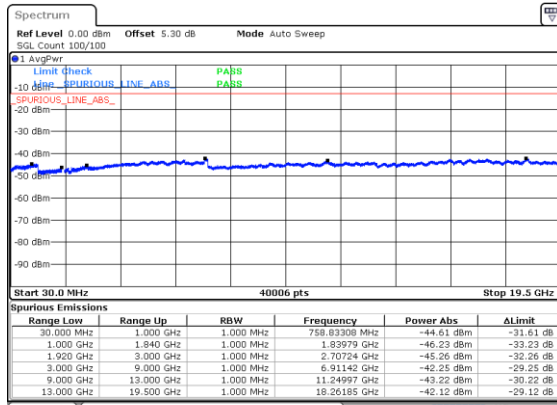




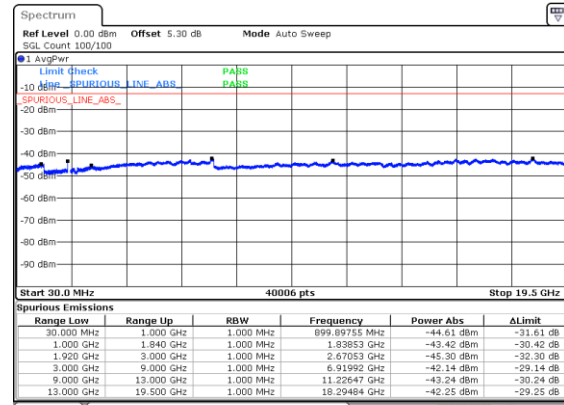
# Conducted Spurious Emission

## EN-DC\_5A\_n2A / LTE 10MHz + NR 5MHz

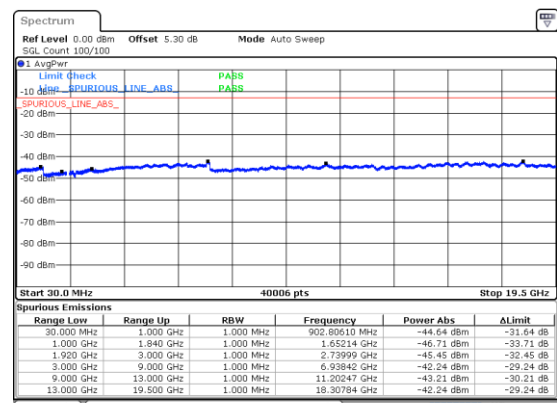
### Lowest Channel / BPSK



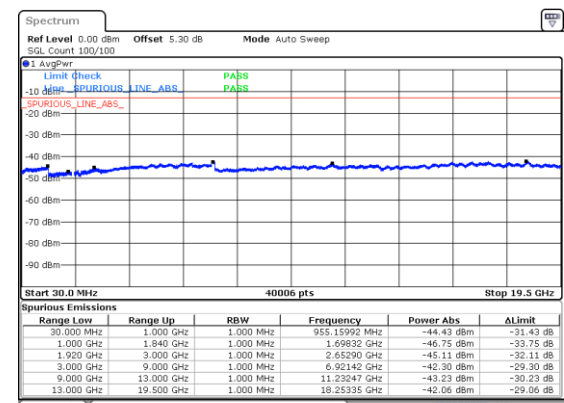
### Lowest Channel / QPSK



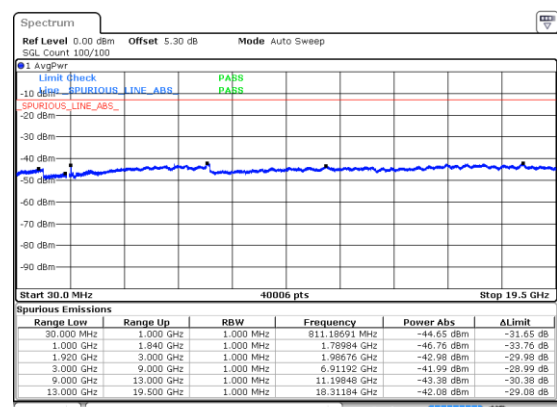
### Middle Channel / BPSK



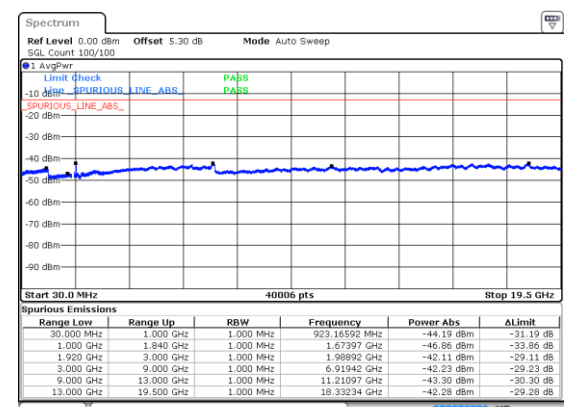
### Middle Channel / QPSK



### Highest Channel / BPSK



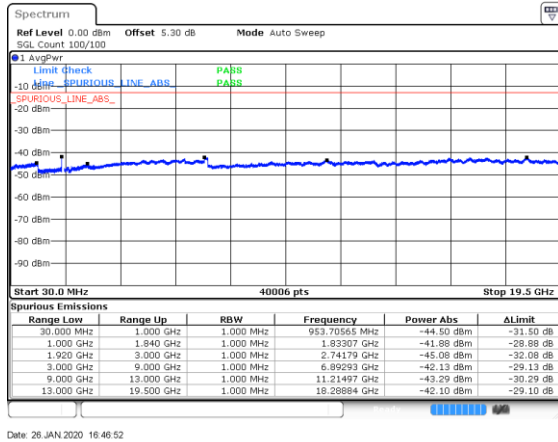
### Highest Channel / QPSK



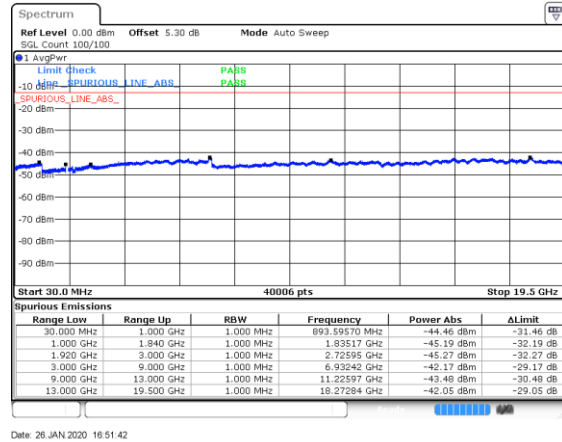


## EN-DC\_5A\_n2A / LTE 10MHz + NR 10MHz

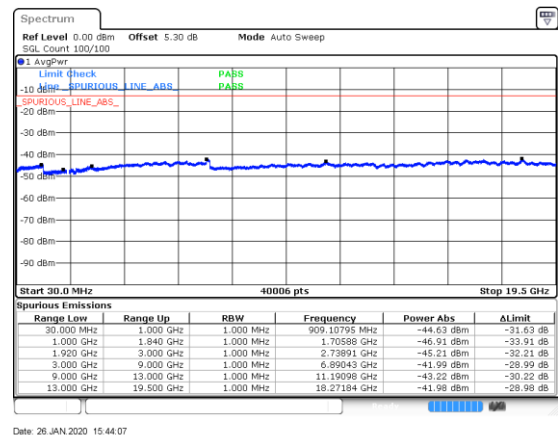
## Lowest Channel / BPSK



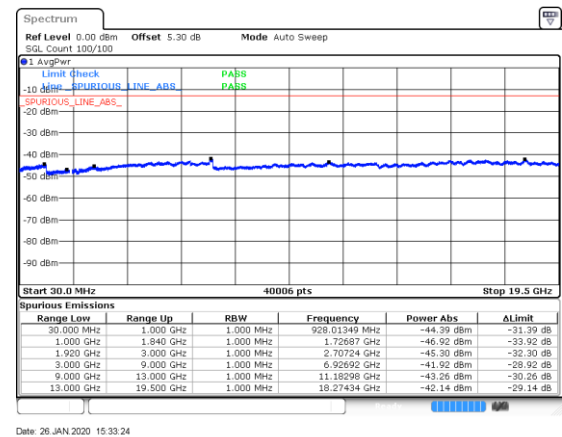
## Lowest Channel / QPSK



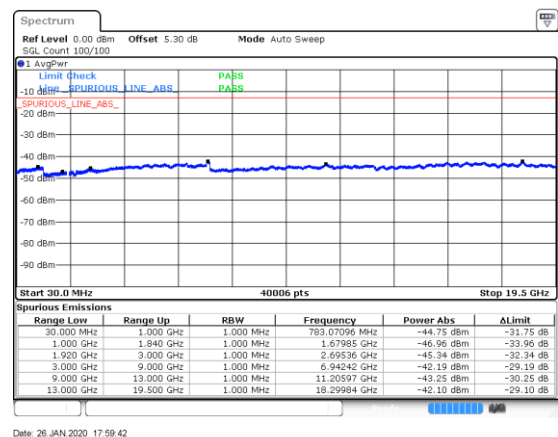
## Middle Channel / BPSK



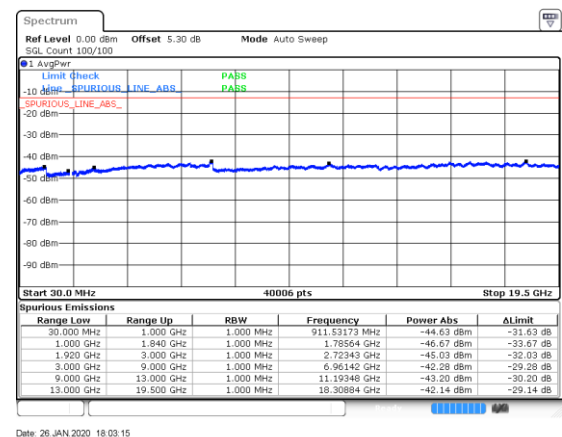
## Middle Channel / QPSK



## Highest Channel / BPSK



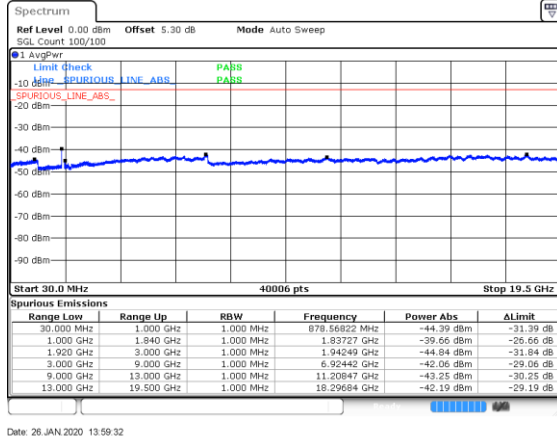
## Highest Channel / QPSK



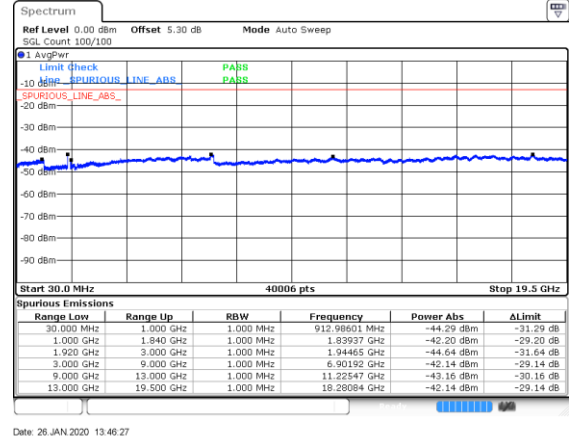


## EN-DC\_5A\_n2A / LTE 10MHz + NR 20MHz

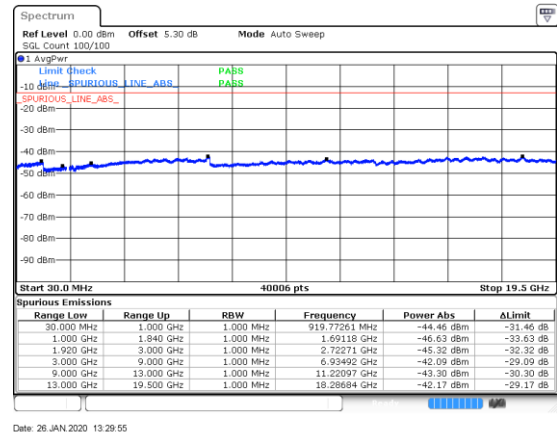
## Lowest Channel / BPSK



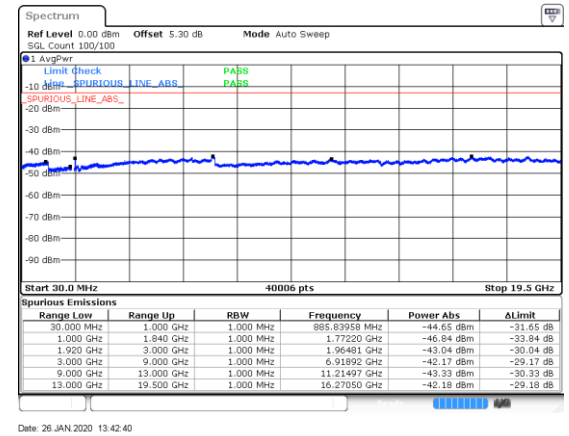
## Lowest Channel / QPSK



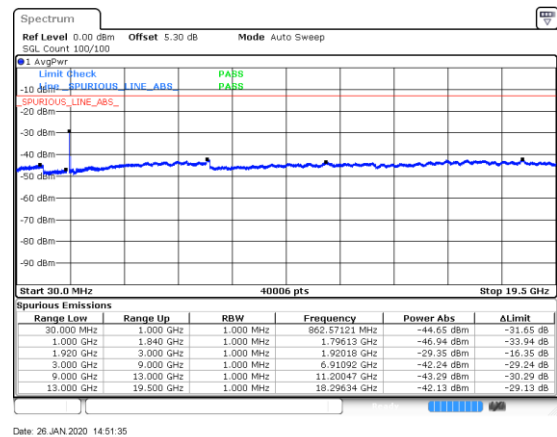
## Middle Channel / BPSK



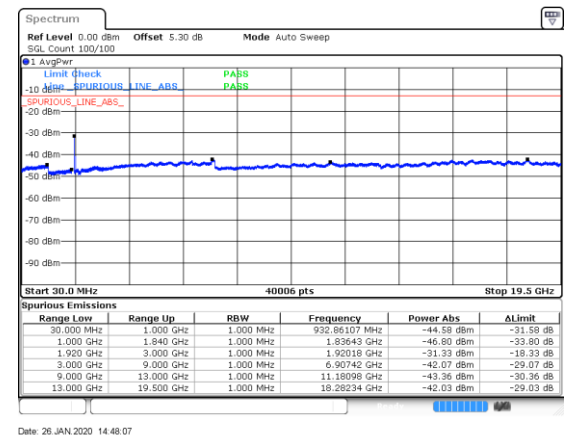
## Middle Channel / QPSK



## Highest Channel / BPSK



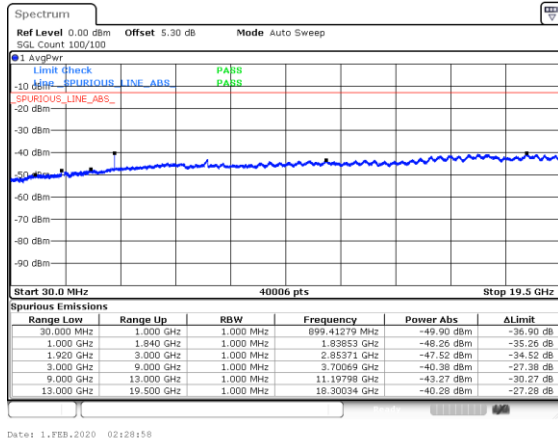
## Highest Channel / QPSK



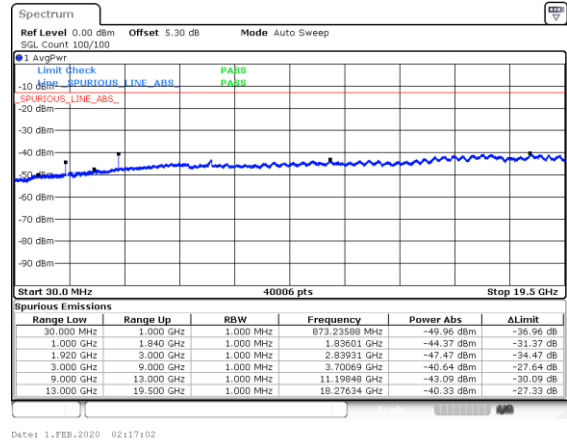


## EN-DC\_12A\_n2A / LTE 10MHz + NR 5MHz

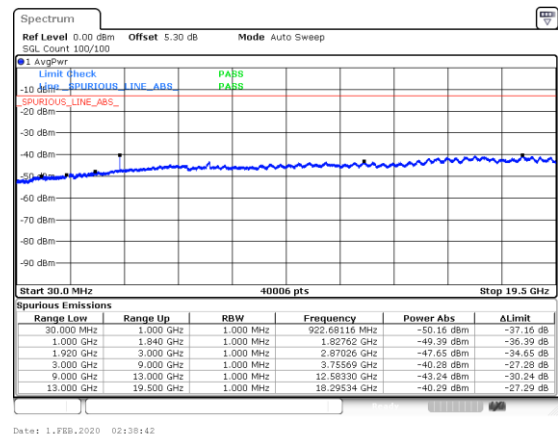
## Lowest Channel / BPSK



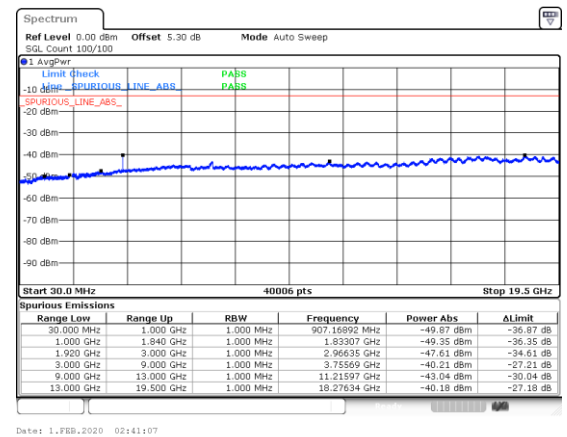
## Lowest Channel / QPSK



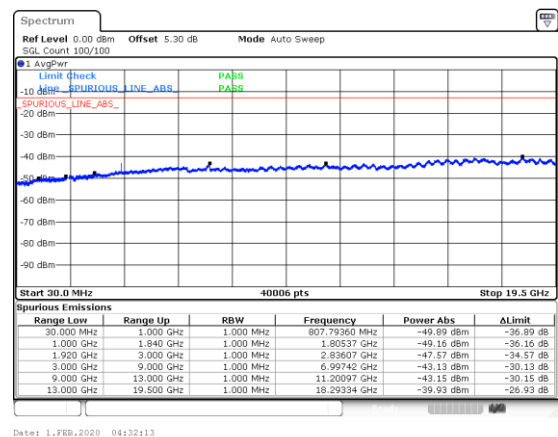
## Middle Channel / BPSK



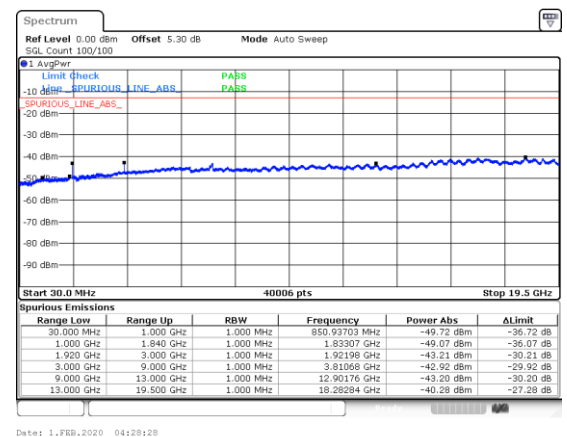
## Middle Channel / QPSK



## Highest Channel / BPSK



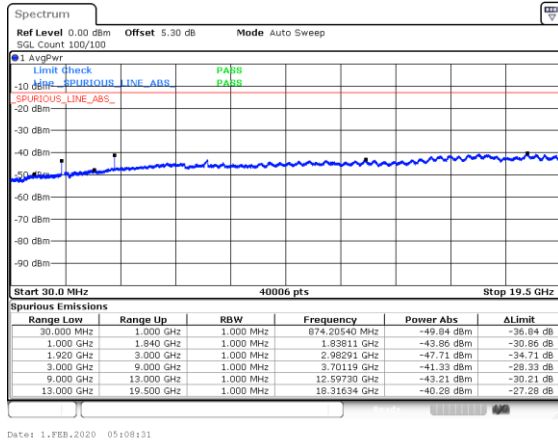
## Highest Channel / QPSK



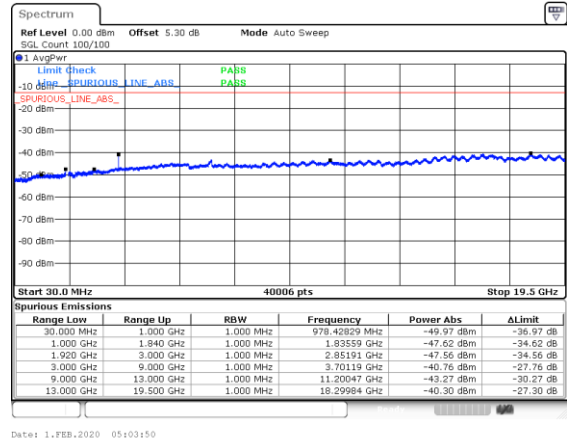


## EN-DC\_12A\_n2A / LTE 10MHz + NR 10MHz

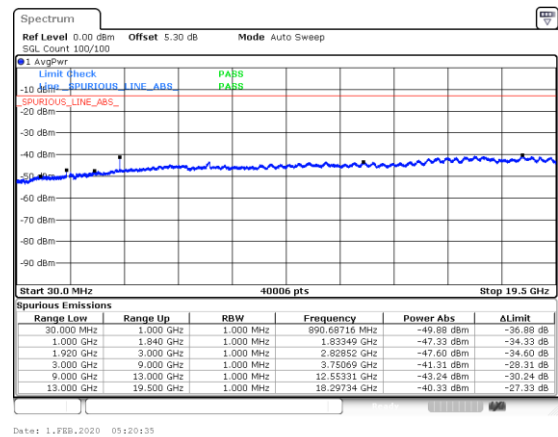
## Lowest Channel / BPSK



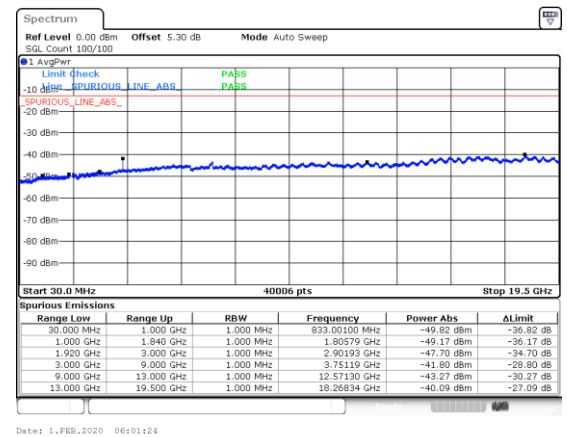
## Lowest Channel / QPSK



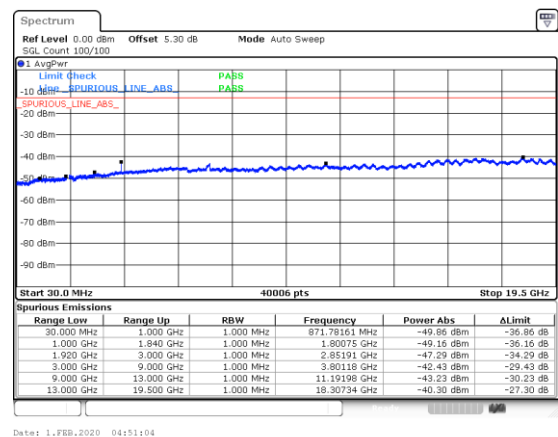
## Middle Channel / BPSK



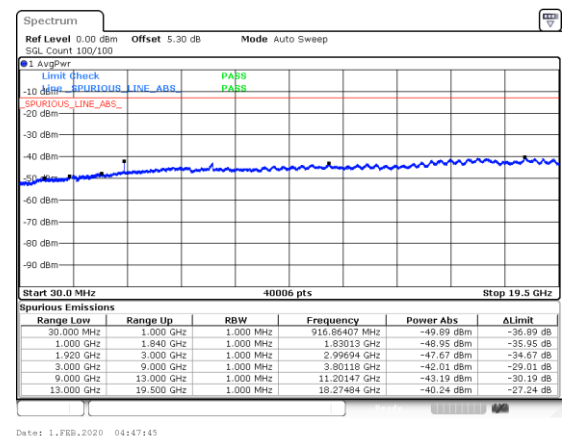
## Middle Channel / QPSK



## Highest Channel / BPSK



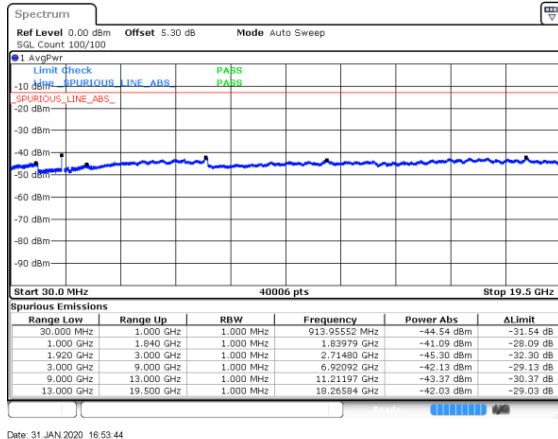
## Highest Channel / QPSK



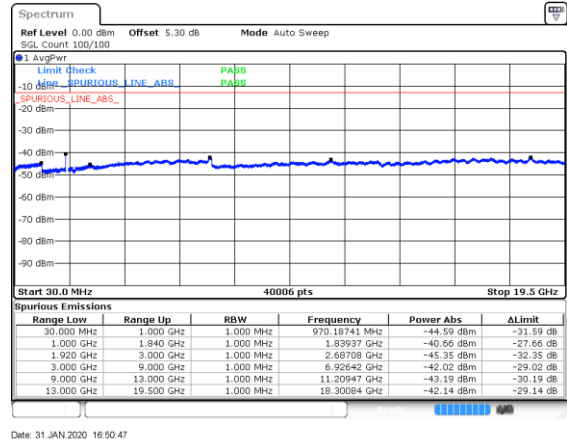


## EN-DC\_12A\_n2A / LTE 10MHz + NR 20MHz

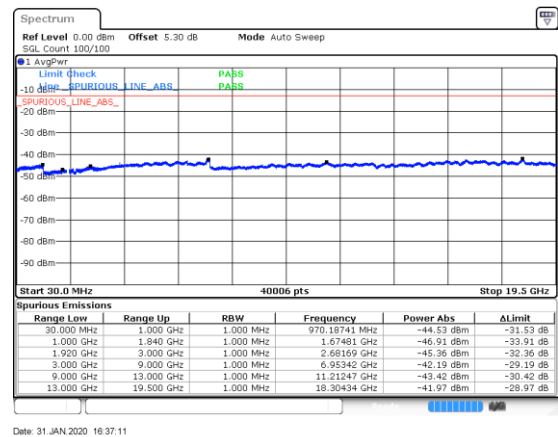
## Lowest Channel / BPSK



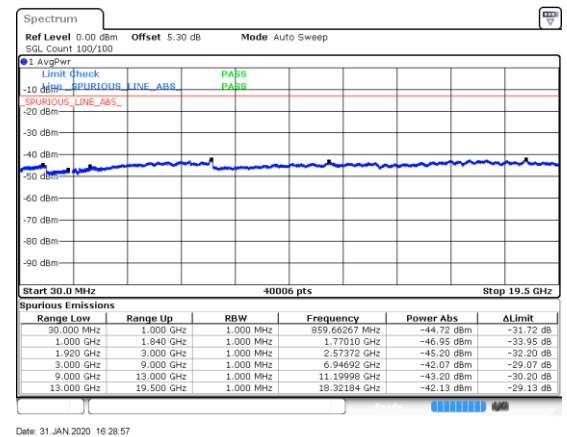
## Lowest Channel / QPSK



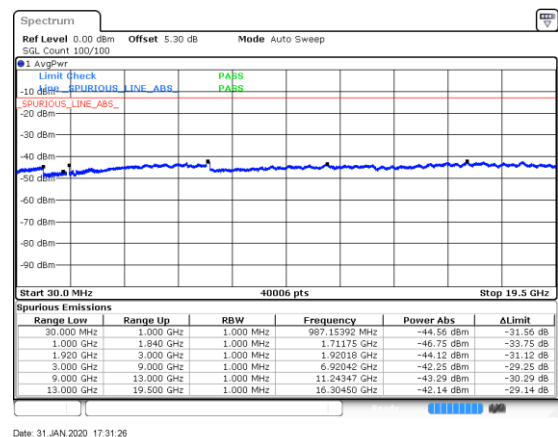
## Middle Channel / BPSK



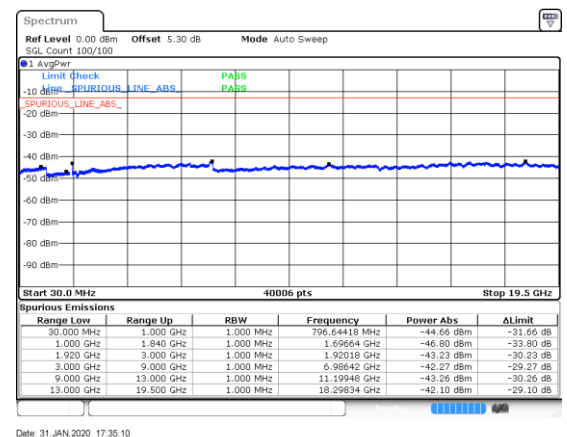
## Middle Channel / QPSK



## Highest Channel / BPSK



## Highest Channel / QPSK



**Frequency Stability**

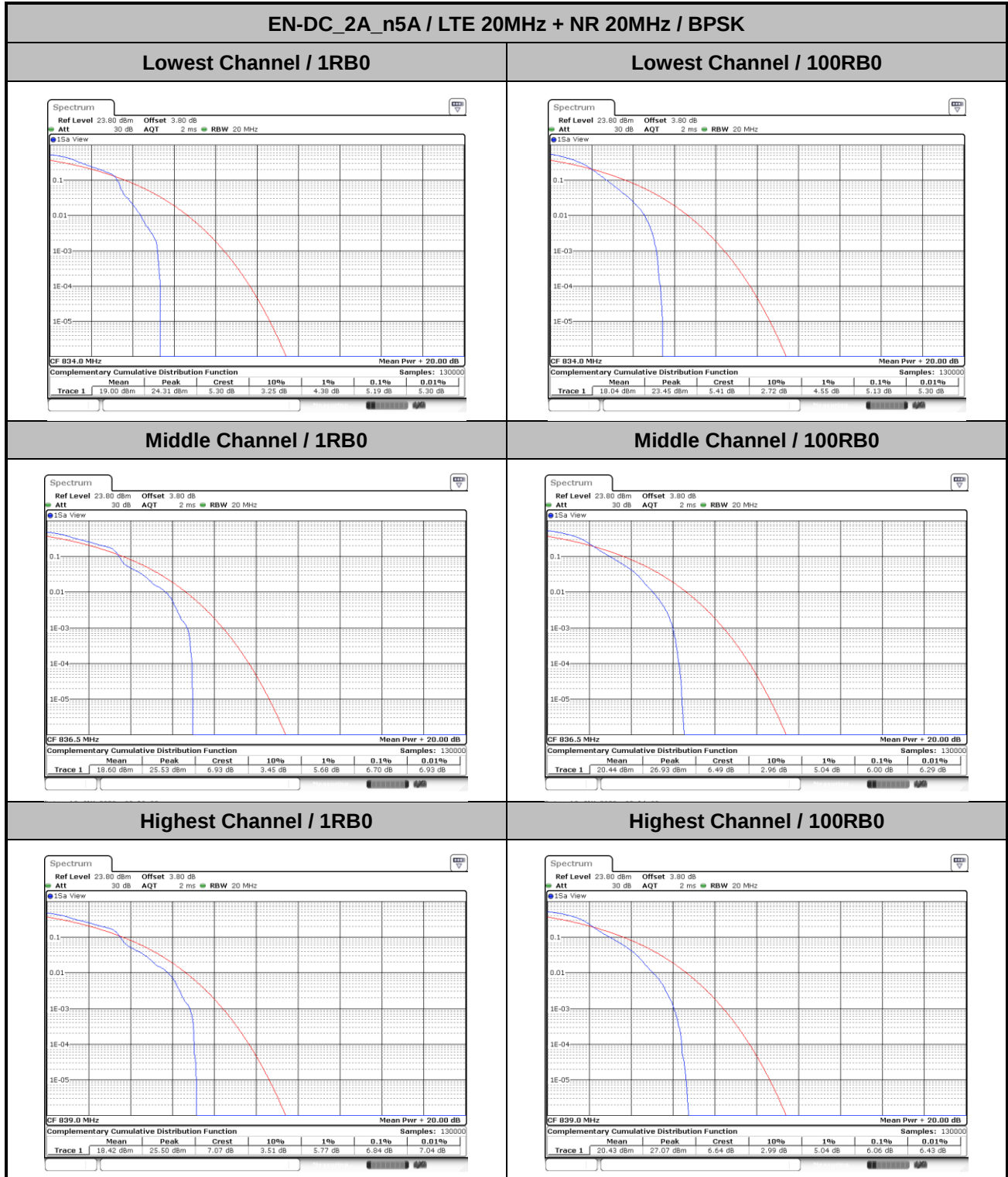
| Test Conditions  |                   | EN-DC_5A_n2A (BPSK) / Middle Channel | Limit   |
|------------------|-------------------|--------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | LTE 10MHz + NR 20MHz                 | Note 2. |
|                  |                   | Deviation (ppm)                      | Result  |
| 50               | Normal Voltage    | 0.0017                               | PASS    |
| 40               | Normal Voltage    | 0.0011                               |         |
| 30               | Normal Voltage    | 0.0003                               |         |
| 20(Ref.)         | Normal Voltage    | 0.0013                               |         |
| 10               | Normal Voltage    | 0.0005                               |         |
| 0                | Normal Voltage    | 0.0016                               |         |
| -10              | Normal Voltage    | 0.0005                               |         |
| -20              | Normal Voltage    | 0.0005                               |         |
| -30              | Normal Voltage    | 0.0005                               |         |
| 20               | Maximum Voltage   | 0.0023                               |         |
| 20               | Normal Voltage    | 0.0002                               |         |
| 20               | Battery End Point | 0.0008                               |         |

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

## 5G NR n5

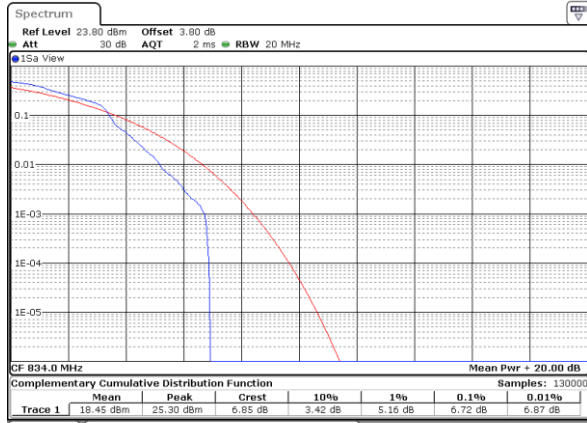
### Peak-to-Average Ratio



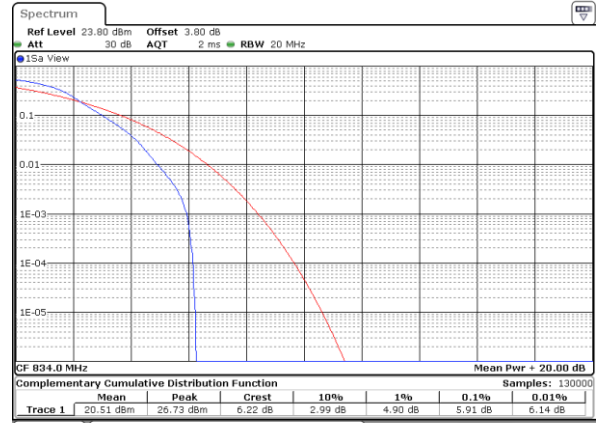


## EN-DC\_2A\_n5A / LTE 20MHz + NR 20MHz / QPSK

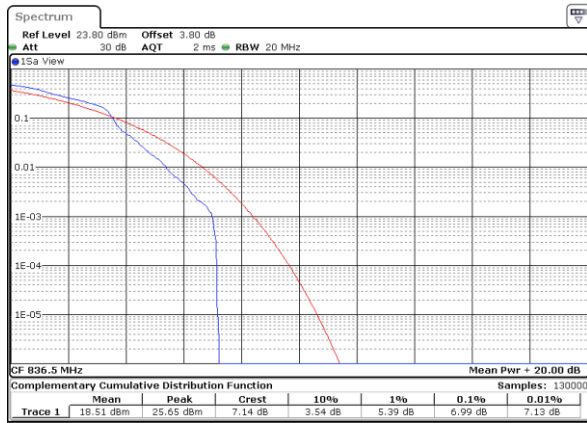
## Lowest Channel / 1RB0



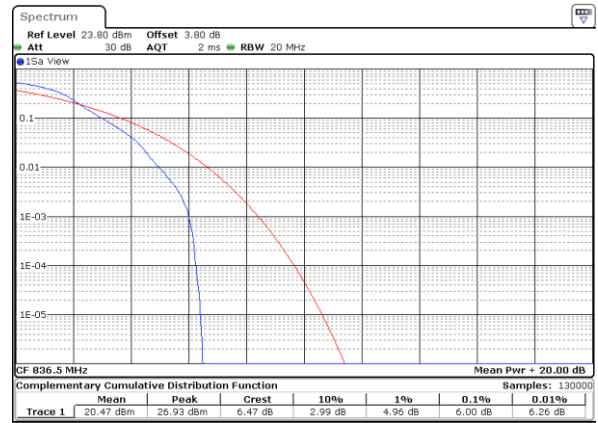
## Lowest Channel / 100RB0



## Middle Channel / 1RB0



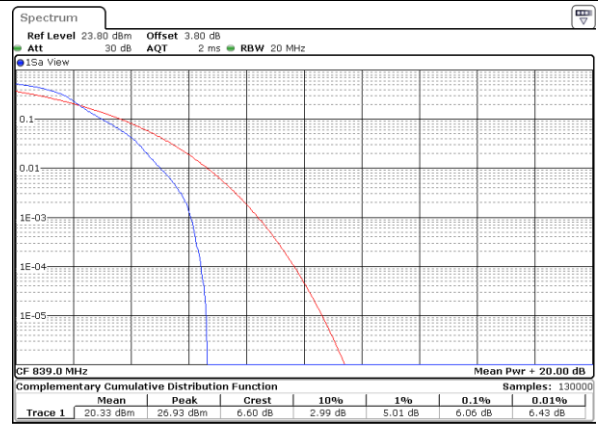
## Middle Channel / 100RB0



## Highest Channel / 1RB0



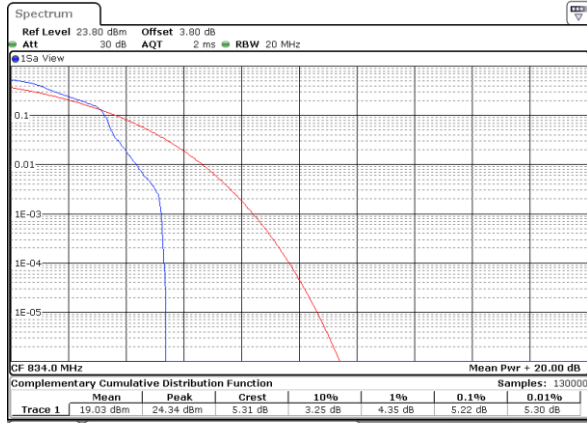
## Highest Channel / 100RB0



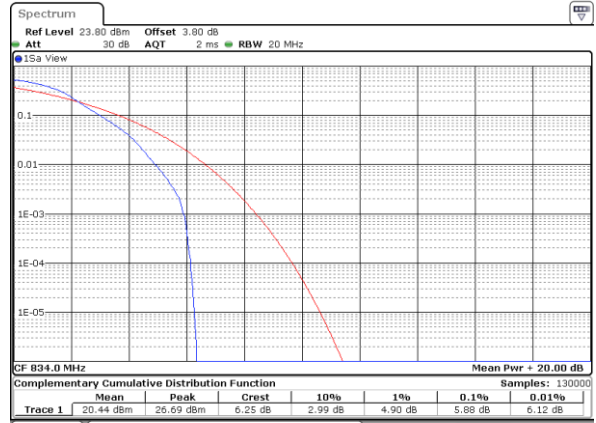


## EN-DC\_66A\_n5A / LTE 20MHz + NR 20MHz / BPSK

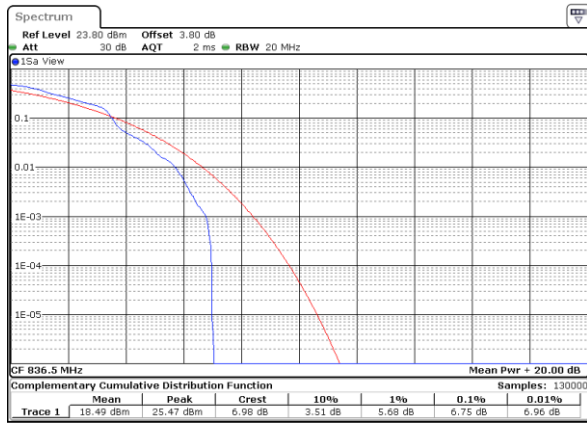
## Lowest Channel / 1RB0



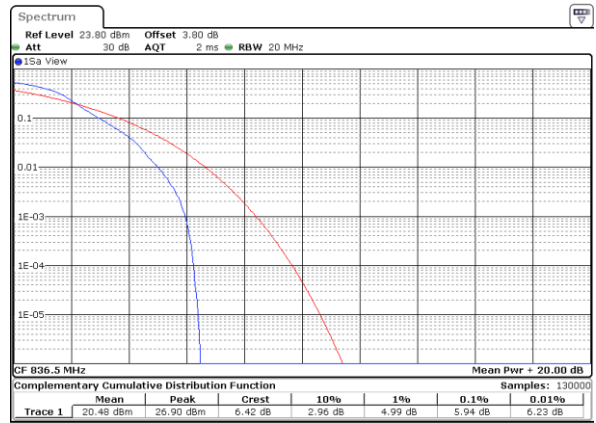
## Lowest Channel / 100RB0



## Middle Channel / 1RB0



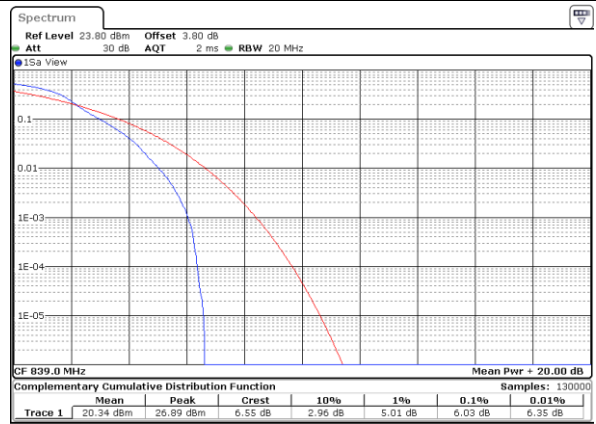
## Middle Channel / 100RB0

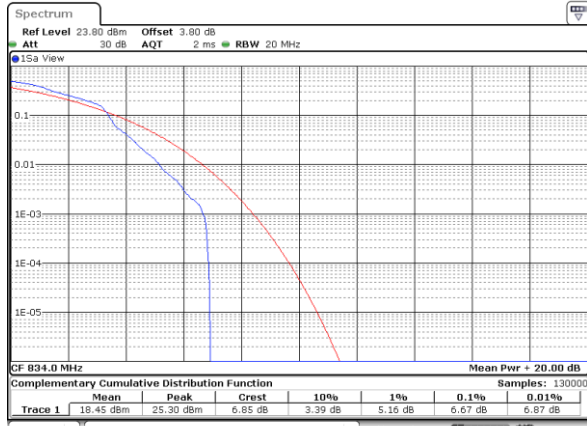


## Highest Channel / 1RB0

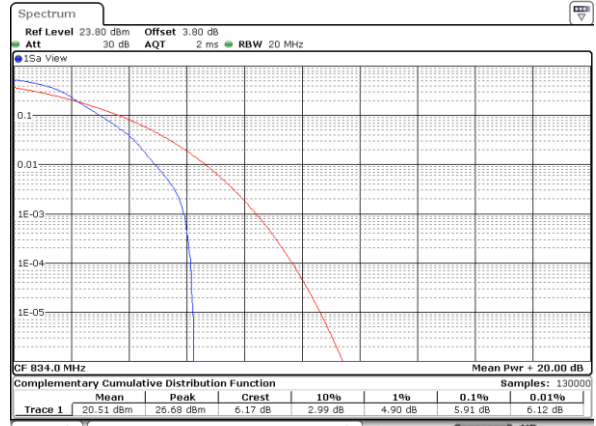


## Highest Channel / 100RB0

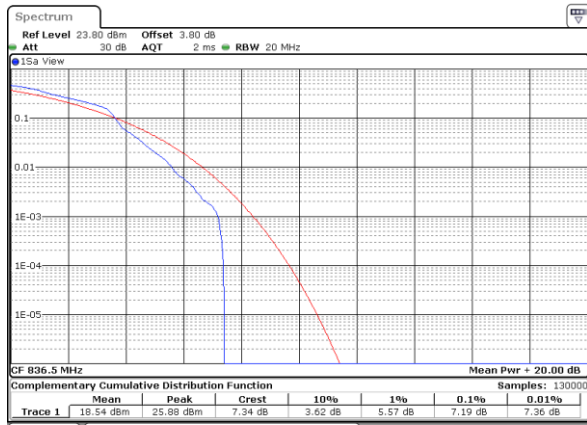


**EN-DC\_66A\_n5A / LTE 20MHz + NR 20MHz / QPSK**
**Lowest Channel / 1RB0**


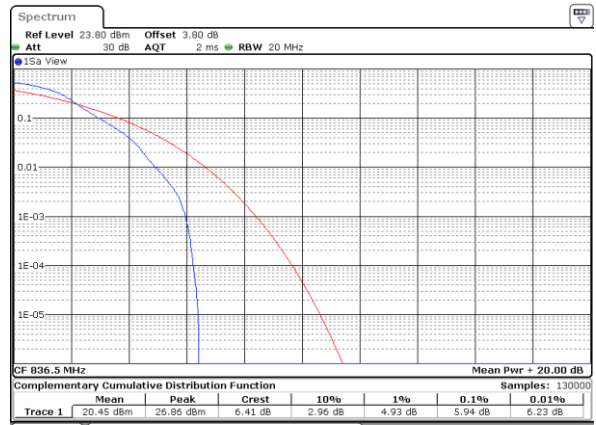
Date: 12.JAN.2020 02:36:05

**Lowest Channel / 100RB0**


Date: 12.JAN.2020 02:35:41

**Middle Channel / 1RB0**


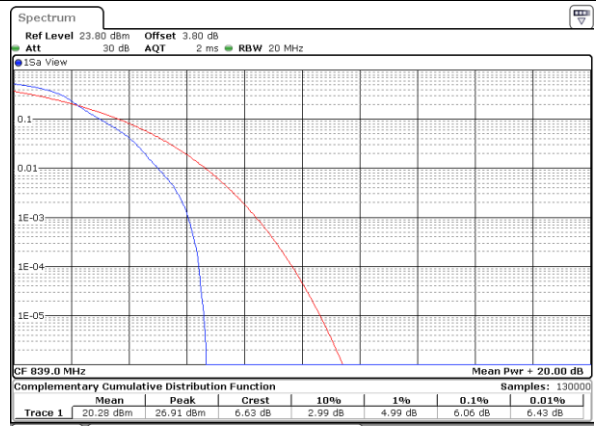
Date: 12.JAN.2020 02:31:45

**Middle Channel / 100RB0**


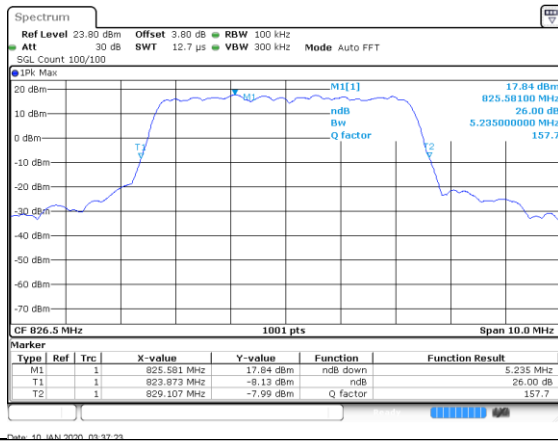
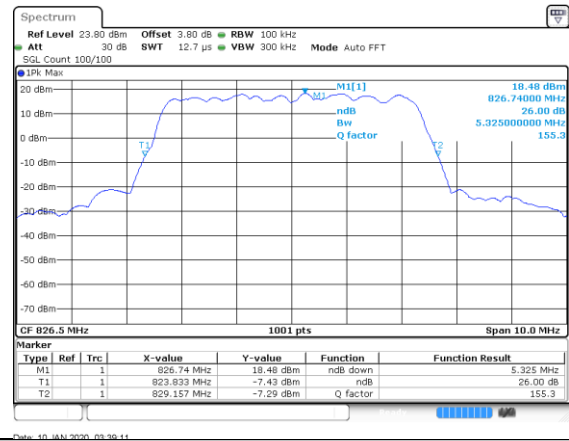
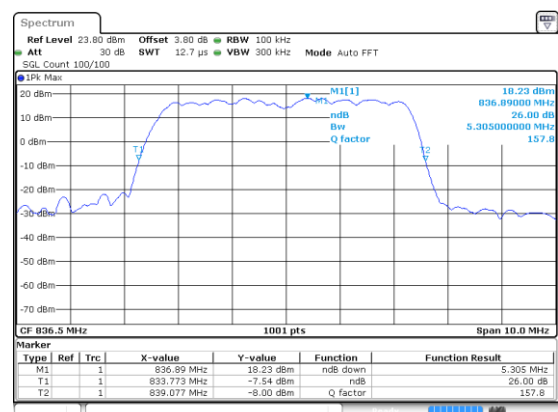
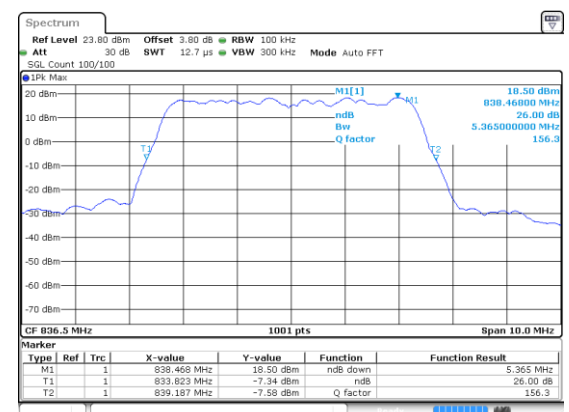
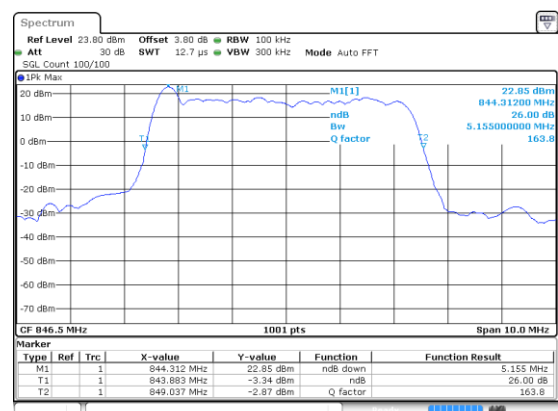
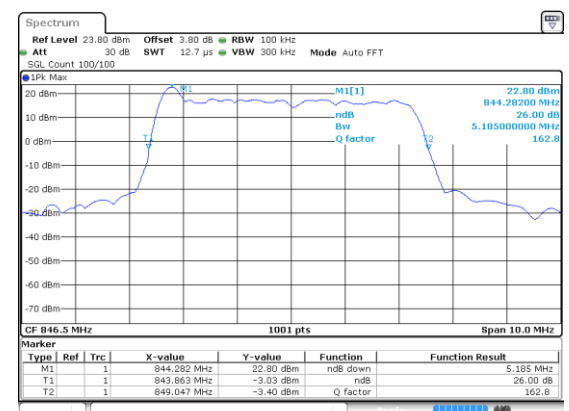
Date: 12.JAN.2020 02:32:08

**Highest Channel / 1RB0**


Date: 12.JAN.2020 03:10:19

**Highest Channel / 100RB0**


Date: 12.JAN.2020 03:09:57

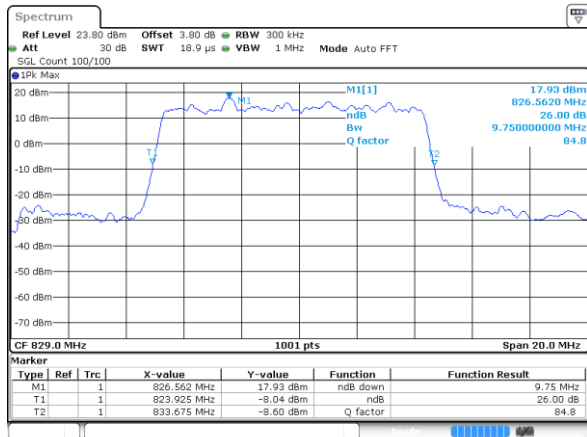
**26dB Bandwidth****EN-DC\_2A\_n5A****Combination LTE 20MHz + NR 5MHz****Lowest Channel / BPSK****Lowest Channel / QPSK****Middle Channel / BPSK****Middle Channel / QPSK****Highest Channel / BPSK****Highest Channel / QPSK**



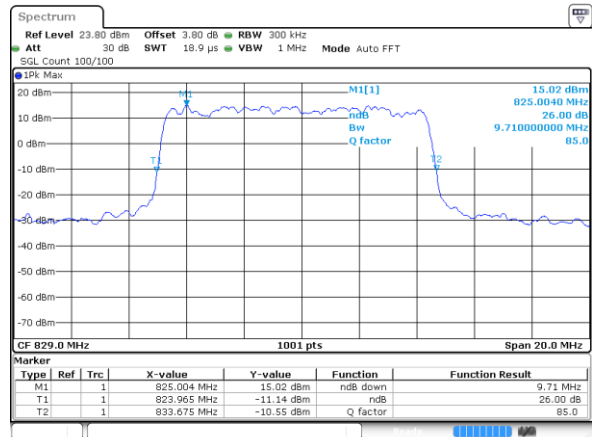
## EN-DC\_2A\_n5A

## Combination LTE 20MHz + NR 10MHz

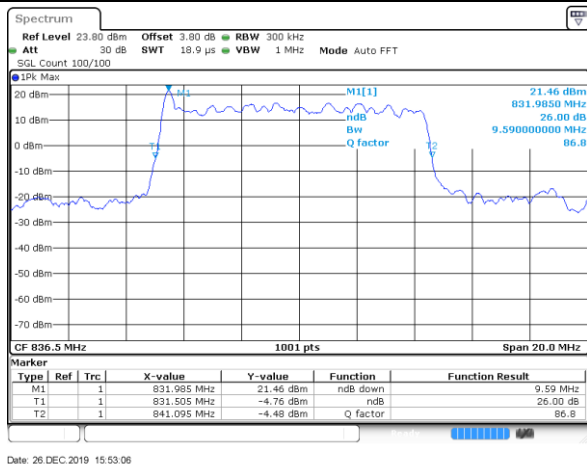
## Lowest Channel / BPSK



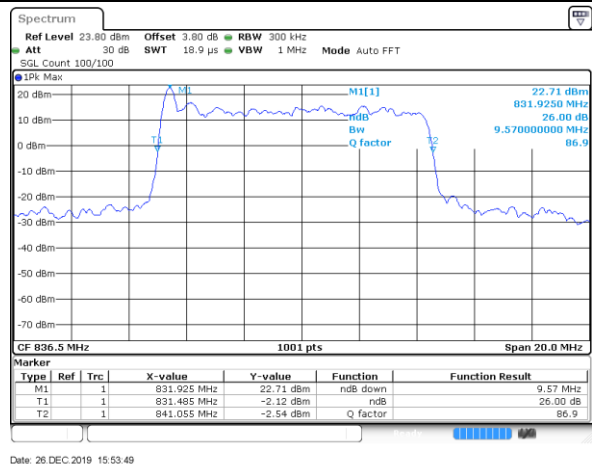
## Lowest Channel / QPSK



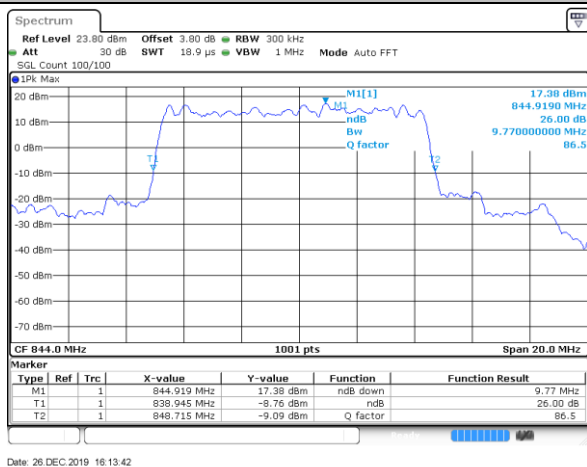
## Middle Channel / BPSK



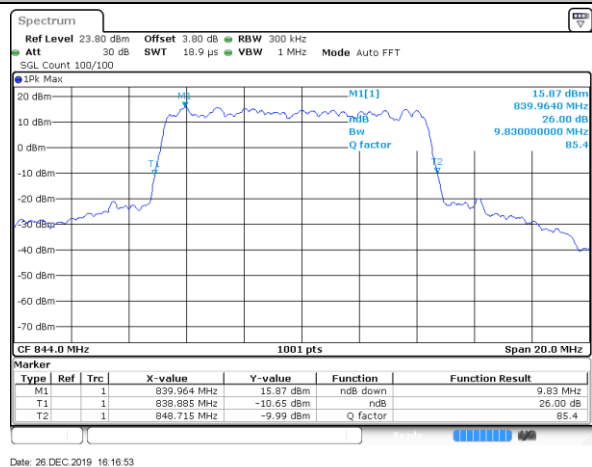
## Middle Channel / QPSK



## Highest Channel / BPSK



## Highest Channel / QPSK

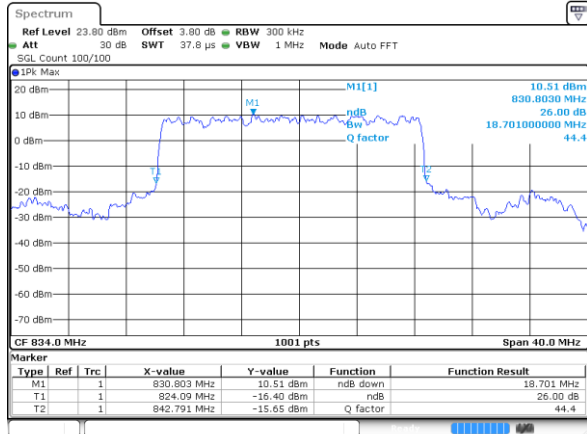




## EN-DC\_2A\_n5A

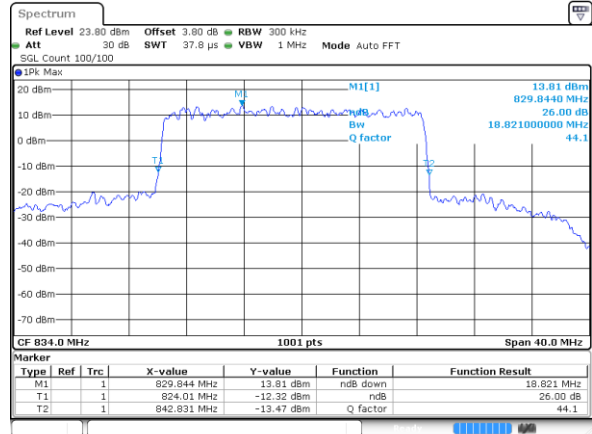
## Combination LTE 20MHz + NR 20MHz

## Lowest Channel / BPSK



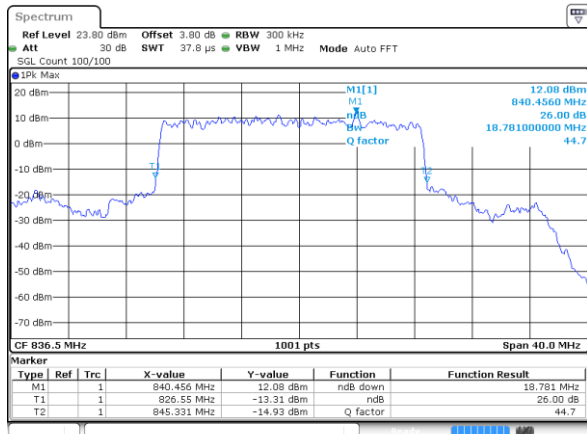
Date: 26 DEC 2019 14:12:21

## Lowest Channel / QPSK



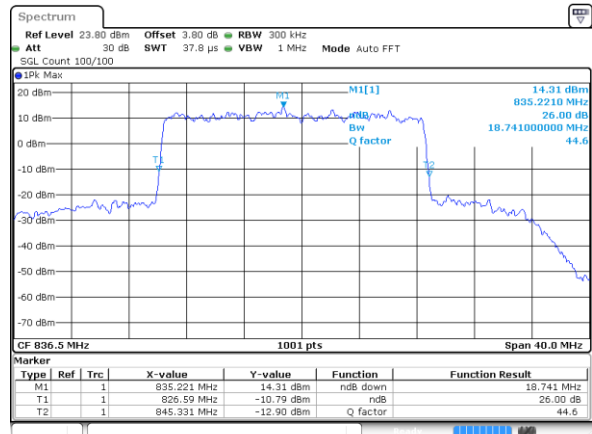
Date: 26 DEC 2019 14:10:45

## Middle Channel / BPSK



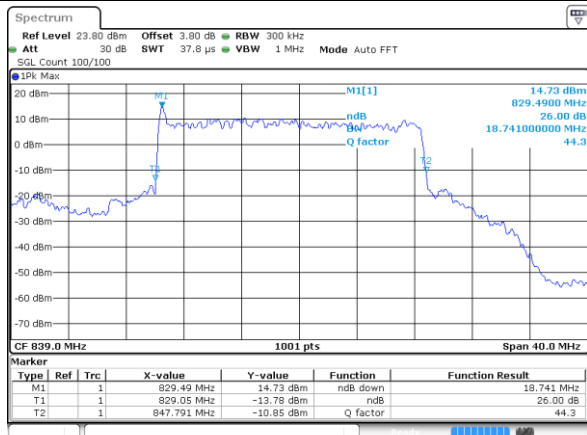
Date: 26 DEC 2019 15:01:17

## Middle Channel / QPSK



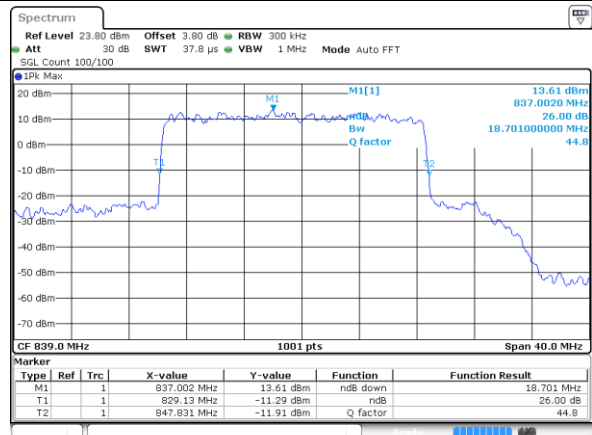
Date: 26 DEC 2019 15:03:33

## Highest Channel / BPSK



Date: 26 DEC 2019 15:16:09

## Highest Channel / QPSK



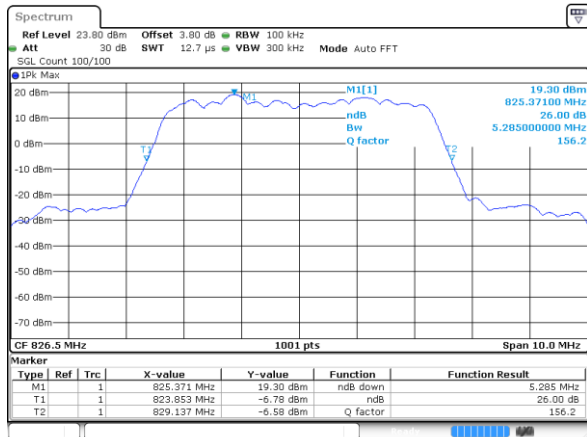
Date: 26 DEC 2019 15:17:42



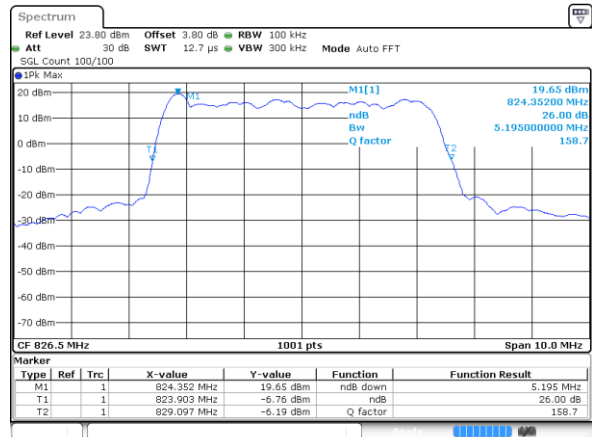
## EN-DC\_66A\_n5A

## Combination LTE 20MHz + NR 5MHz

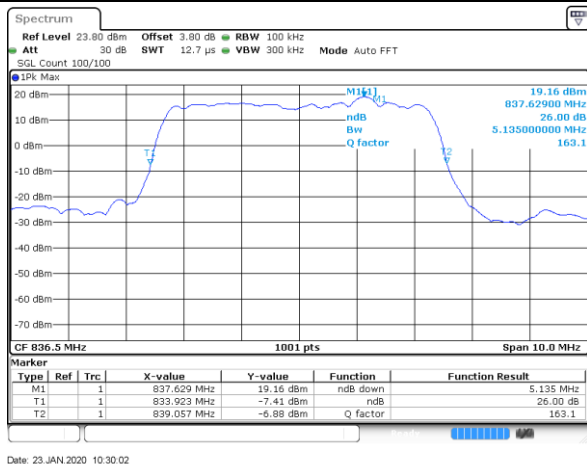
## Lowest Channel / BPSK



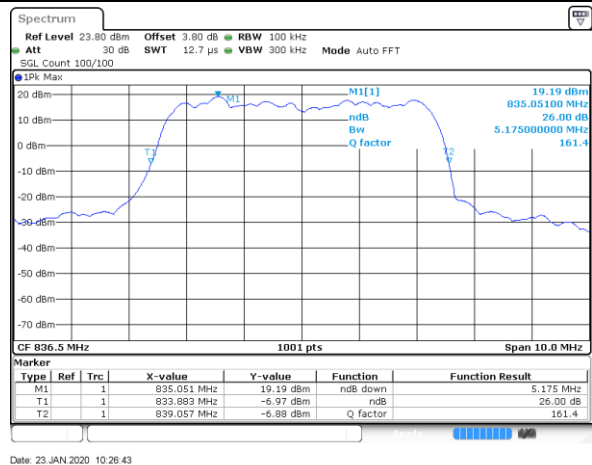
## Lowest Channel / QPSK



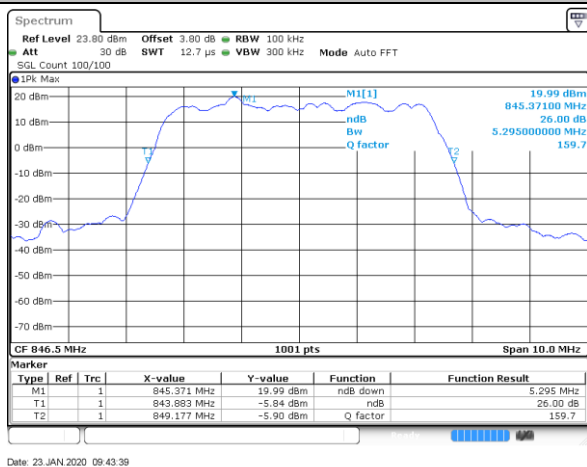
## Middle Channel / BPSK



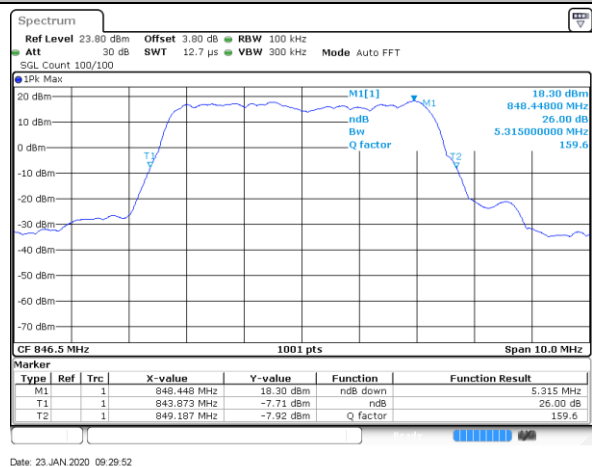
## Middle Channel / QPSK



## Highest Channel / BPSK



## Highest Channel / QPSK

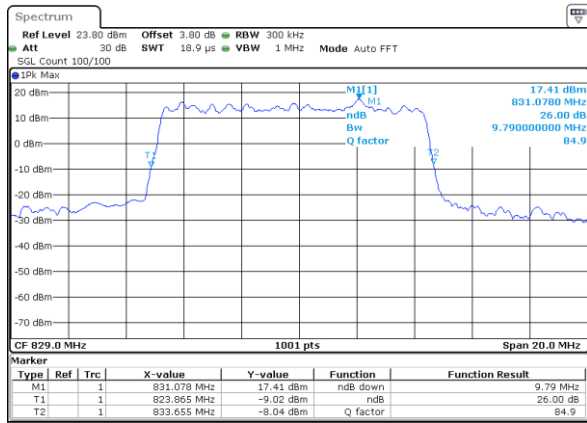




## EN-DC\_66A\_n5A

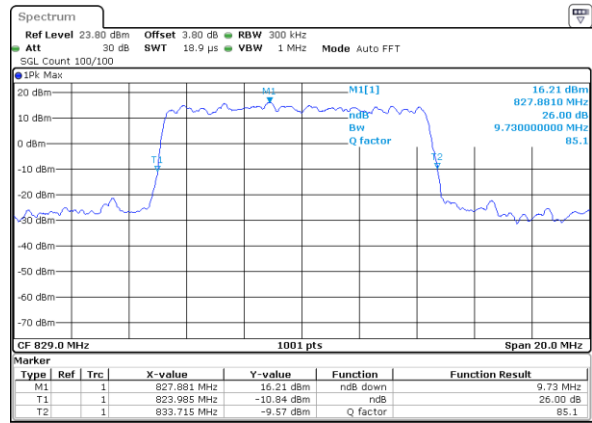
## Combination LTE 20MHz + NR 10MHz

## Lowest Channel / BPSK



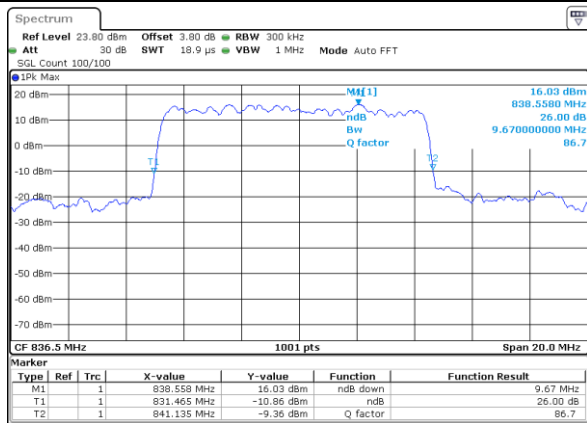
Date: 26 DEC 2019 18:49:31

## Lowest Channel / QPSK



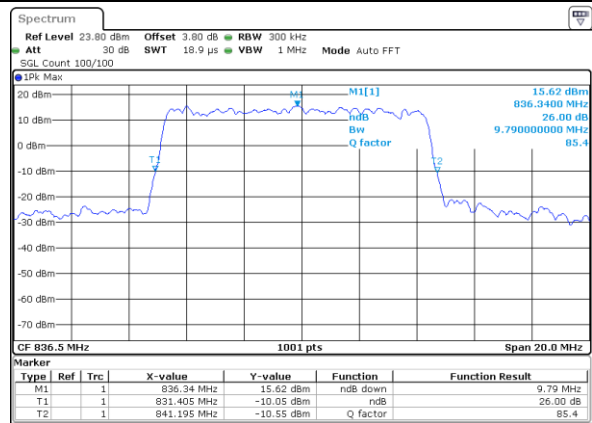
Date: 26 DEC 2019 18:51:29

## Middle Channel / BPSK



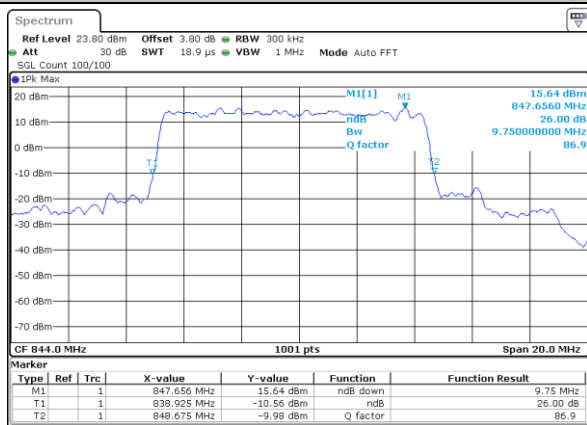
Date: 26 DEC 2019 19:21:59

## Middle Channel / QPSK



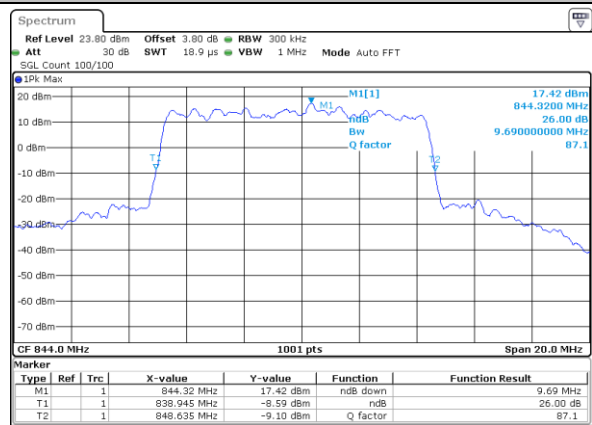
Date: 26 DEC 2019 19:21:25

## Highest Channel / BPSK



Date: 26 DEC 2019 19:36:26

## Highest Channel / QPSK



Date: 26 DEC 2019 19:38:30



## EN-DC\_66A\_n5A

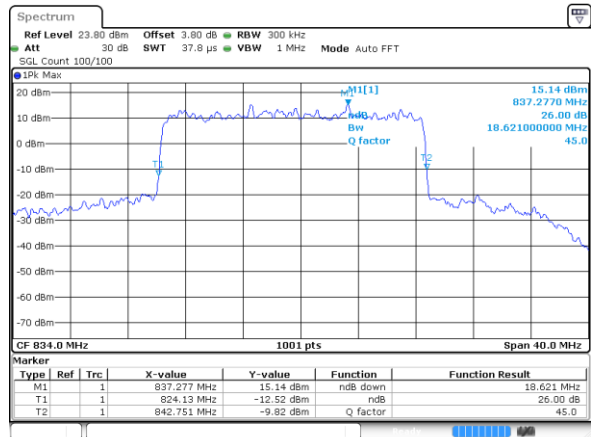
## Combination LTE 20MHz + NR 20MHz

## Lowest Channel / BPSK



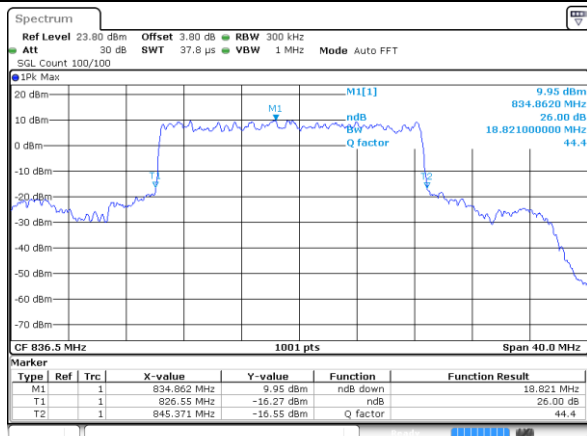
Date: 26 DEC 2019 16:35:19

## Lowest Channel / QPSK



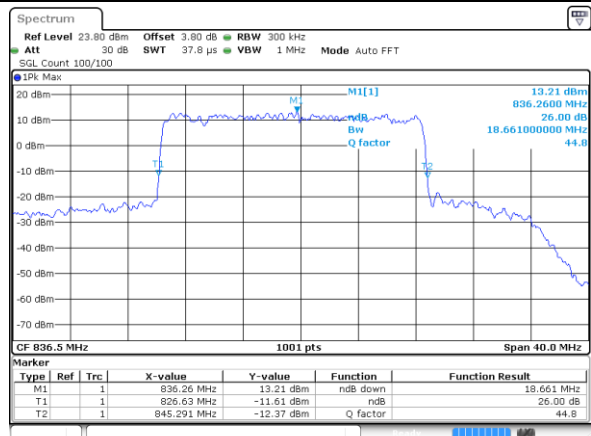
Date: 26 DEC 2019 16:36:44

## Middle Channel / BPSK



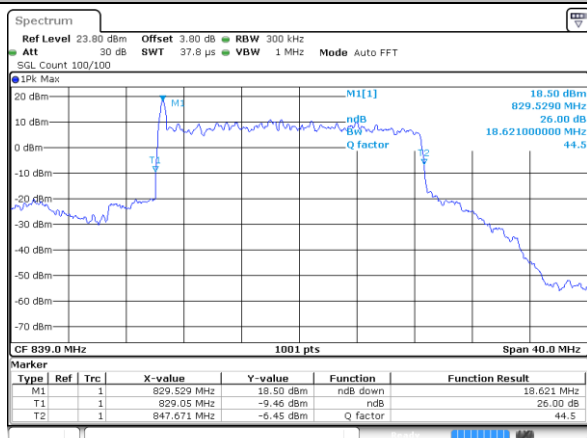
Date: 26 DEC 2019 17:38:29

## Middle Channel / QPSK



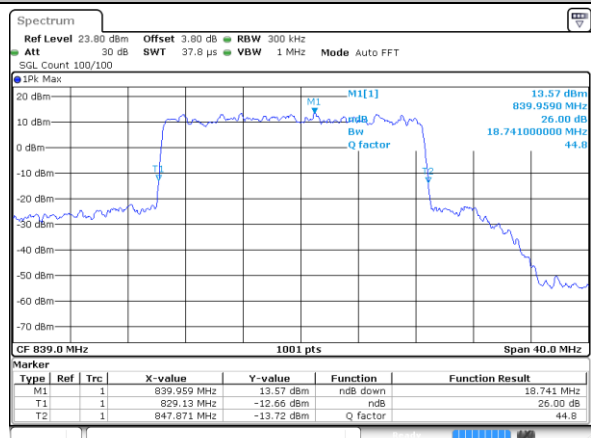
Date: 26 DEC 2019 17:40:02

## Highest Channel / BPSK



Date: 26 DEC 2019 17:54:15

## Highest Channel / QPSK



Date: 26 DEC 2019 17:52:17