55       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26365   | 15RB#0           | 4.09       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26675   | 1RB#0            | 3.07       | 13        | PASS    |
| Band25 | 3MHz      | QPSK       | 26675   | 15RB#0           | 4.52       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26055   | 1RB#0            | 5.25       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26055   | 15RB#0           | 5.88       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26365   | 1RB#0            | 4.84       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26365   | 15RB#0           | 5.01       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26675   | 1RB#0            | 4.58       | 13        | PASS    |
| Band25 | 3MHz      | 16QAM      | 26675   | 15RB#0           | 5.39       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26065   | 1RB#0            | 3.51       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26065   | 25RB#0           | 5.10       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26365   | 1RB#0            | 2.99       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26365   | 25RB#0           | 4.14       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26665   | 1RB#0            | 2.87       | 13        | PASS    |
| Band25 | 5MHz      | QPSK       | 26665   | 25RB#0           | 4.46       | 13        | PASS    |
| Band25 | 5MHz      | 16QAM      | 26065   | 1RB#0            | 5.22       | 13        | PASS    |
| Band25 | 5MHz      | 16QAM      | 26065   | 25RB#0           | 5.86       | 13        | PASS    |
| Band25 | 5MHz      | 16QAM      | 26365   | 1RB#0            | 4.29       | 13        | PASS    |
| Band25 | 5MHz      | 16QAM      | 26365   | 25RB#0           | 4.99       | 13        | PASS    |
| Band25 | 5MHz      | 16QAM      | 26665   | 1RB#0            | 4.29       | 13        | PASS    |

|        |       |       |       |         |      |    |      |
|--------|-------|-------|-------|---------|------|----|------|
| Band25 | 5MHz  | 16QAM | 26665 | 25RB#0  | 5.28 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#0   | 2.93 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 50RB#0  | 5.13 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#0   | 2.93 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 50RB#0  | 4.20 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#0   | 2.49 | 13 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 50RB#0  | 4.32 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0   | 5.07 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0  | 5.91 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#0   | 4.46 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0  | 5.07 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0   | 3.59 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0  | 5.19 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#0   | 2.99 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 75RB#0  | 5.19 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#0   | 3.07 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 75RB#0  | 4.43 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#0   | 3.19 | 13 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 75RB#0  | 4.61 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0   | 5.19 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0  | 5.91 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#0   | 4.49 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0  | 5.25 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0   | 4.90 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0  | 5.42 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#0   | 3.01 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 100RB#0 | 4.72 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#0   | 3.10 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 100RB#0 | 4.35 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#0   | 3.30 | 13 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 100RB#0 | 4.61 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#0   | 4.32 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 5.59 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#0   | 4.70 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 5.25 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#0   | 5.13 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 5.45 | 13 | PASS |

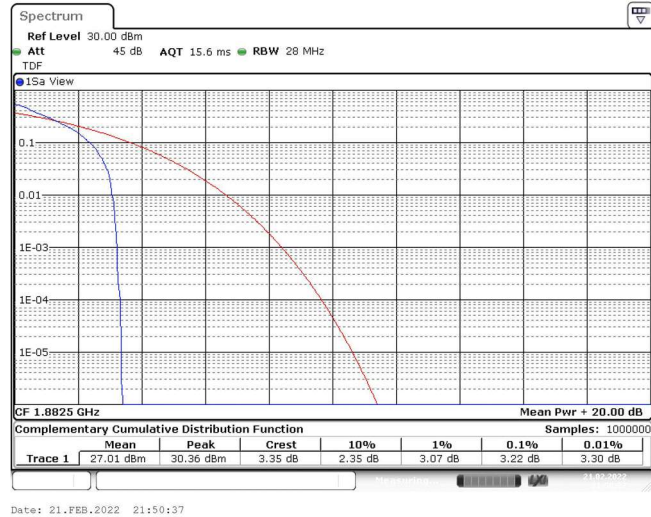
# Test Graphs



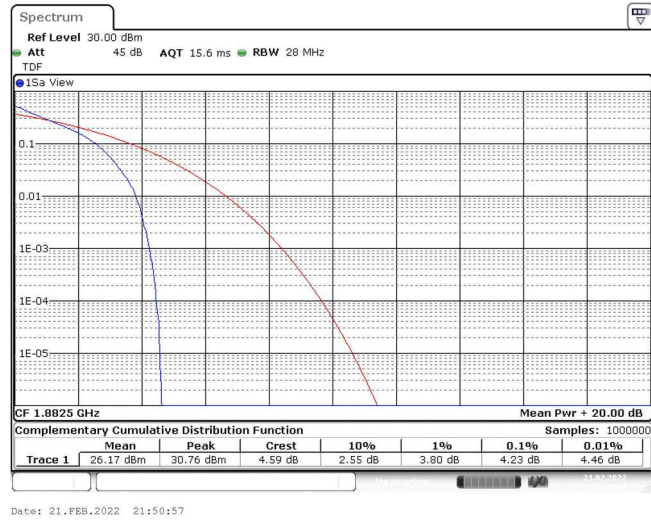
Band25-1.4MHz-QPSK-26047-1RB#0



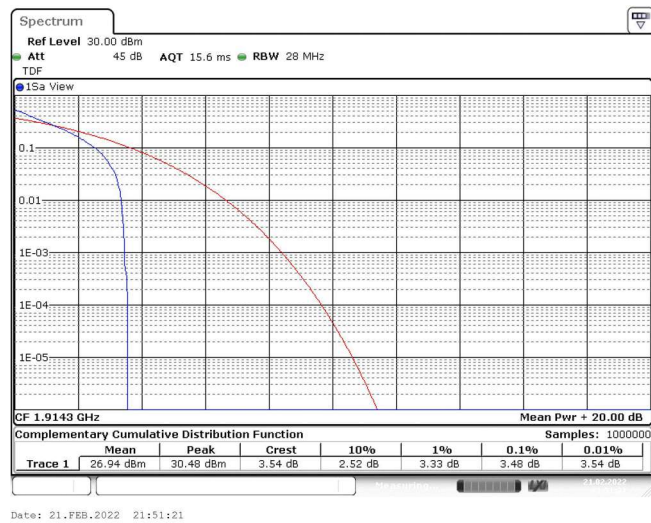
Band25-1.4MHz-QPSK-26047-6RB#0



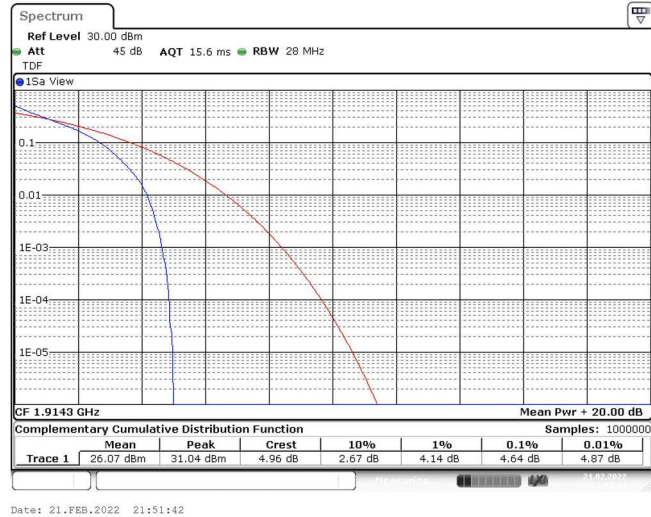
### Band25-1.4MHz-QPSK-26365-1RB#0



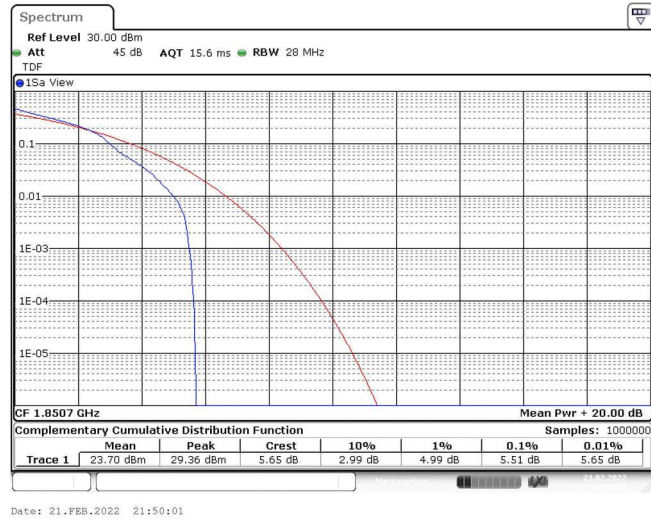
### Band25-1.4MHz-QPSK-26365-6RB#0



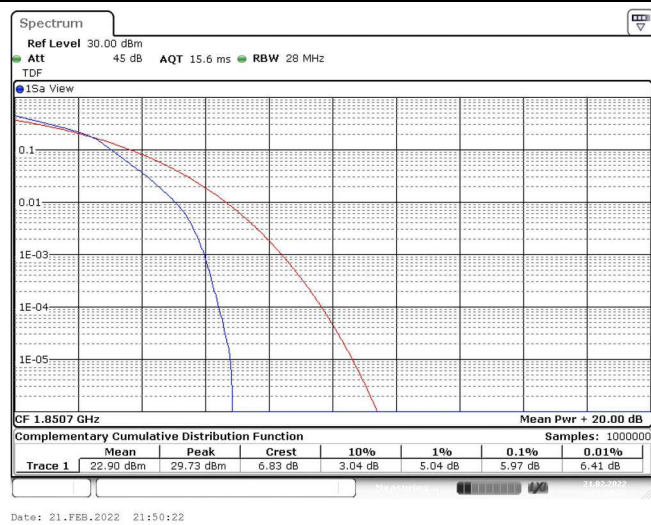
### Band25-1.4MHz-QPSK-26683-1RB#0



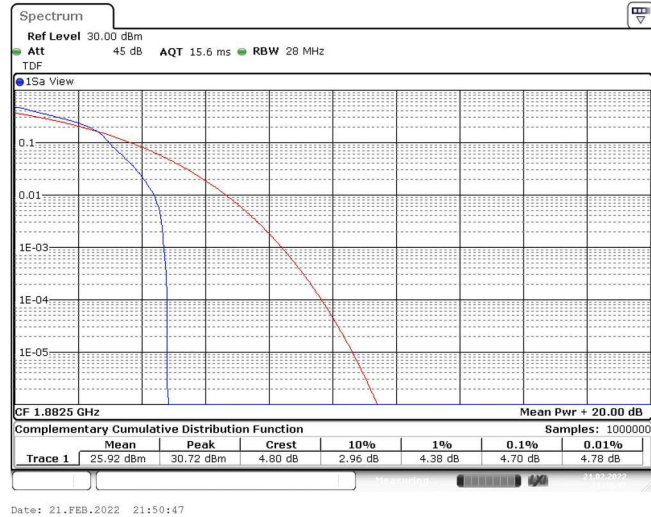
### Band25-1.4MHz-QPSK-26683-6RB#0



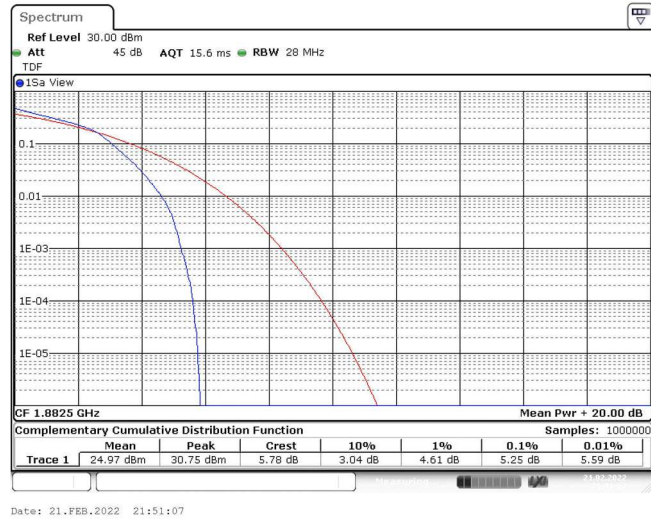
### Band25-1.4MHz-16QAM-26047-1RB#0



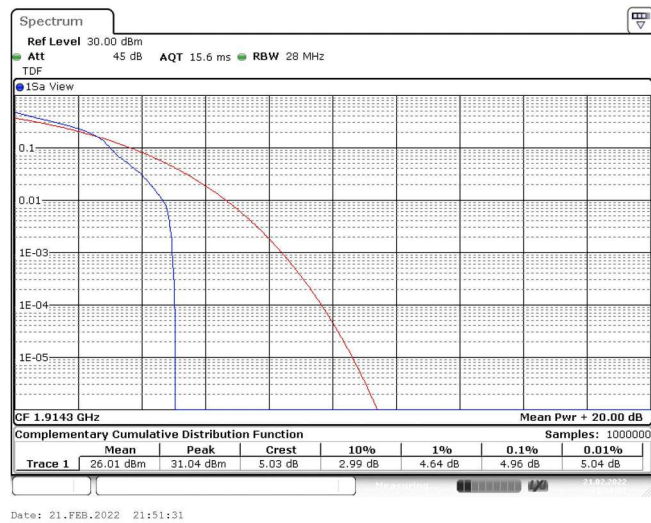
### Band25-1.4MHz-16QAM-26047-6RB#0



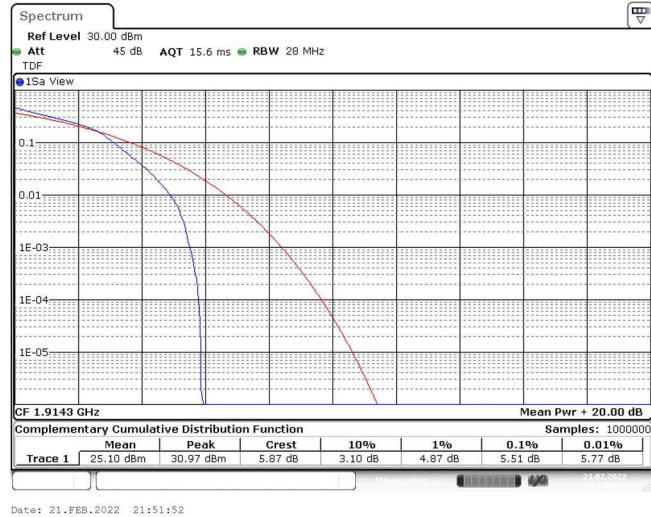
Band25-1.4MHz-16QAM-26365-1RB#0



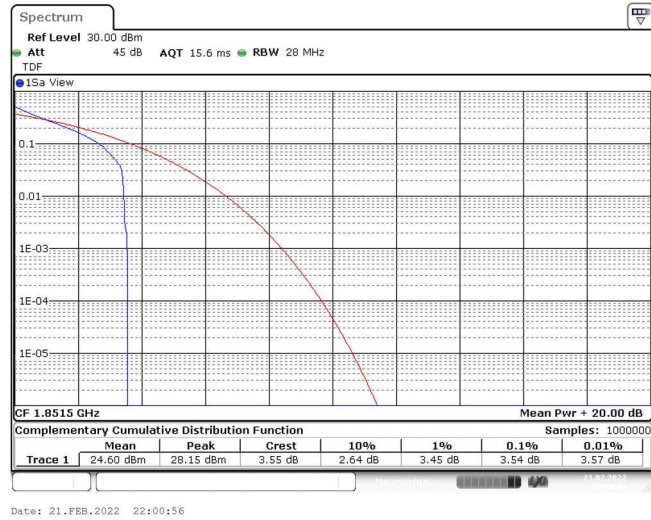
Band25-1.4MHz-16QAM-26365-6RB#0



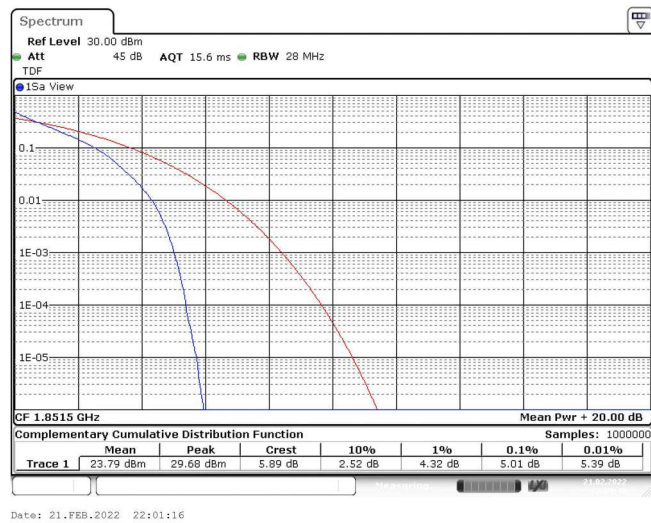
Band25-1.4MHz-16QAM-26683-1RB#0



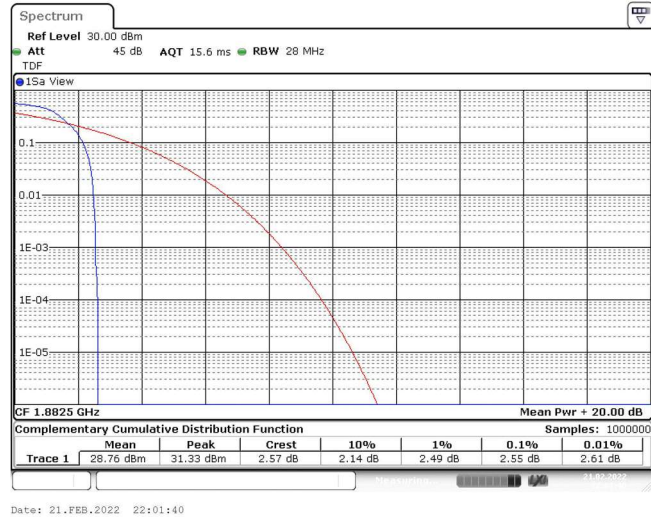
Band25-1.4MHz-16QAM-26683-6RB#0



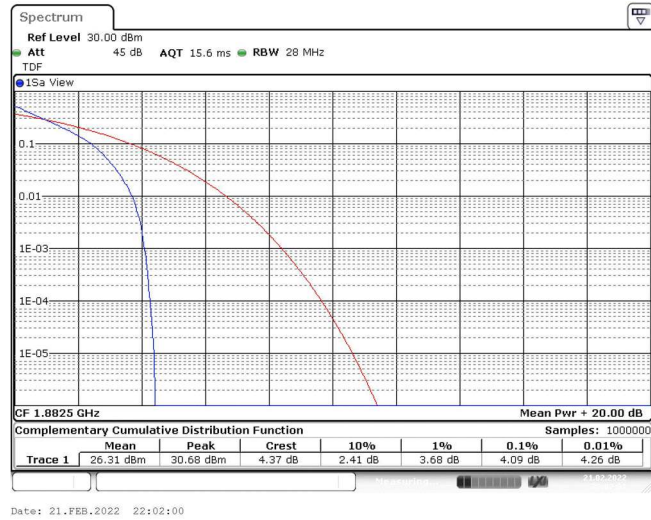
Band25-3MHz-QPSK-26055-1RB#0



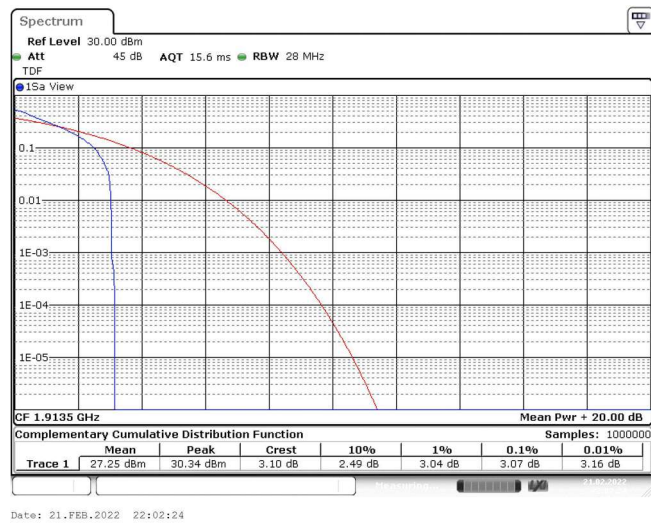
Band25-3MHz-QPSK-26055-15RB#0



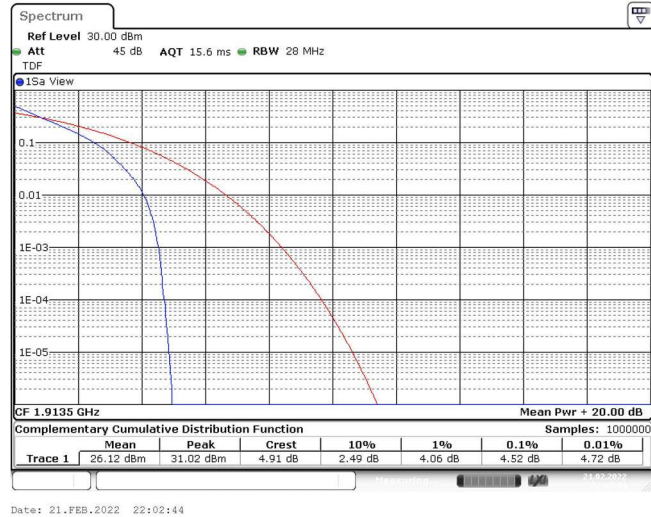
Band25-3MHz-QPSK-26365-1RB#0



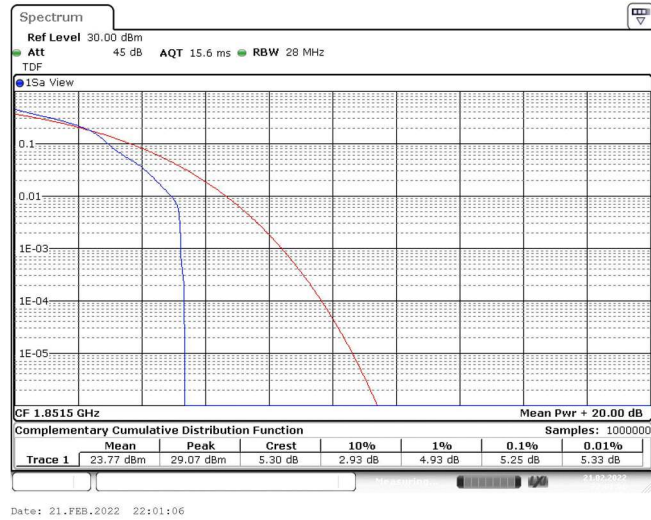
Band25-3MHz-QPSK-26365-15RB#0



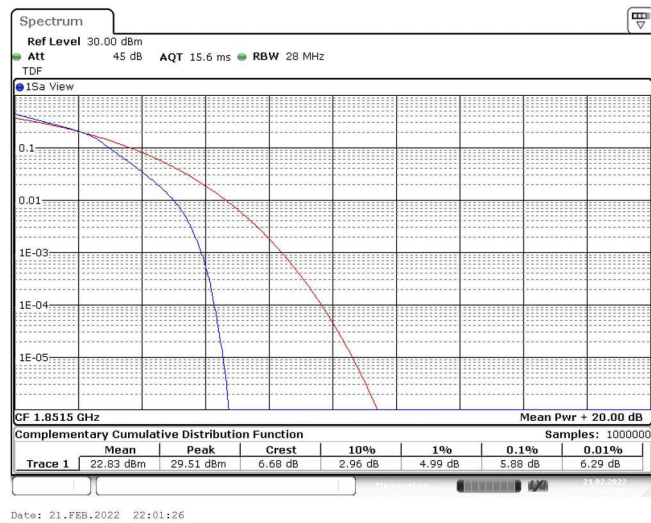
Band25-3MHz-QPSK-26675-1RB#0



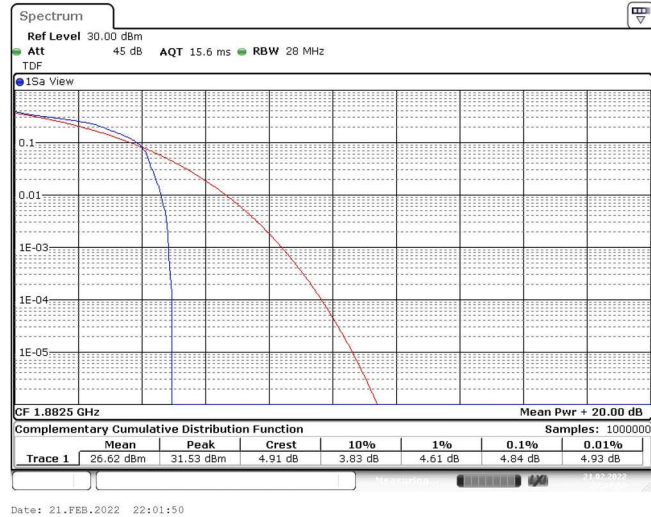
### Band25-3MHz-QPSK-26675-15RB#0



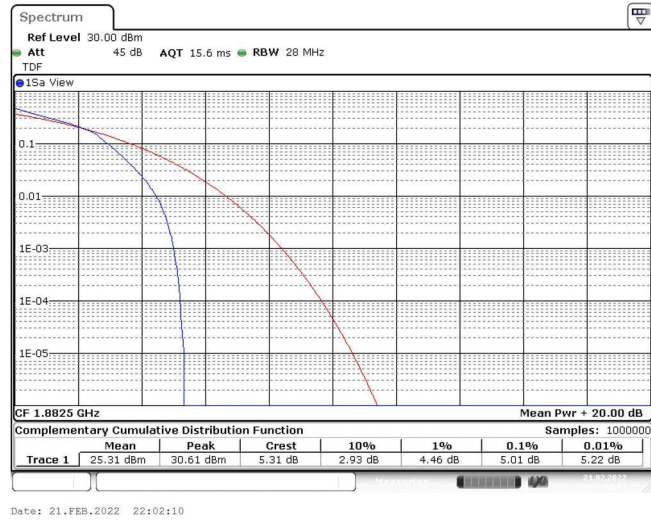
### Band25-3MHz-16QAM-26055-1RB#0



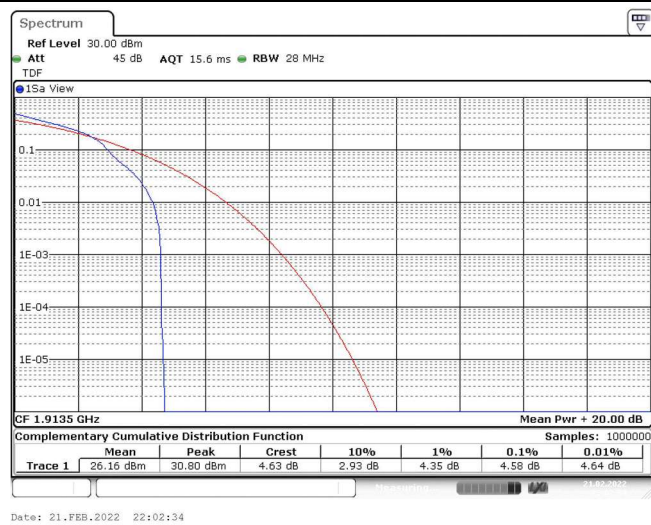
### Band25-3MHz-16QAM-26055-15RB#0



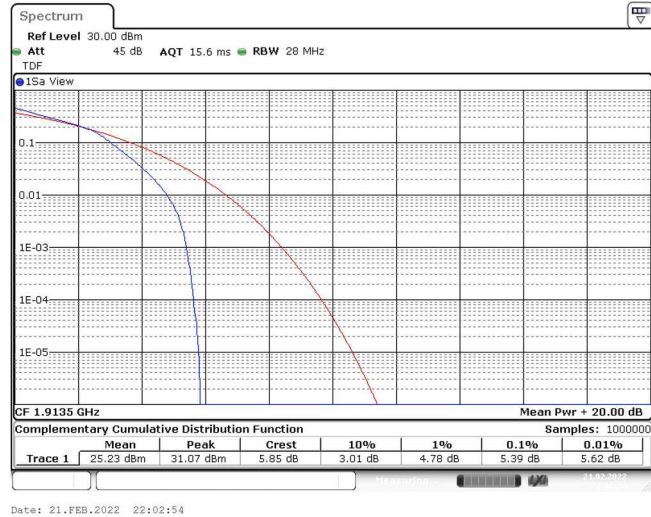
### Band25-3MHz-16QAM-26365-1RB#0



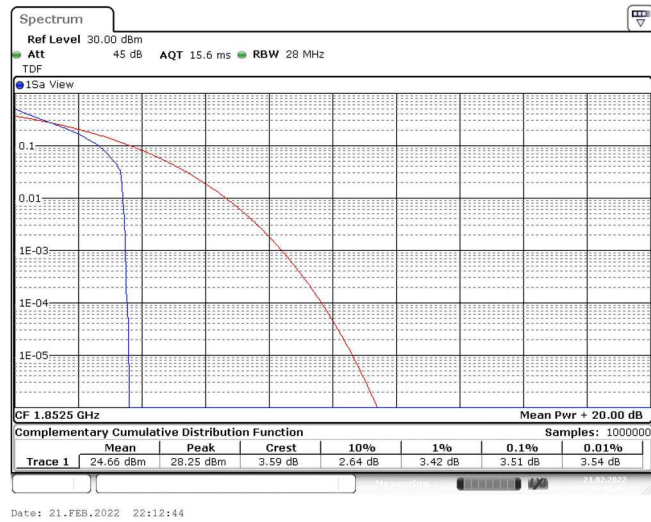
### Band25-3MHz-16QAM-26365-15RB#0



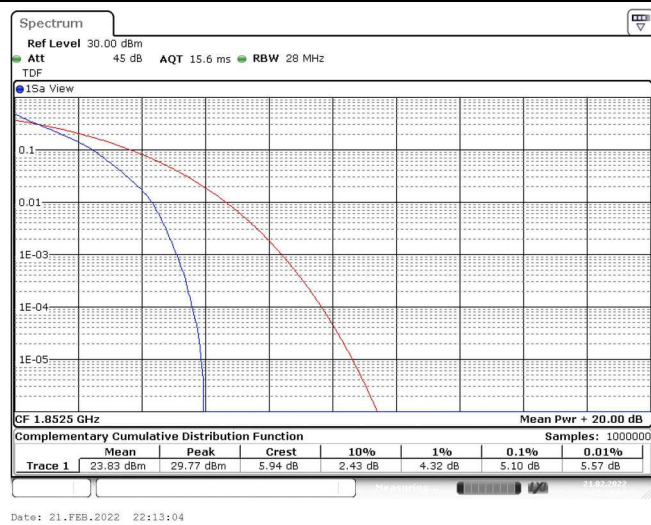
### Band25-3MHz-16QAM-26675-1RB#0



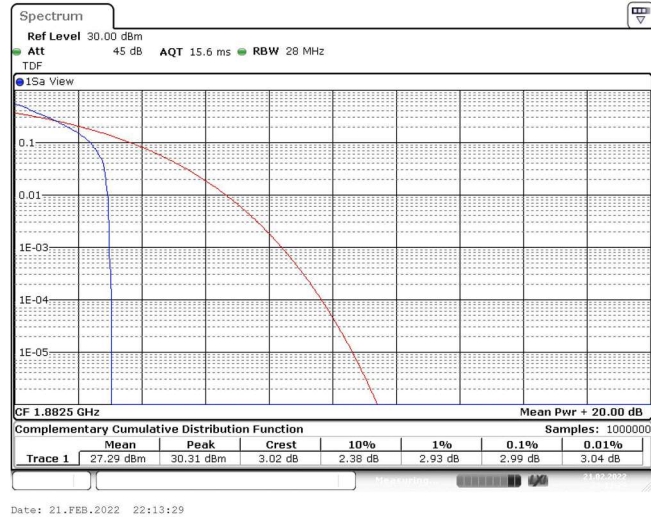
Band25-3MHz-16QAM-26675-15RB#0



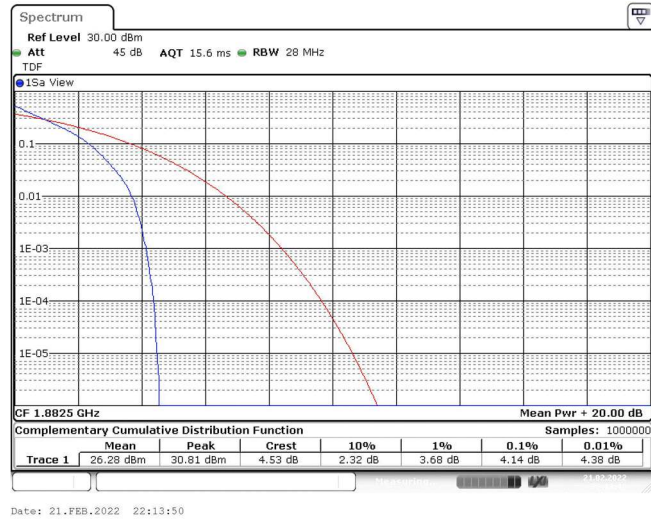
Band25-5MHz-QPSK-26065-1RB#0



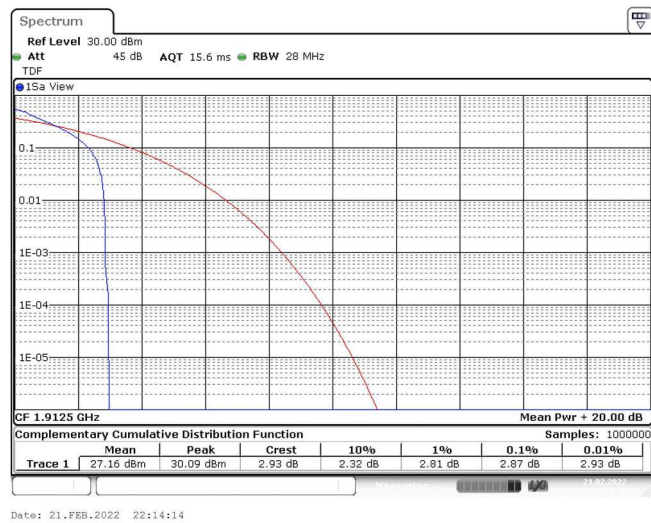
Band25-5MHz-QPSK-26065-25RB#0



Band25-5MHz-QPSK-26365-1RB#0



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



Band25-5MHz-QPSK-26665-1RB#0