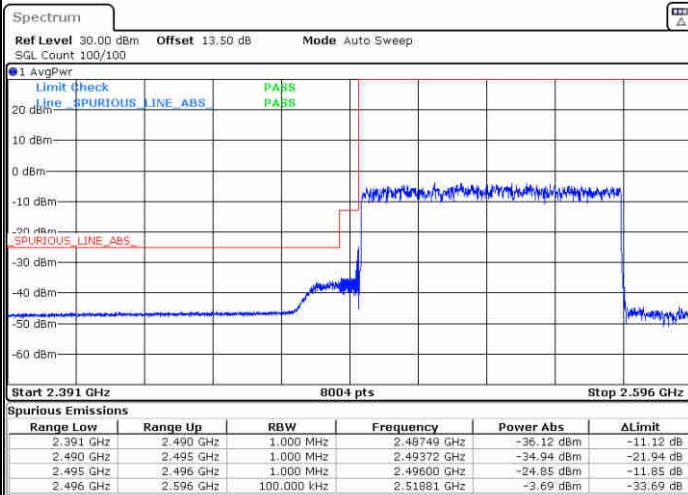


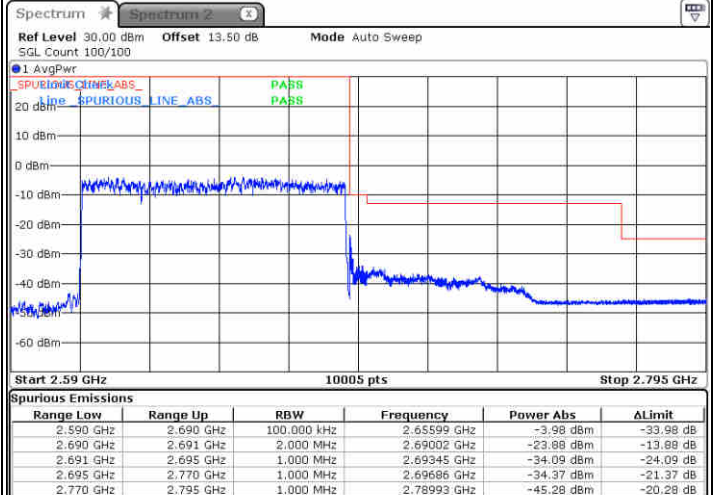


## Lowest Band Edge / 216#0\_16QAM

## Highest Band Edge / 216#0\_16QAM



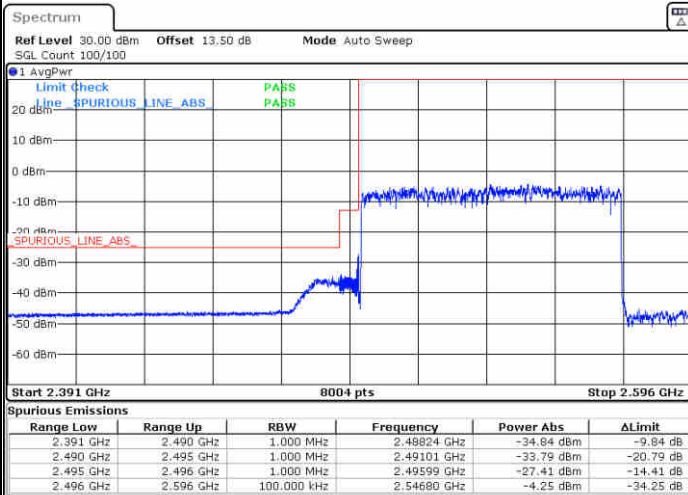
Date: 17 JUL 2020 03:51:30



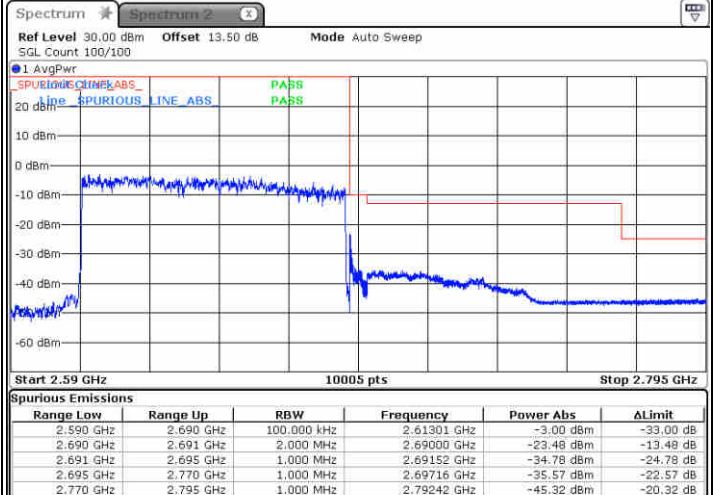
Date: 24 JUL 2020 00:25:12

## Lowest Band Edge / 216#0\_64QAM

## Highest Band Edge / 216#0\_64QAM



Date: 17 JUL 2020 03:51:43



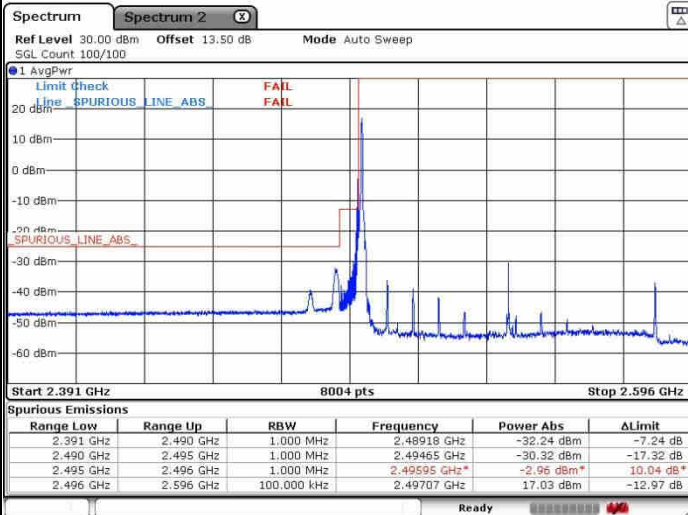
Date: 24 JUL 2020 00:24:53



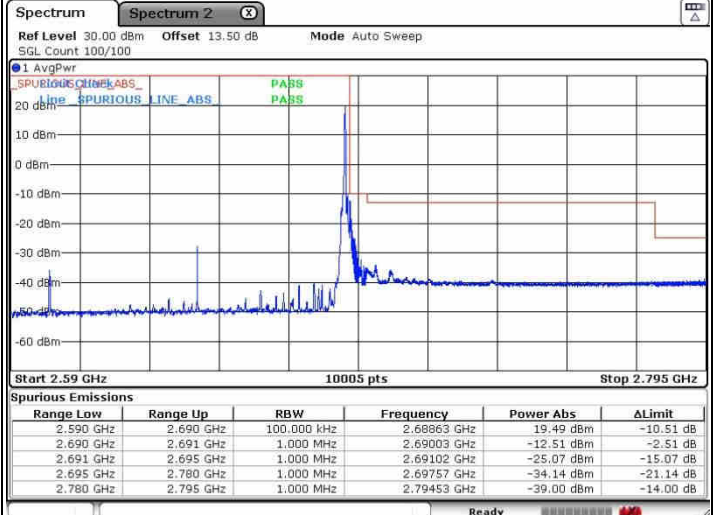
90M

## Lowest Band Edge / 1RB0-BPSK

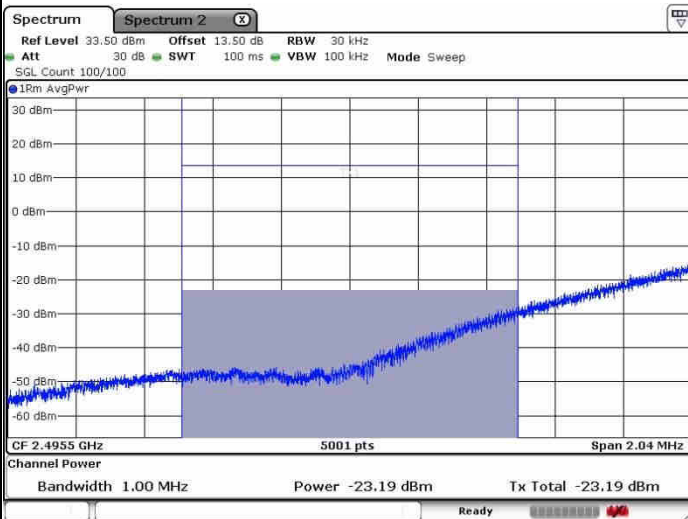
## Highest Band Edge / 1RBMAX-BPSK



Date: 23 JUL 2020 07:19:50



Date: 23 JUL 2020 07:26:16

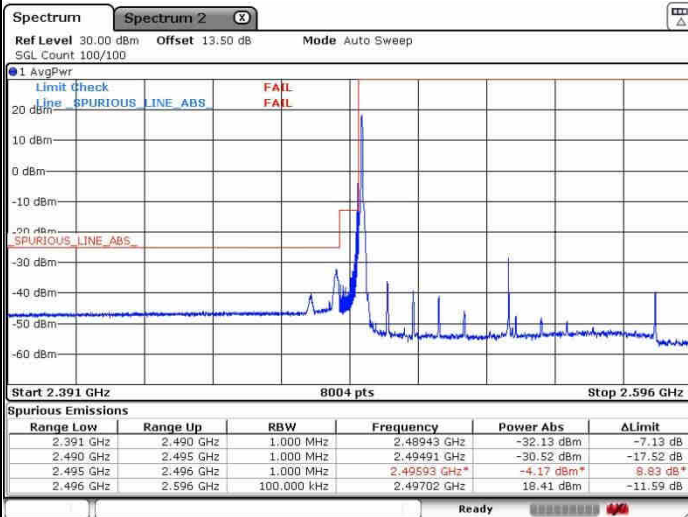


Date: 23 JUL 2020 10:19:12

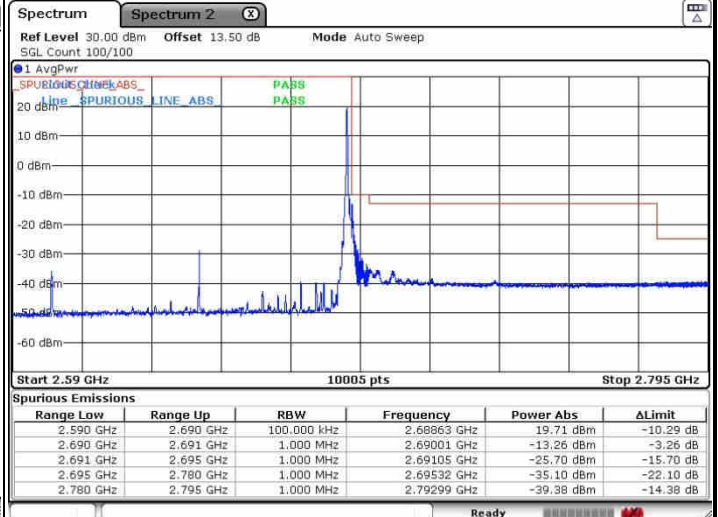


## Lowest Band Edge / 1RB0-QPSK

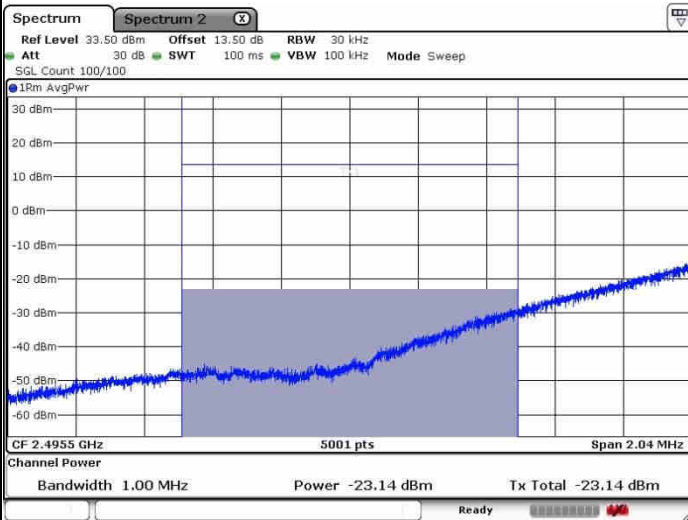
## Highest Band Edge / 1RBMAX-QPSK



Date: 23 JUL 2020 07:20:27



Date: 23 JUL 2020 07:25:53

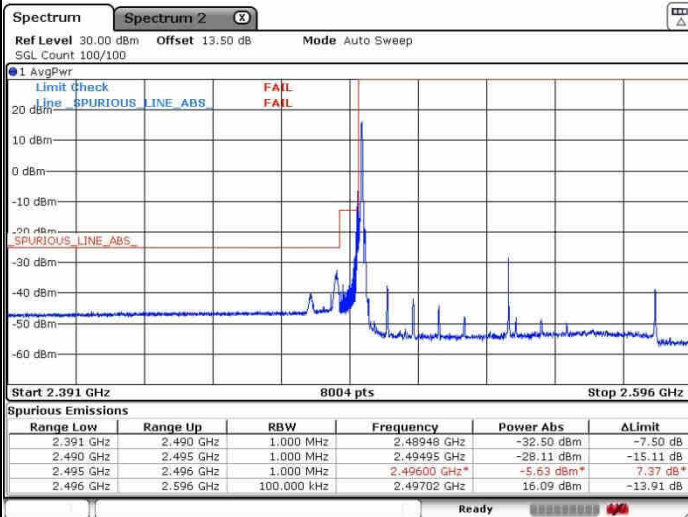


Date: 23 JUL 2020 10:20:16

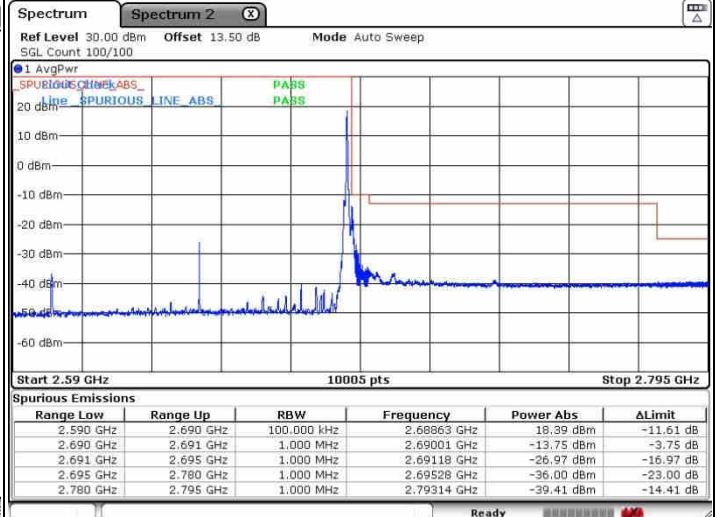


## Lowest Band Edge / 1RB0-16QAM

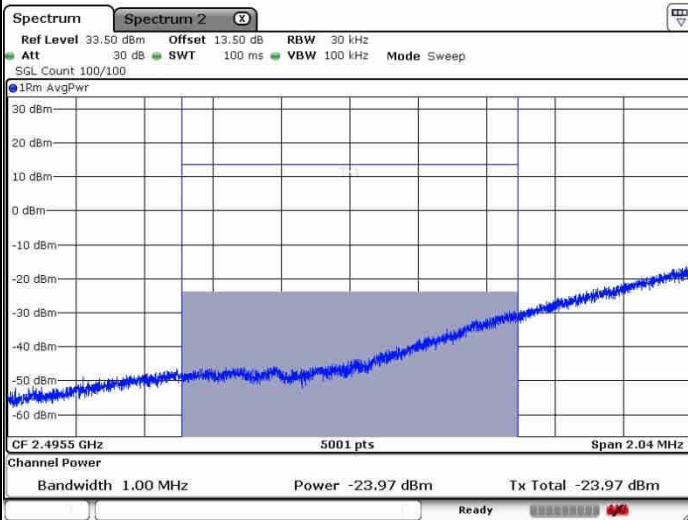
## Highest Band Edge / 1RBMAX-16QAM



Date: 23 JUL 2020 07:20:42



Date: 23 JUL 2020 07:25:30

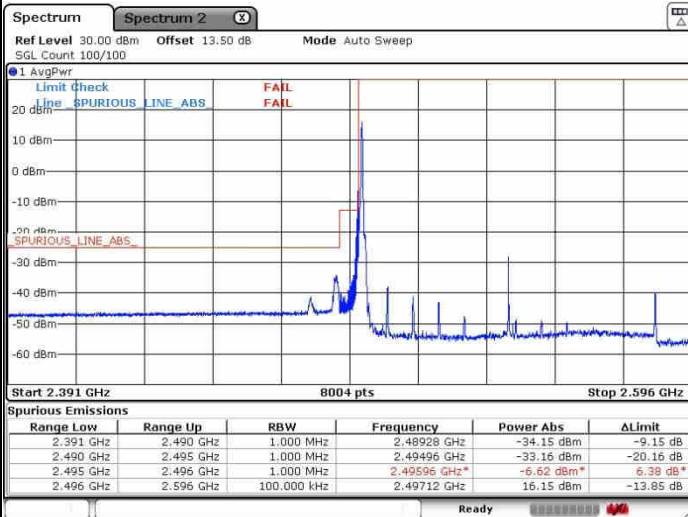


Date: 23 JUL 2020 10:20:47

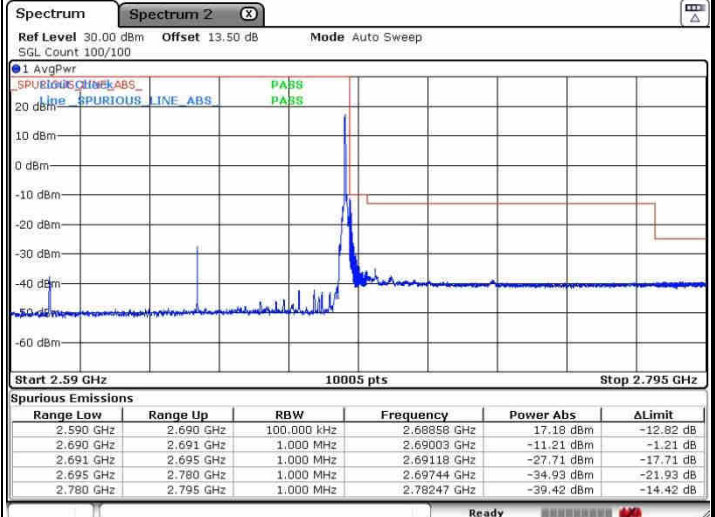


## Lowest Band Edge / 1RB0-64QAM

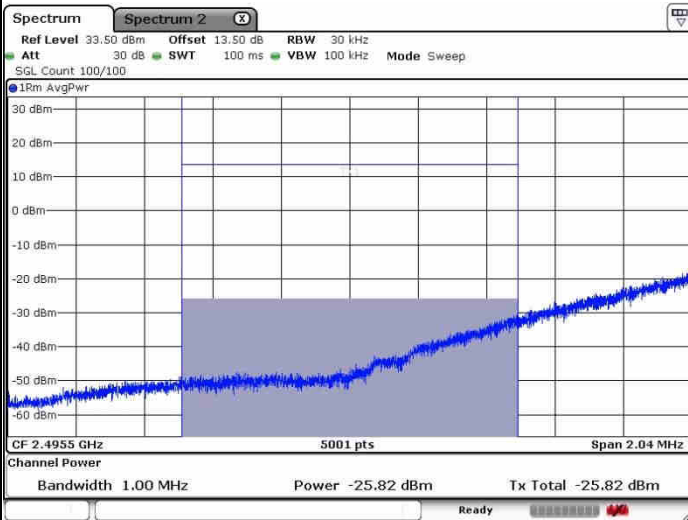
## Highest Band Edge / 1RBMAX-64QAM



Date: 23 JUL 2020 07:21:00



Date: 23 JUL 2020 07:24:44

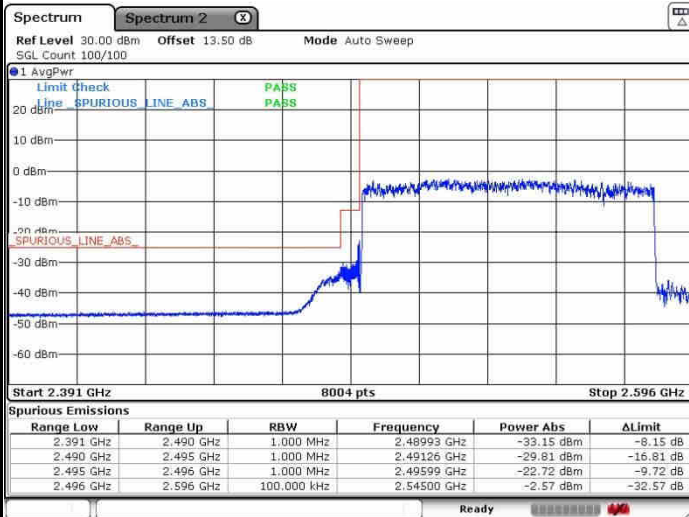


Date: 23 JUL 2020 10:21:20

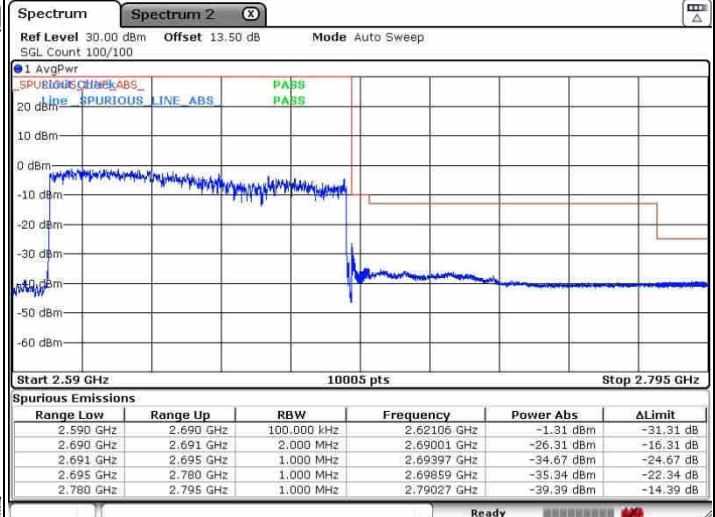


## Lowest Band Edge / FULLRB-BPSK

## Highest Band Edge / FULLRB-BPSK



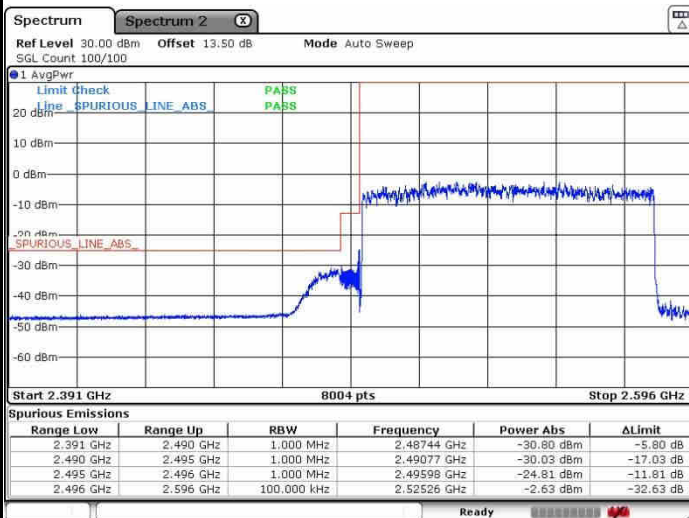
Date: 23 JUL 2020 07:16:27



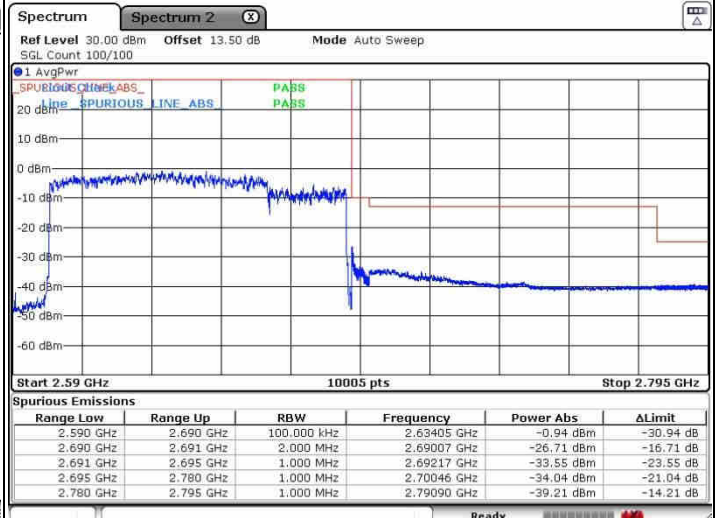
Date: 23 JUL 2020 07:26:45

## Lowest Band Edge / FULLRB-QPSK

## Highest Band Edge / FULLRB-QPSK



Date: 23 JUL 2020 07:17:04

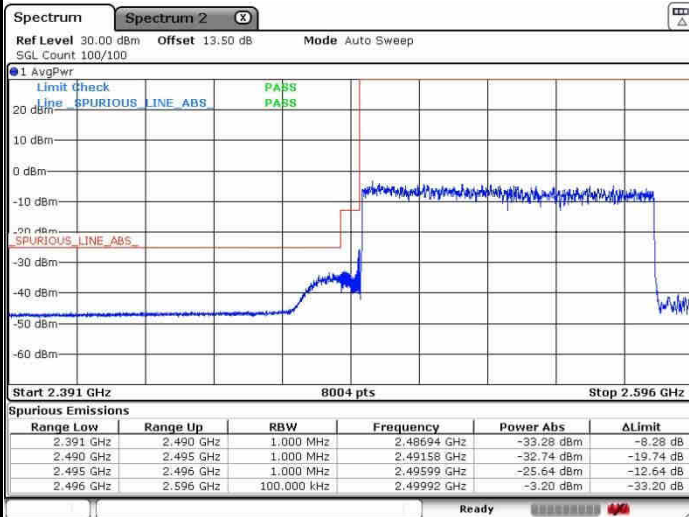


Date: 23 JUL 2020 07:27:06

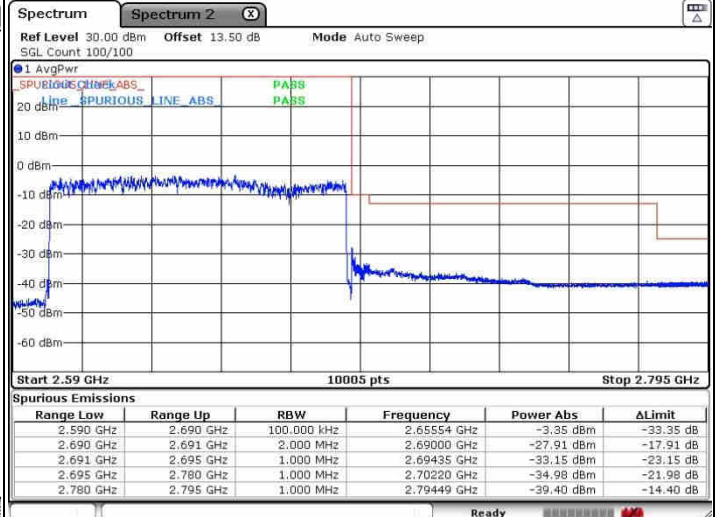


## Lowest Band Edge / FULLRB-16QAM

## Highest Band Edge / FULLRB-16QAM



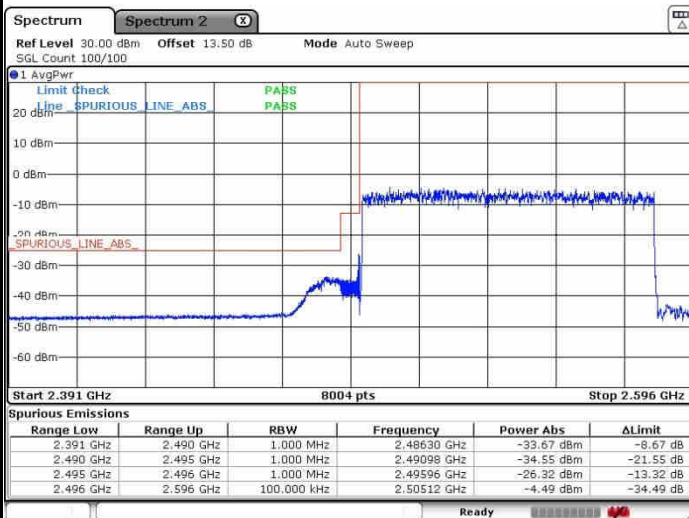
Date: 23 JUL 2020 07:17:20



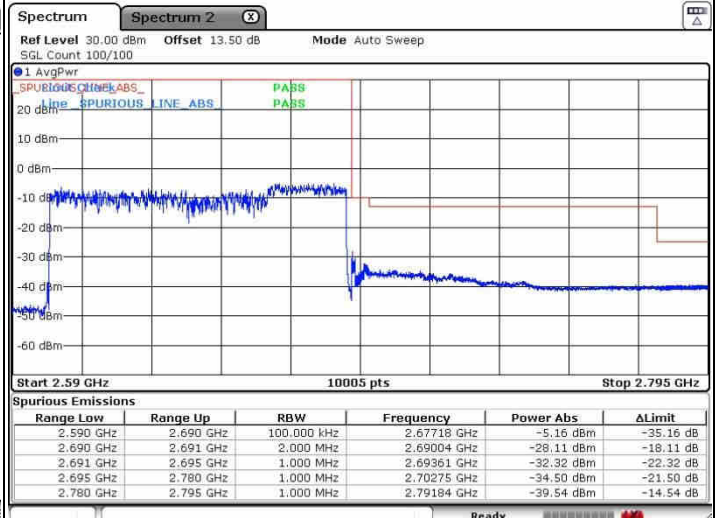
Date: 23 JUL 2020 07:27:23

## Lowest Band Edge / FULLRB-64QAM

## Highest Band Edge / FULLRB-64QAM



Date: 23 JUL 2020 07:17:37



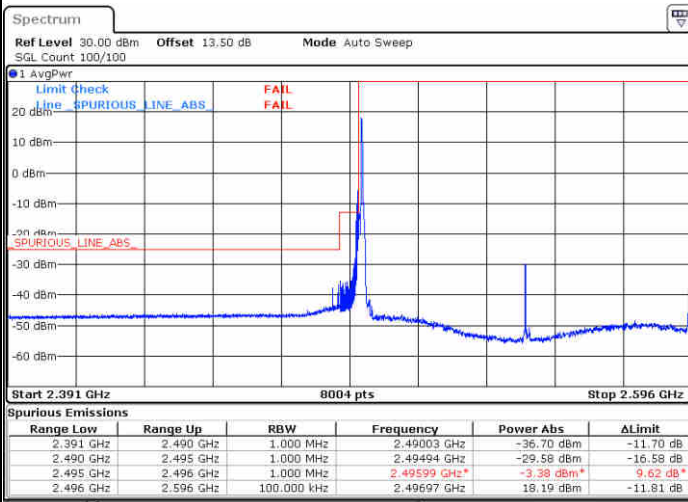
Date: 23 JUL 2020 07:28:00



## 100M

## Lowest Band Edge / 1RB0-BPSK

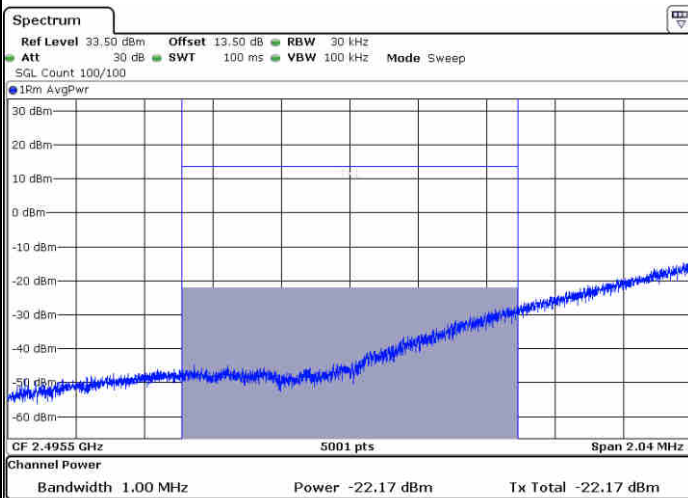
## Highest Band Edge / 1RBMAX- BPSK



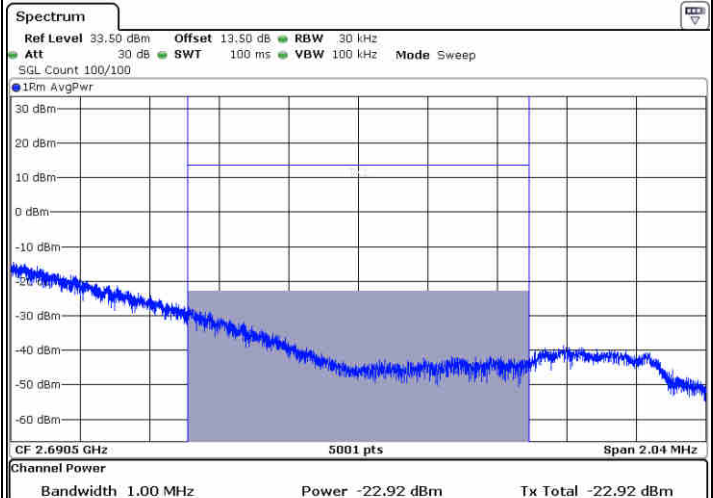
Date: 23 JUL 2020 23:12:43



Date: 23 JUL 2020 23:09:32



Date: 23 JUL 2020 23:29:06

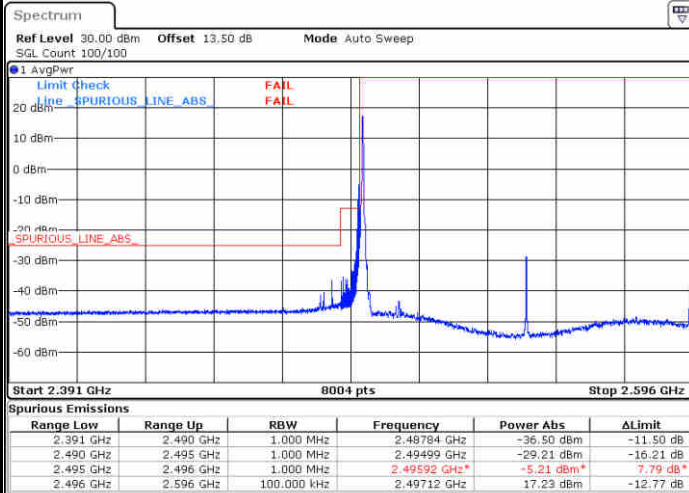


Date: 23 JUL 2020 23:22:14

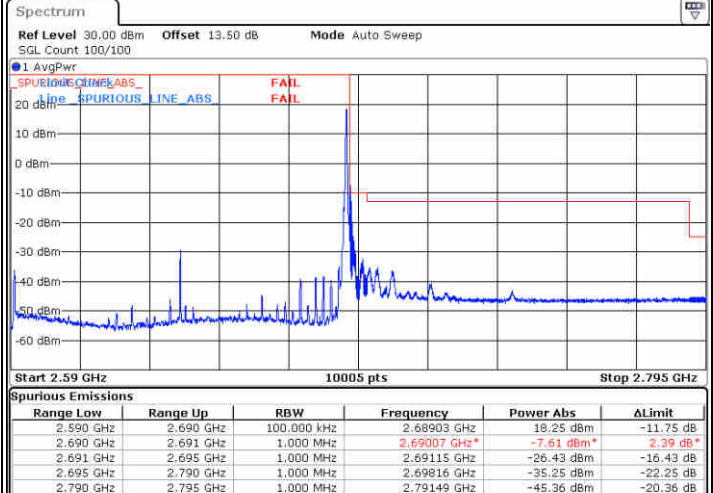


## Lowest Band Edge / 1RB0-QPSK

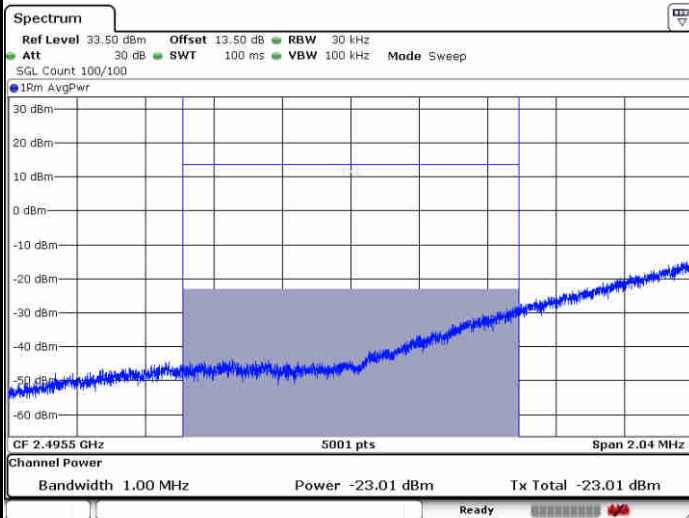
## Highest Band Edge / 1RBMAX- QPSK



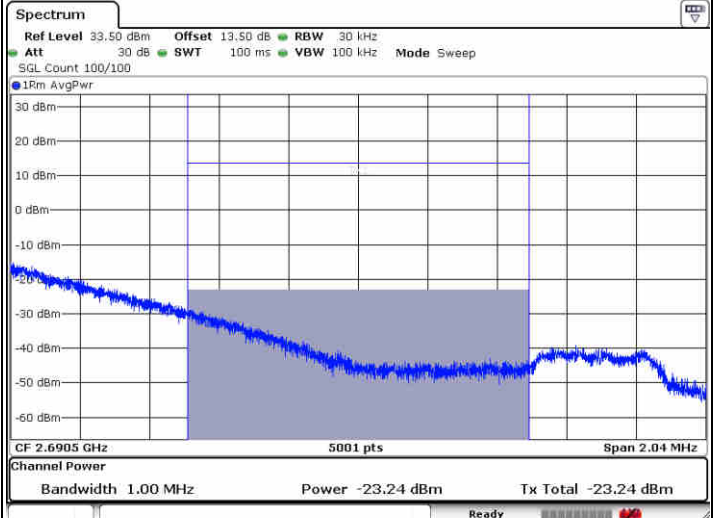
Date: 23 JUL 2020 23:12:30



Date: 23 JUL 2020 23:09:47



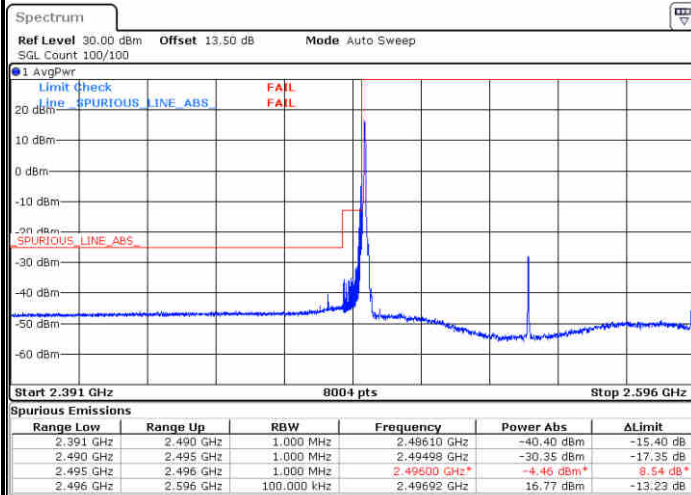
Date: 23 JUL 2020 23:29:26



Date: 23 JUL 2020 23:27:05

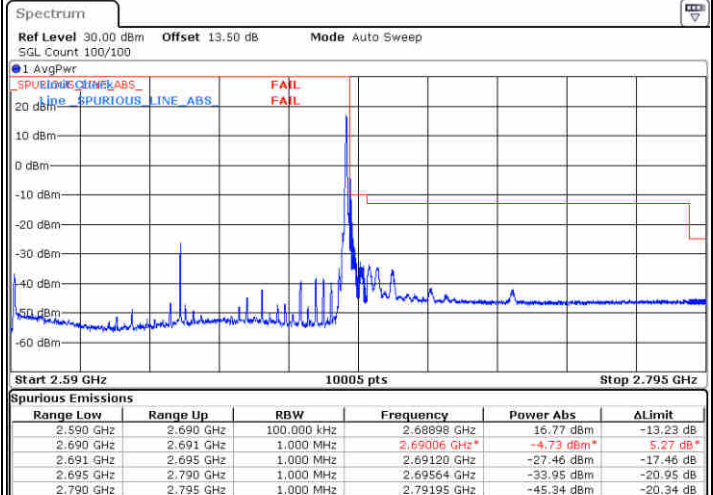


## Lowest Band Edge / 1RB0-16QAM

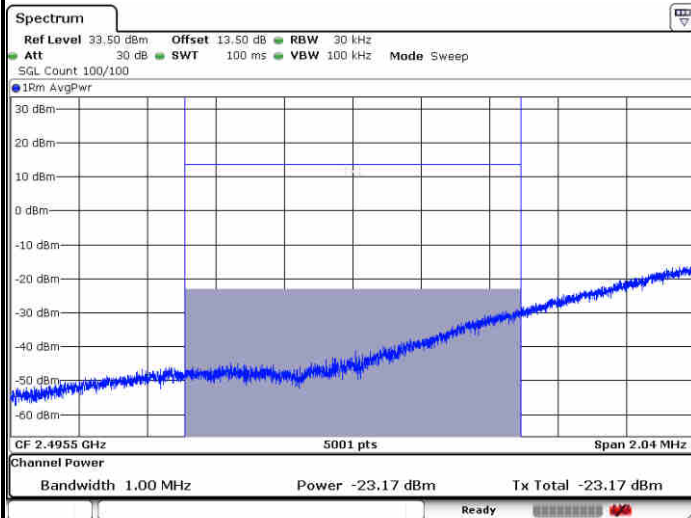


Date: 23 JUL 2020 23:12:16

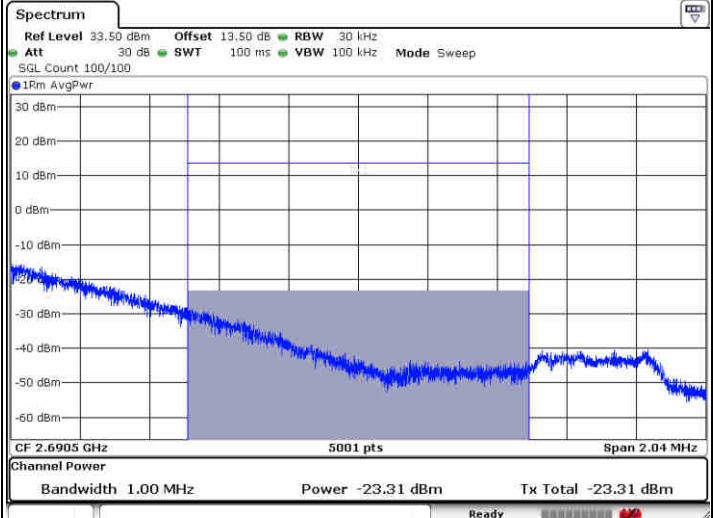
## Highest Band Edge / 1RBMAX- 16QAM



Date: 23 JUL 2020 23:10:00



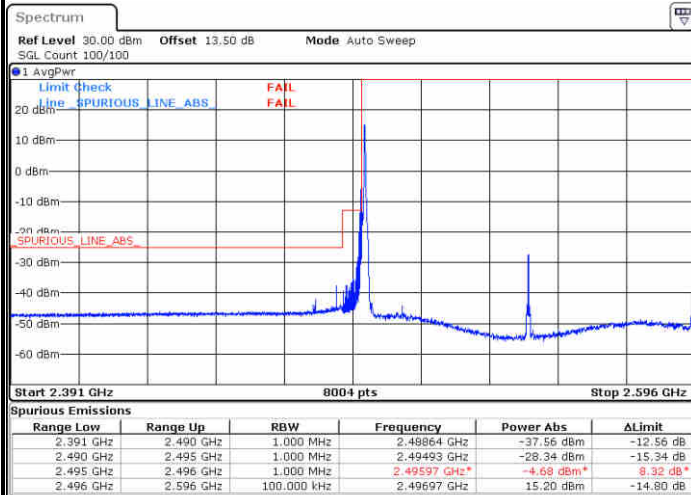
Date: 23 JUL 2020 23:29:45



Date: 23 JUL 2020 23:27:28

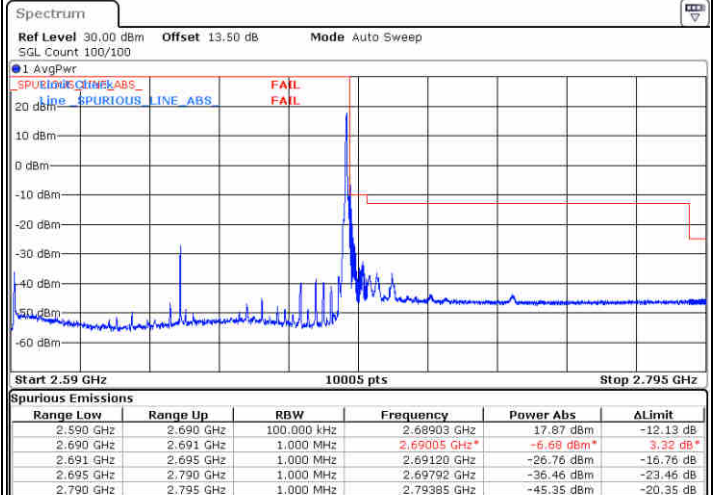


## Lowest Band Edge / 1RB0-64QAM

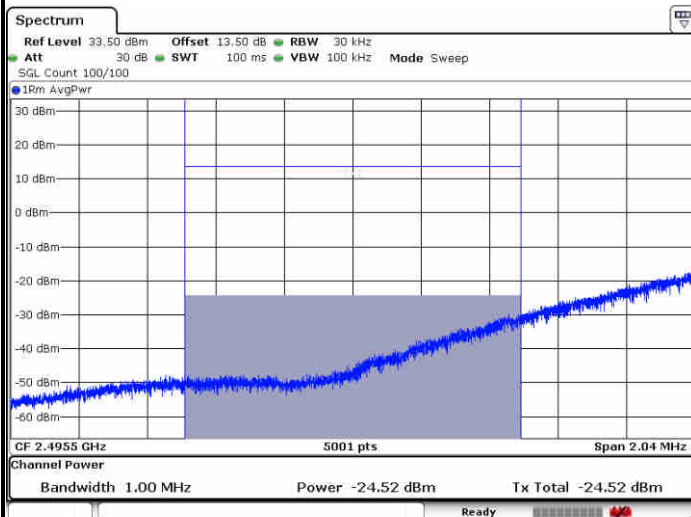


Date: 23 JUL 2020 23:11:59

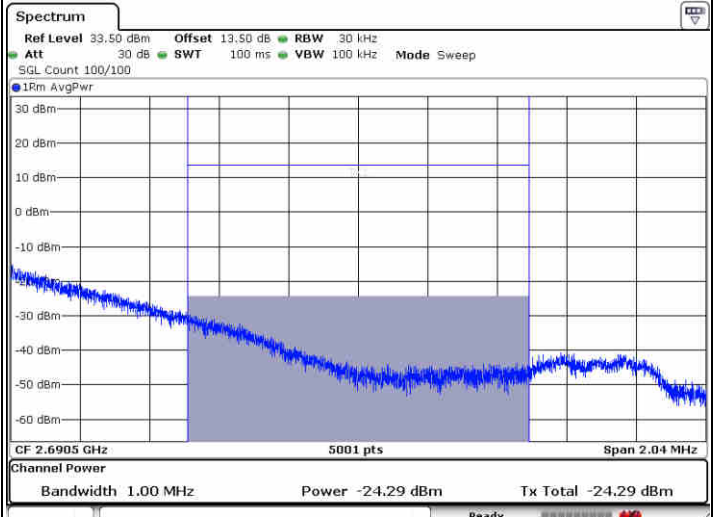
## Highest Band Edge / 1RBMAX- 64QAM



Date: 23 JUL 2020 23:10:16



Date: 23 JUL 2020 23:30:04

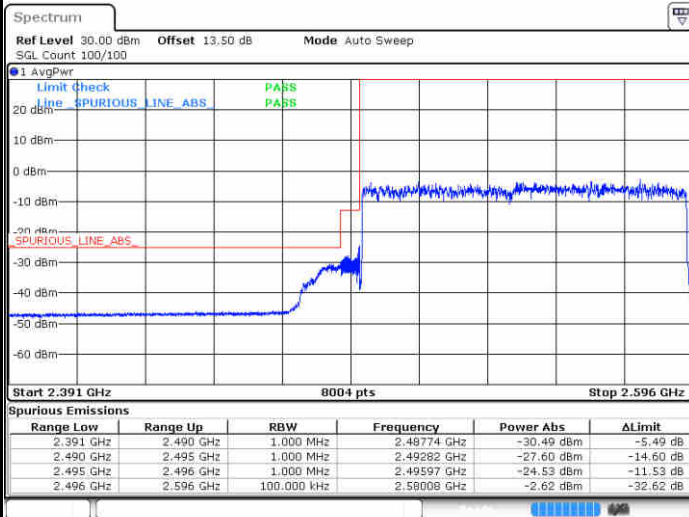


Date: 23 JUL 2020 23:27:52



## Lowest Band Edge / FULLRB BPSK

## Highest Band Edge / FULLRB BPSK



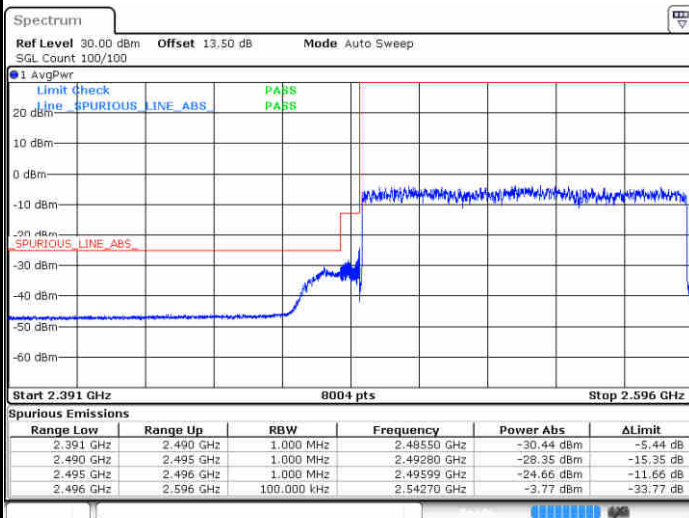
Date: 23 JUL 2020 23:10:50



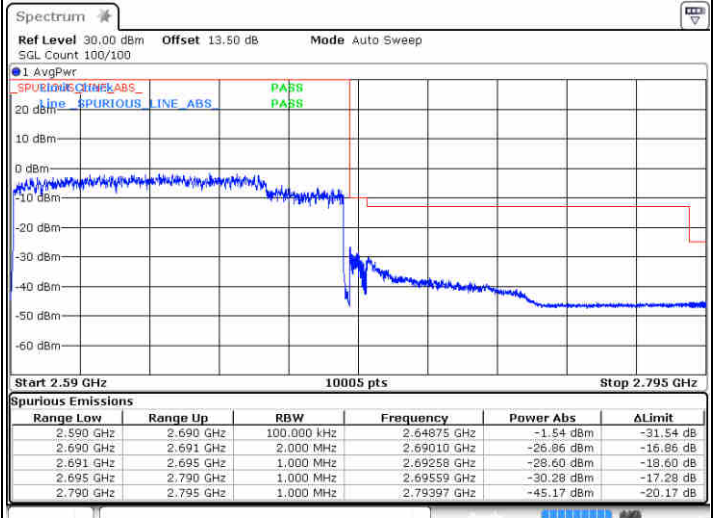
Date: 23 JUL 2020 23:02:55

## Lowest Band Edge / FULLRB QPSK

## Highest Band Edge / FULLRB QPSK



Date: 23 JUL 2020 23:11:02

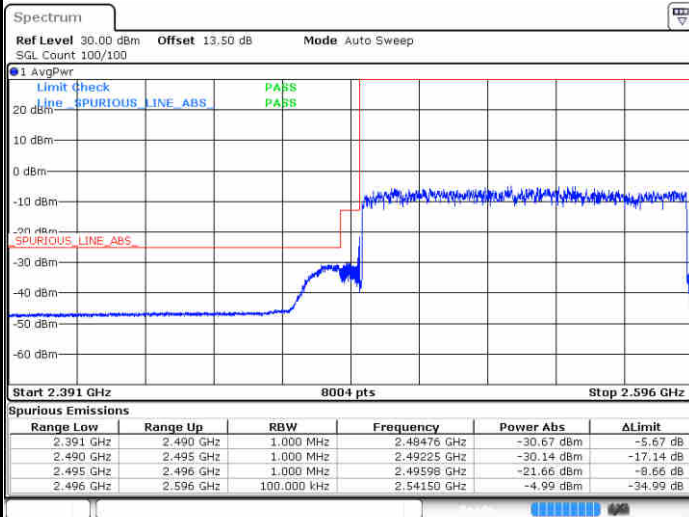


Date: 23 JUL 2020 23:04:52

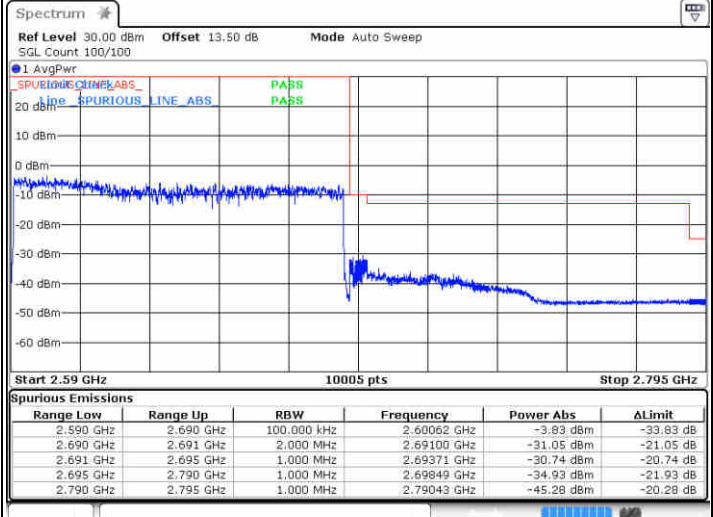


## Lowest Band Edge / FULLRB 16QAM

## Highest Band Edge / FULLRB 16QAM



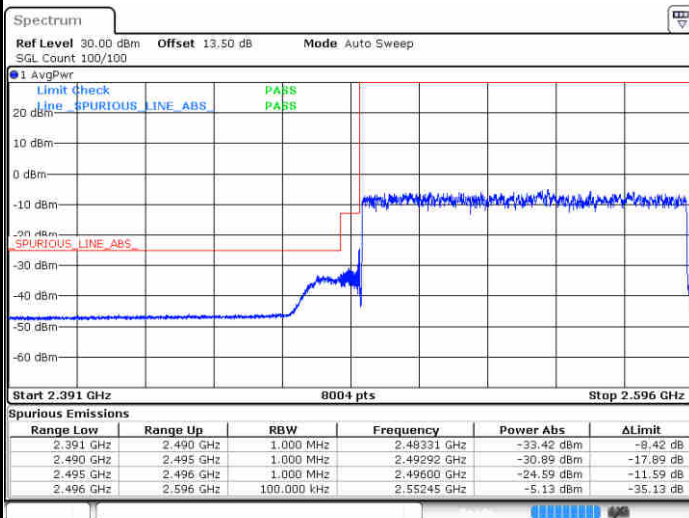
Date: 23 JUL 2020 23:11:16



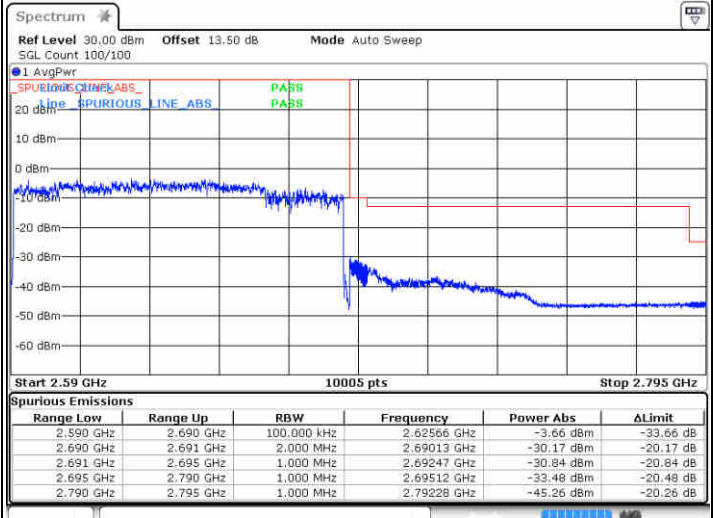
Date: 23 JUL 2020 23:06:21

## Lowest Band Edge / FULLRB 64QAM

## Highest Band Edge / FULLRB 64QAM



Date: 23 JUL 2020 23:11:29



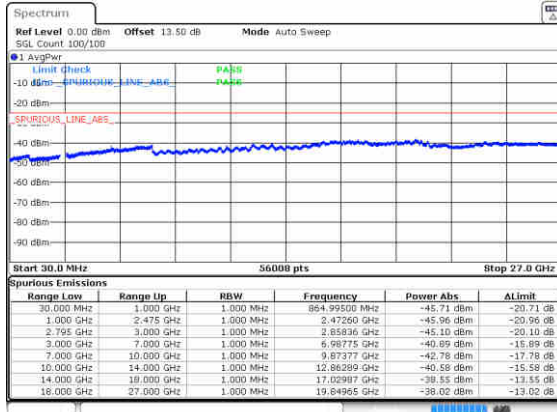
Date: 23 JUL 2020 23:05:45



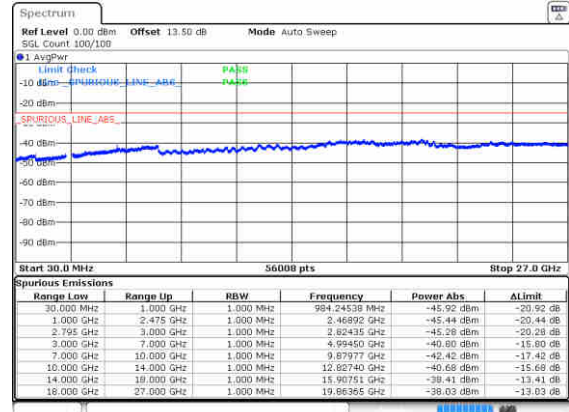
# Conducted Spurious Emission

## NR 20MHz

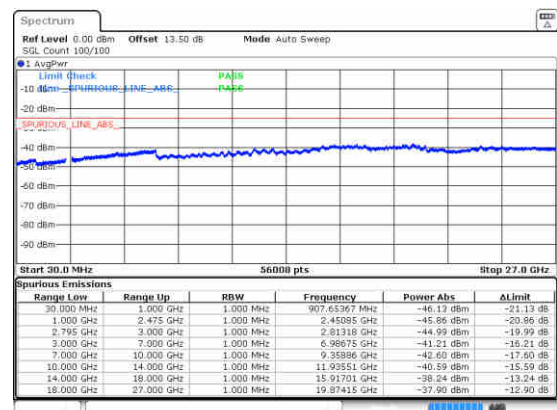
### Lowest Channel / BPSK



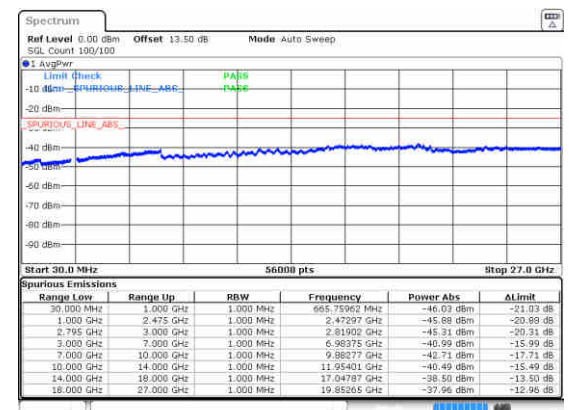
### Lowest Channel / QPSK



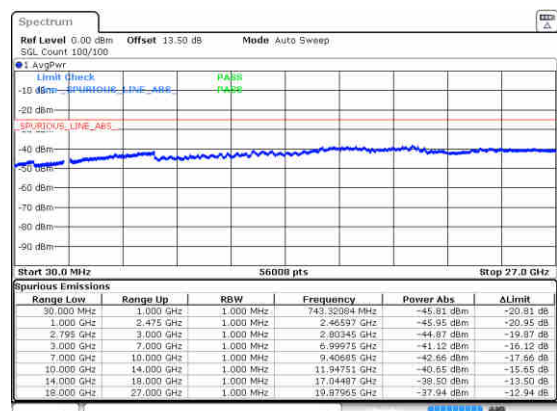
### Middle Channel / BPSK



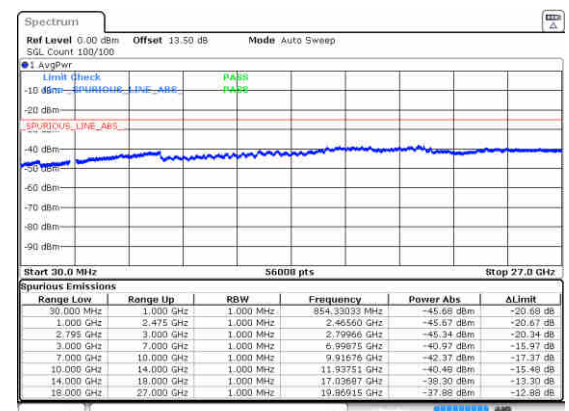
### Middle Channel / QPSK



### Highest Channel / BPSK



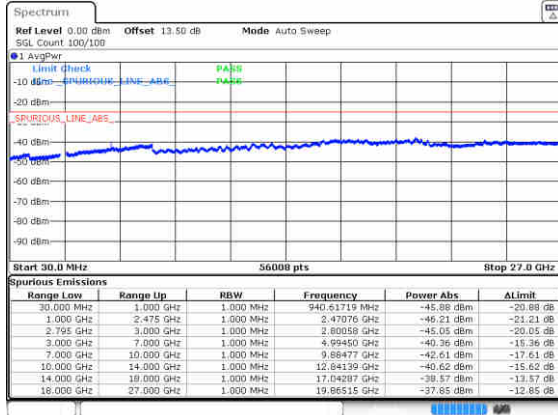
### Highest Channel / QPSK



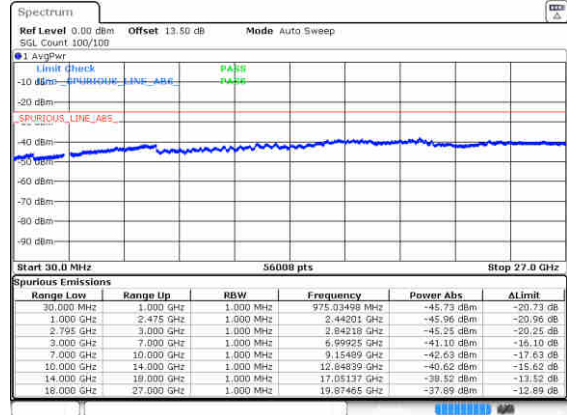


## NR 20MHz

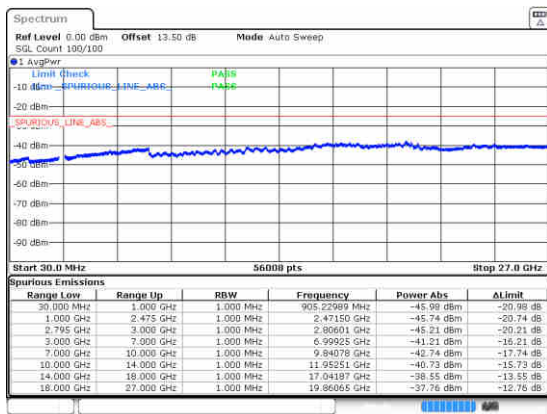
## Lowest Channel / 16QAM



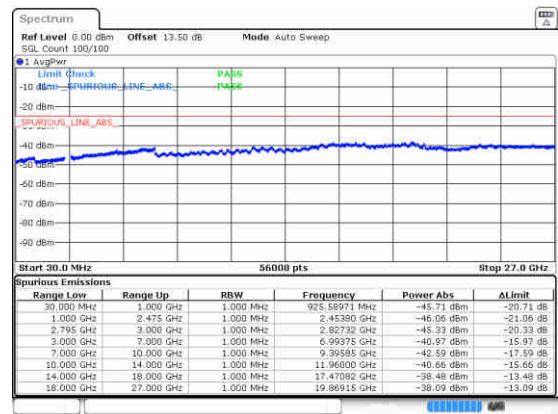
## Lowest Channel / 64QAM



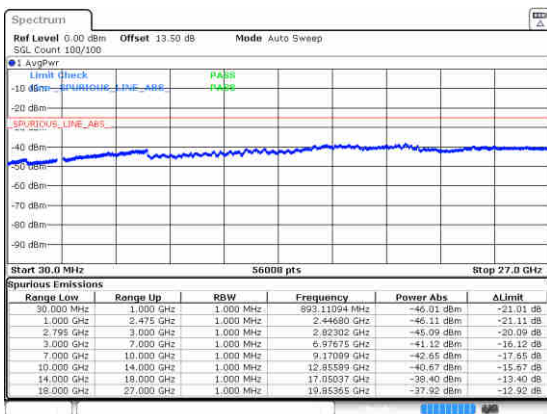
## Middle Channel / 16QAM



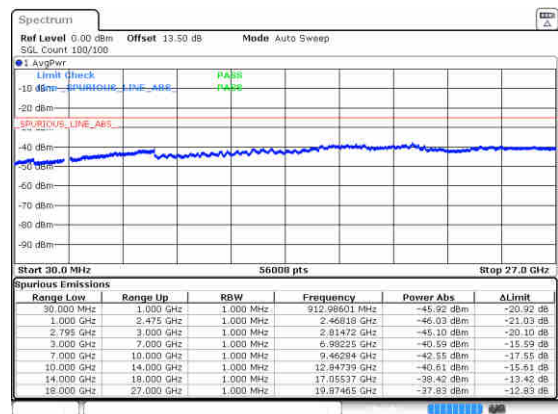
## Middle Channel / 64QAM



## Highest Channel / 16QAM



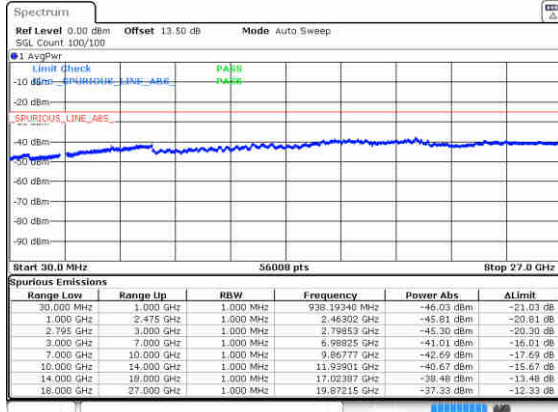
## Highest Channel / 64QAM





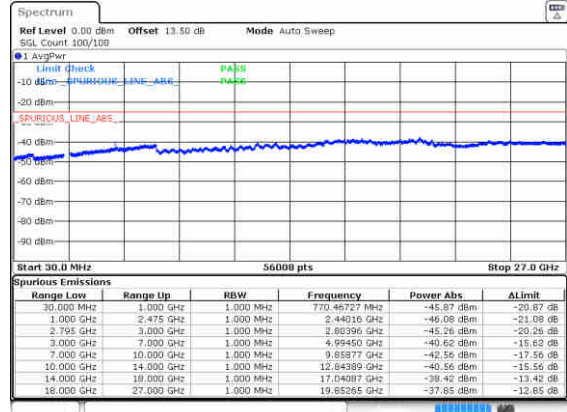
## NR 40MHz

## Lowest Channel / BPSK



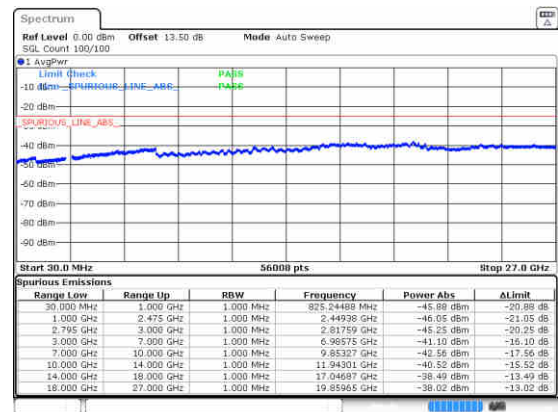
Data: 17-11-2020, 04:53:03

## Lowest Channel / QPSK



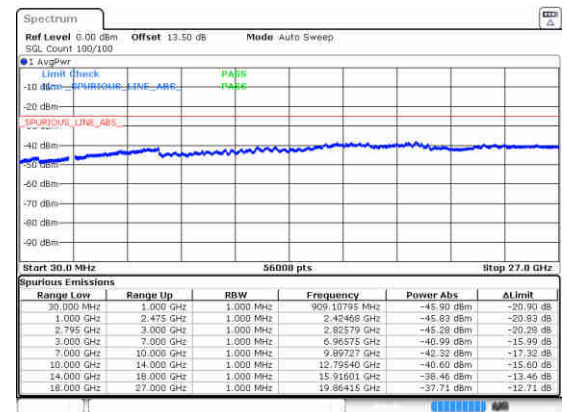
Data: 17-11-2020, 04:53:08

## Middle Channel / BPSK



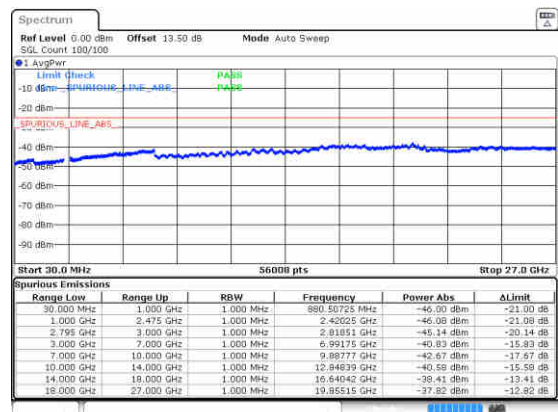
Data: 17-11-2020, 04:53:03

## Middle Channel / QPSK



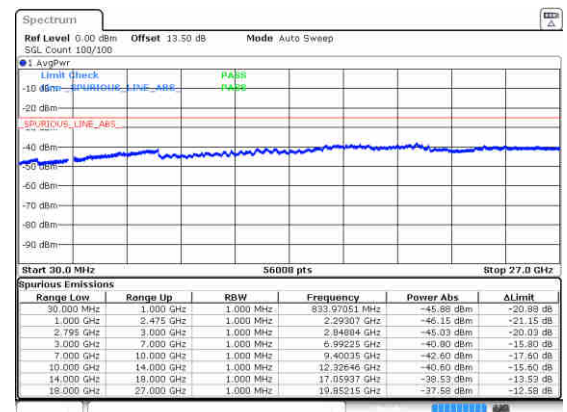
Data: 17-11-2020, 04:53:08

## Highest Channel / BPSK



Data: 17-11-2020, 04:53:03

## Highest Channel / QPSK

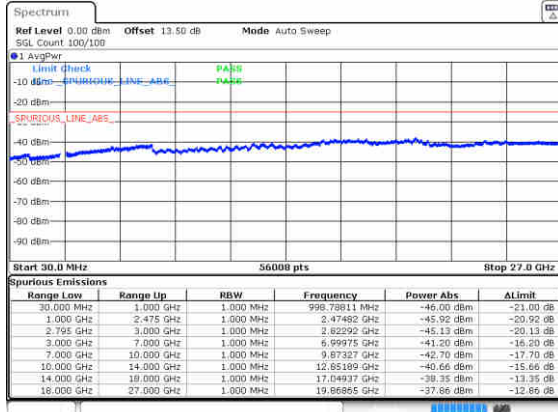


Data: 17-11-2020, 04:53:08

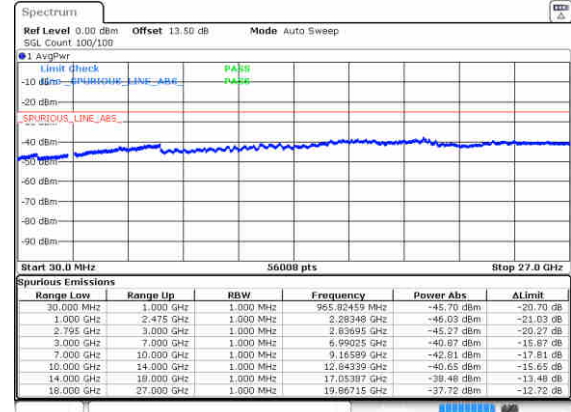


## NR 40MHz

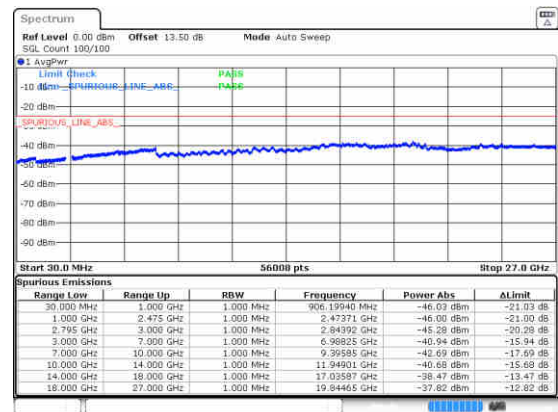
## Lowest Channel / 16QAM



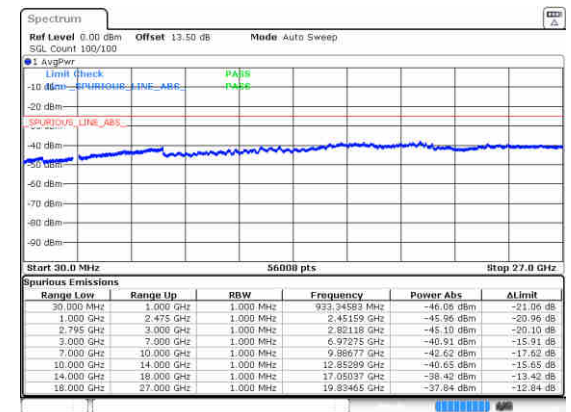
## Lowest Channel / 64QAM



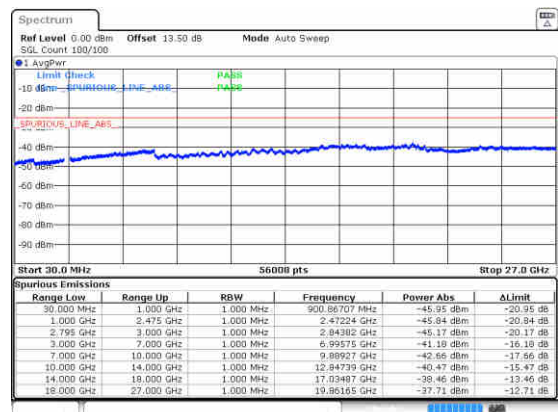
## Middle Channel / 16QAM



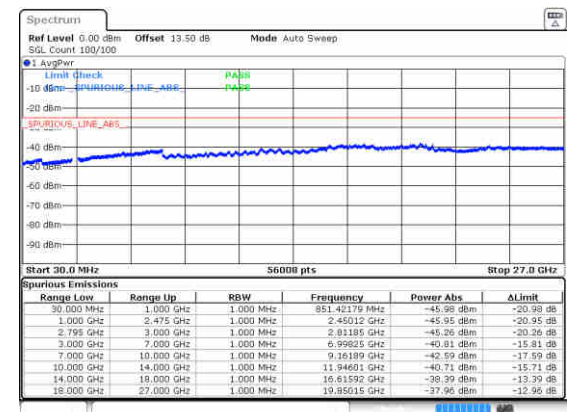
## Middle Channel / 64QAM



## Highest Channel / 16QAM



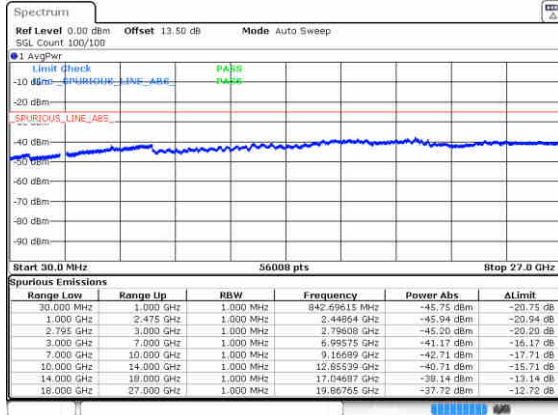
## Highest Channel / 64QAM



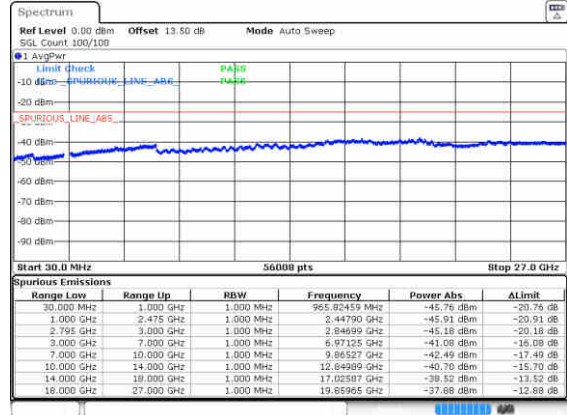


## NR 50MHz

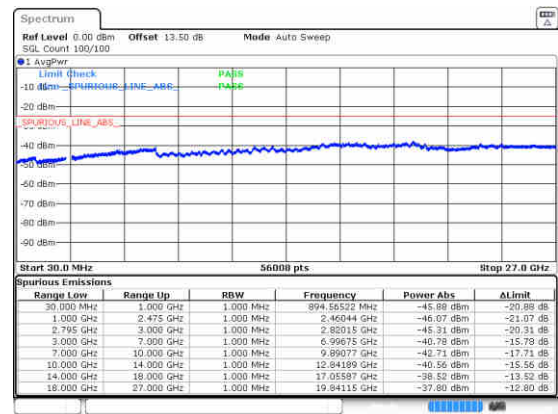
## Lowest Channel / BPSK



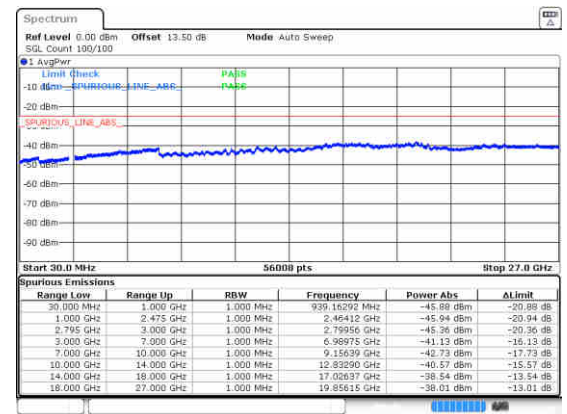
## Lowest Channel / QPSK



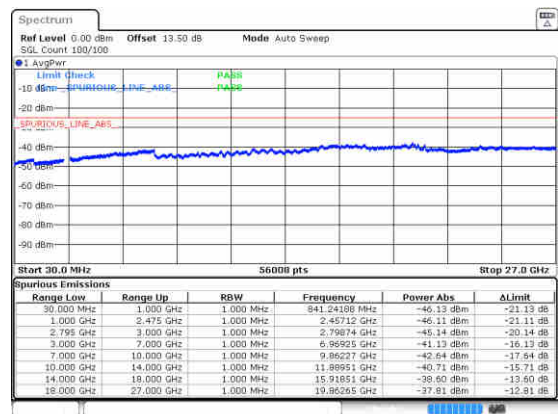
## Middle Channel / BPSK



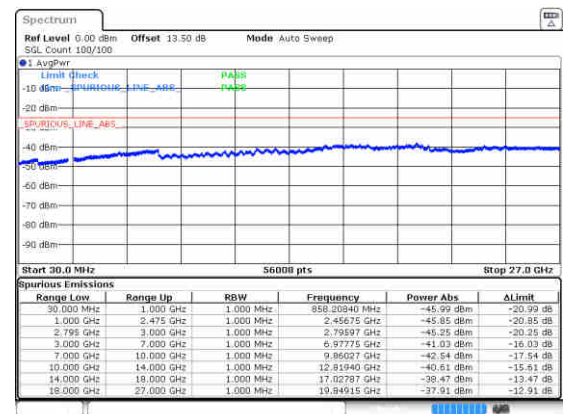
## Middle Channel / QPSK



## Highest Channel / BPSK



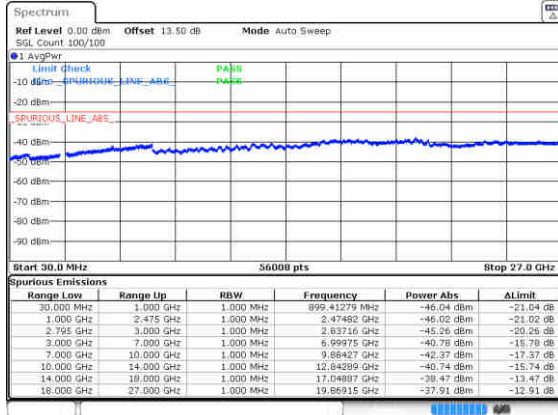
## Highest Channel / QPSK



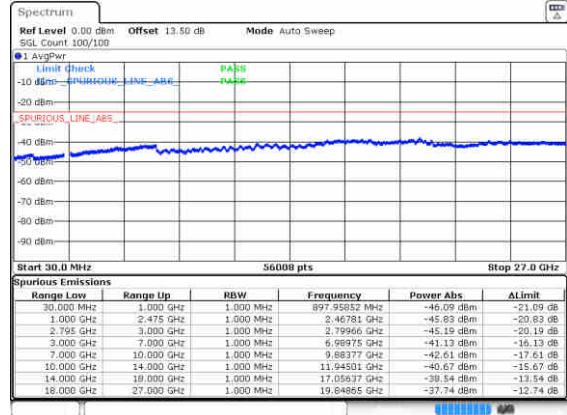


## NR 50MHz

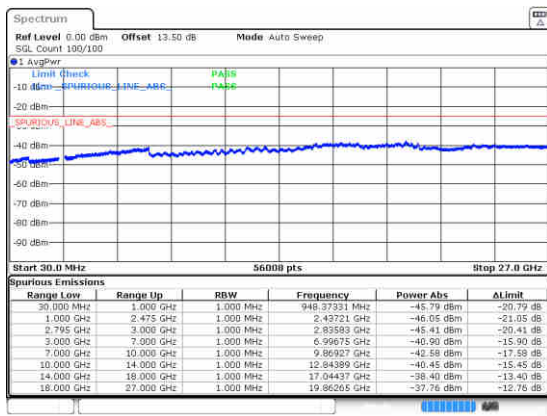
## Lowest Channel / 16QAM



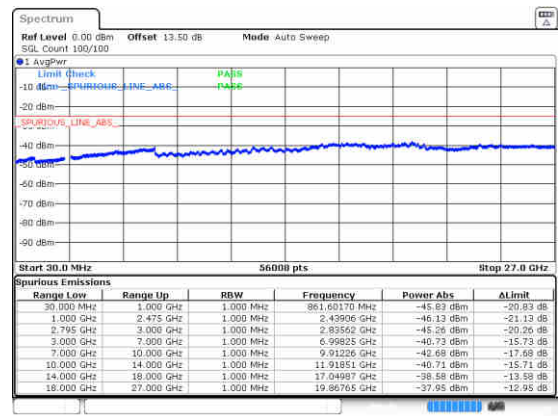
## Lowest Channel / 64QAM



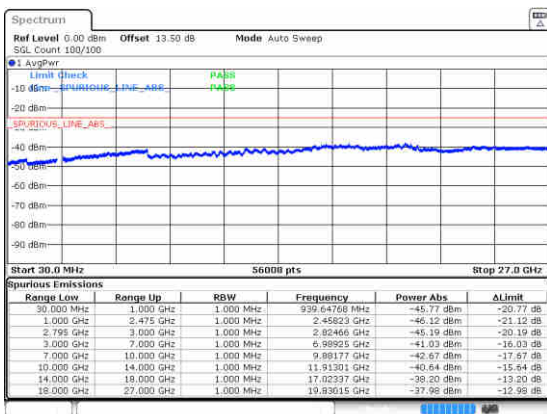
## Middle Channel / 16QAM



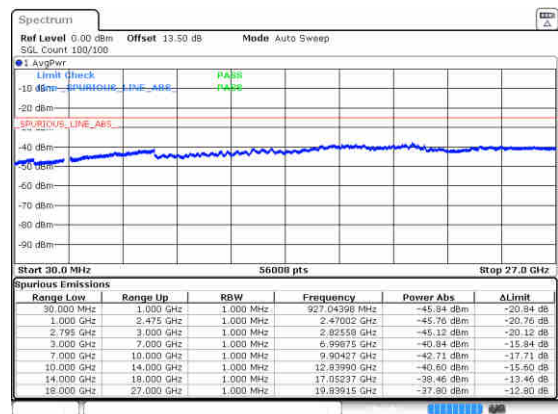
## Middle Channel / 64QAM



## Highest Channel / 16QAM



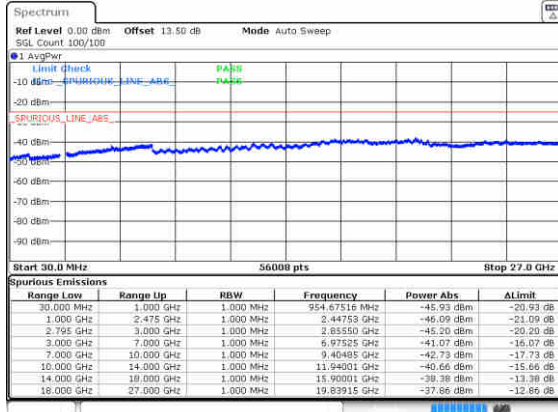
## Highest Channel / 64QAM



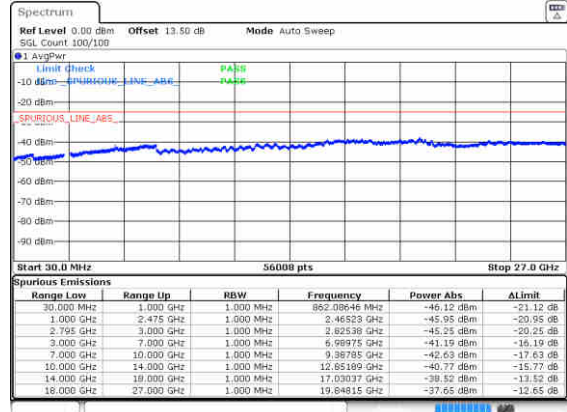


## NR 60MHz

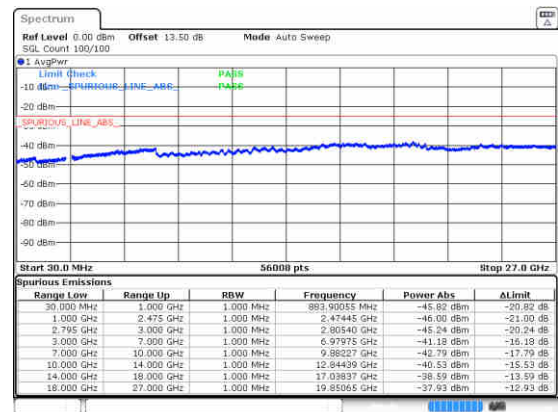
## Lowest Channel / BPSK



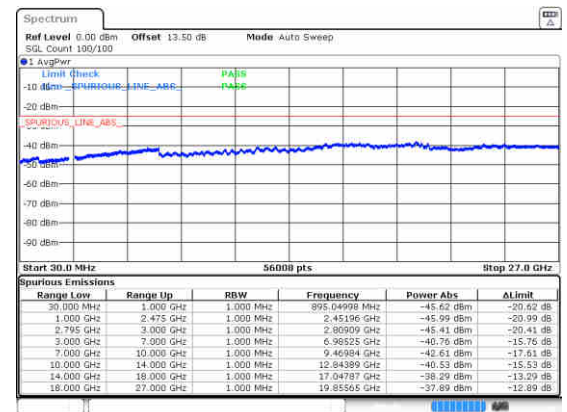
## Lowest Channel / QPSK



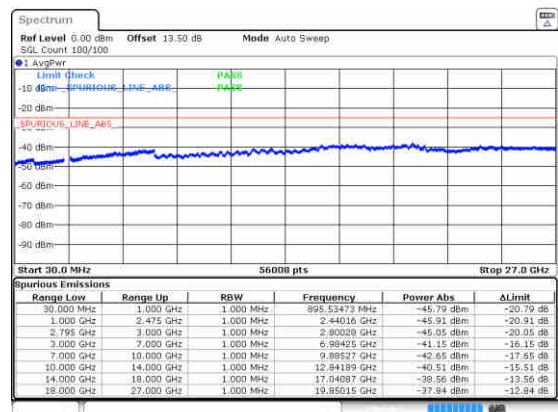
## Middle Channel / BPSK



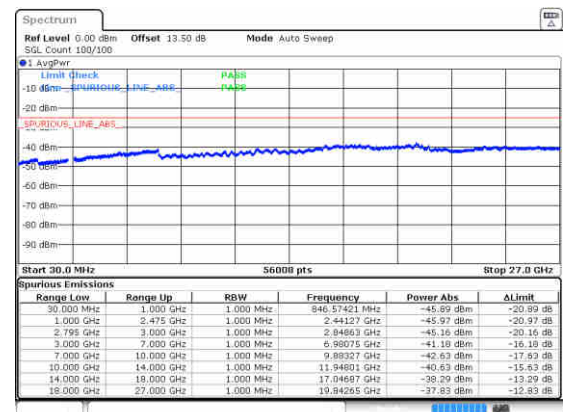
## Middle Channel / QPSK



## Highest Channel / BPSK



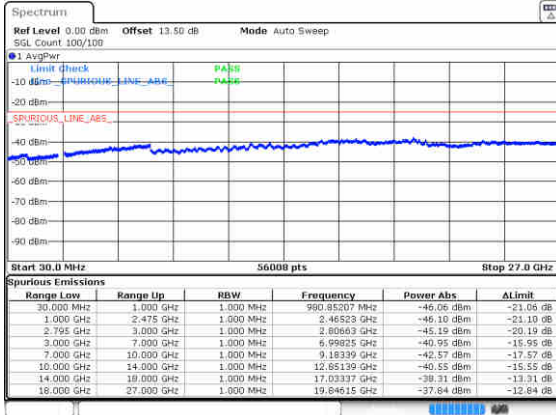
## Highest Channel / QPSK



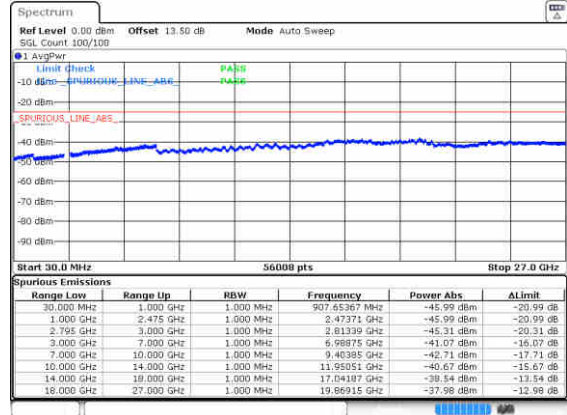


## NR 60MHz

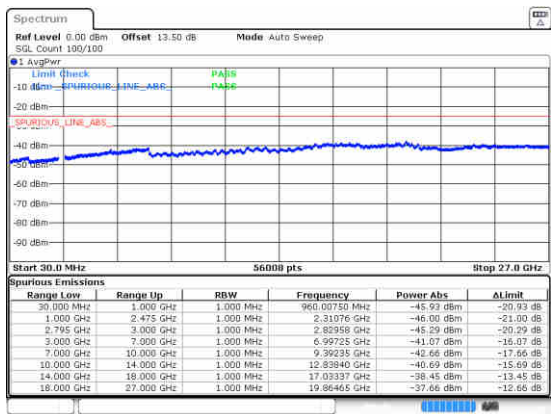
## Lowest Channel / 16QAM



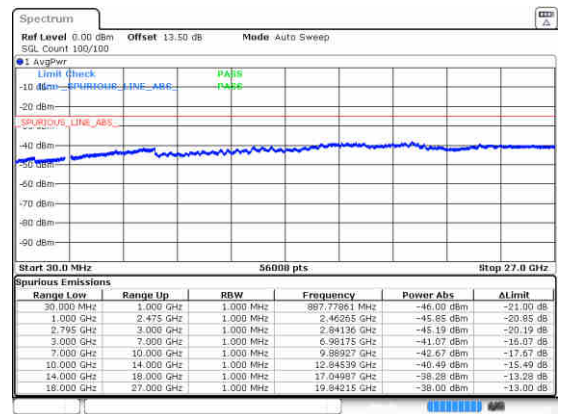
## Lowest Channel / 64QAM



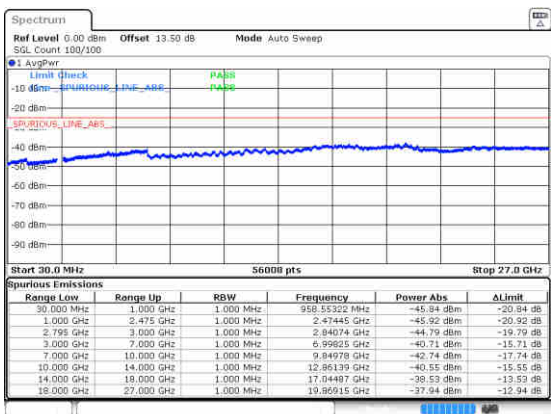
## Middle Channel / 16QAM



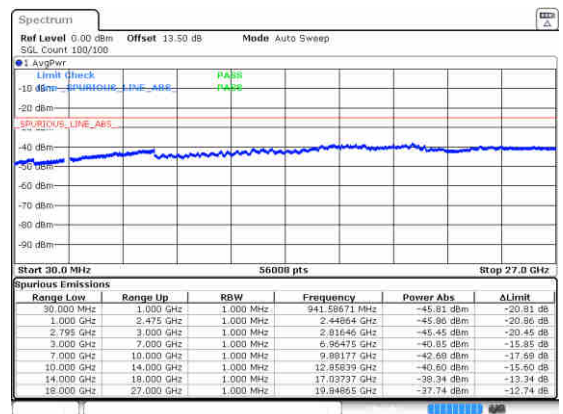
## Middle Channel / 64QAM



## Highest Channel / 16QAM



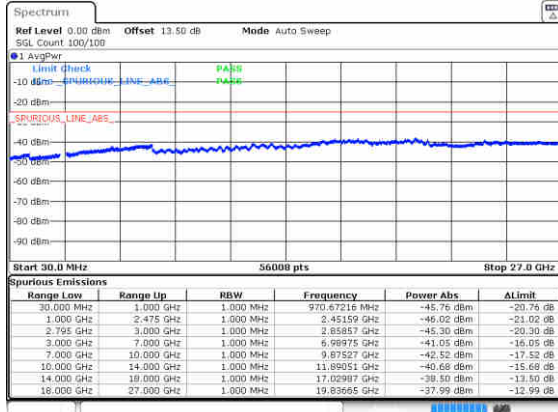
## Highest Channel / 64QAM



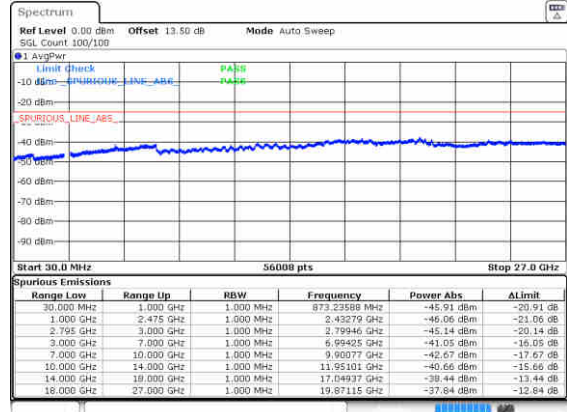


## NR 80MHz

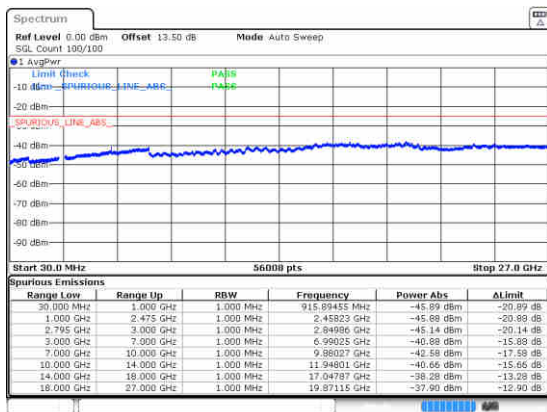
## Lowest Channel / BPSK



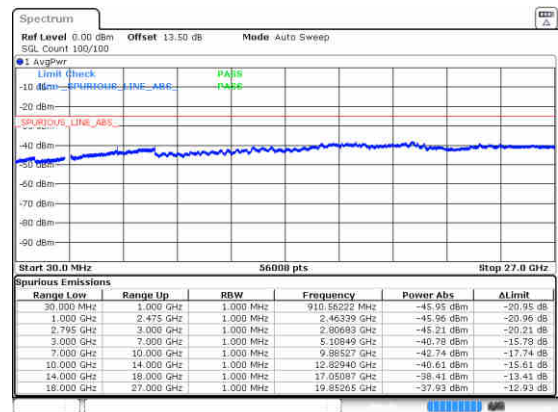
## Lowest Channel / QPSK



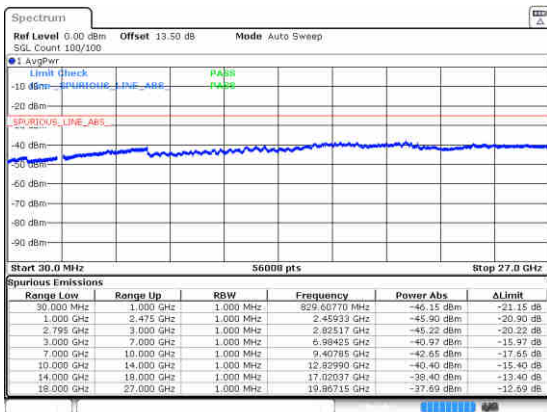
## Middle Channel / BPSK



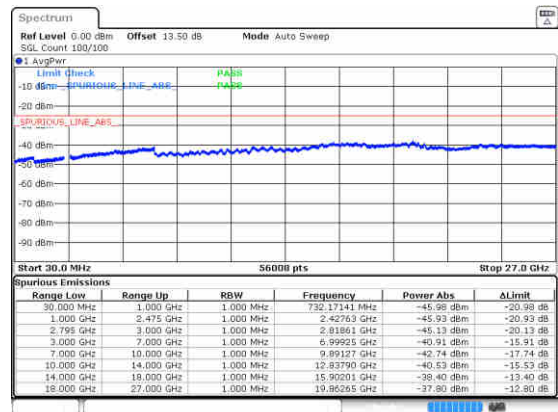
## Middle Channel / QPSK



## Highest Channel / BPSK



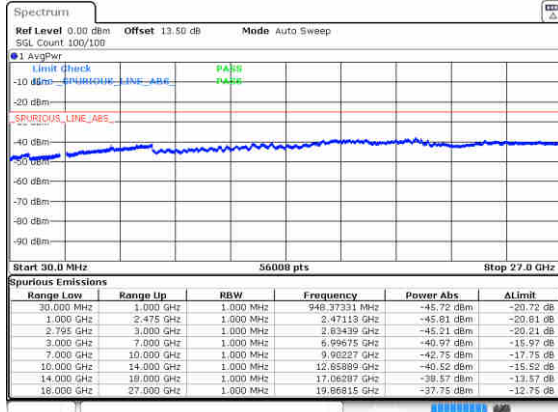
## Highest Channel / QPSK



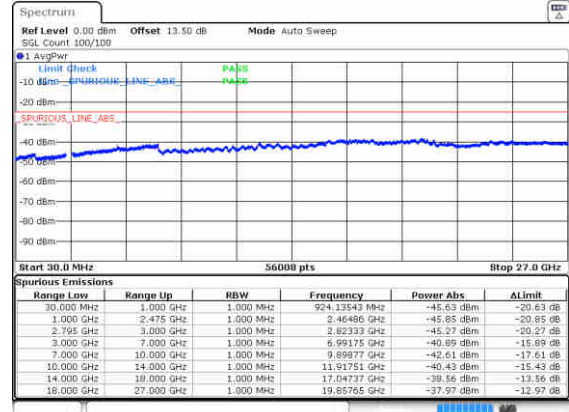


## NR 80MHz

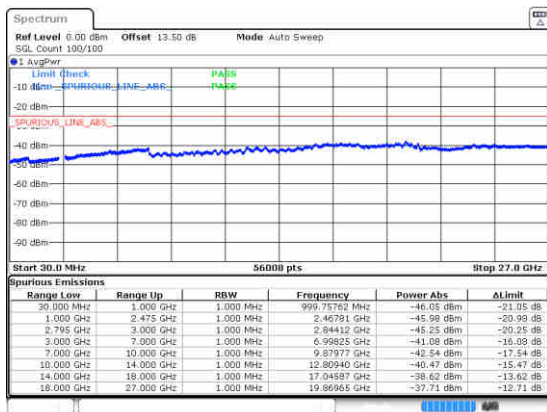
## Lowest Channel / 16QAM



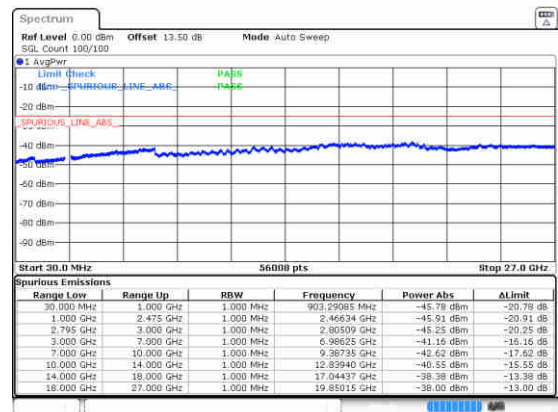
## Lowest Channel / 64QAM



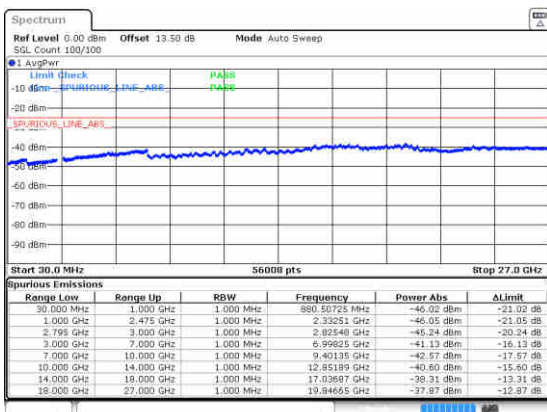
## Middle Channel / 16QAM



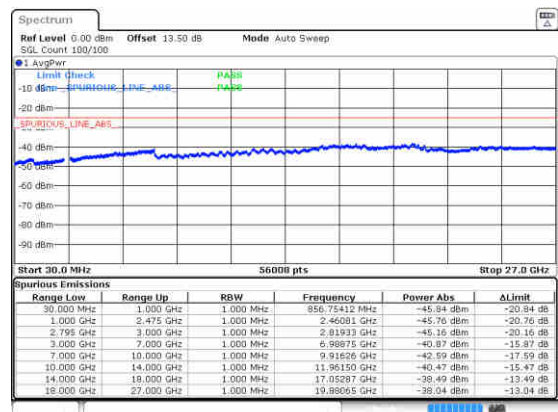
## Middle Channel / 64QAM



## Highest Channel / 16QAM



## Highest Channel / 64QAM

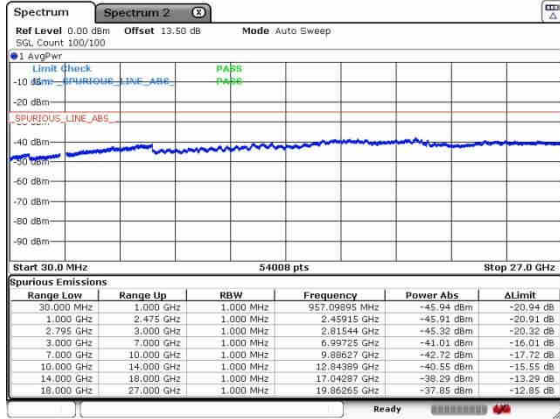




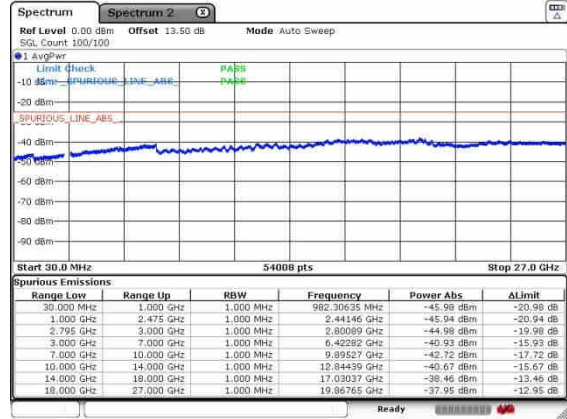


## NR 90MHz

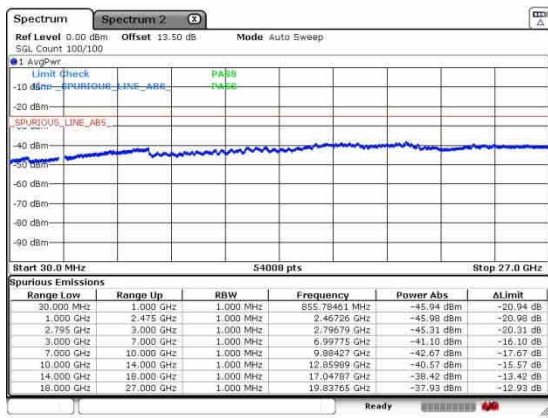
## Lowest Channel / 16QAM



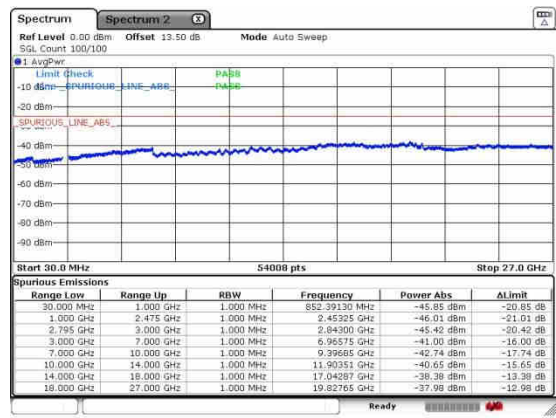
## Lowest Channel / 64QAM



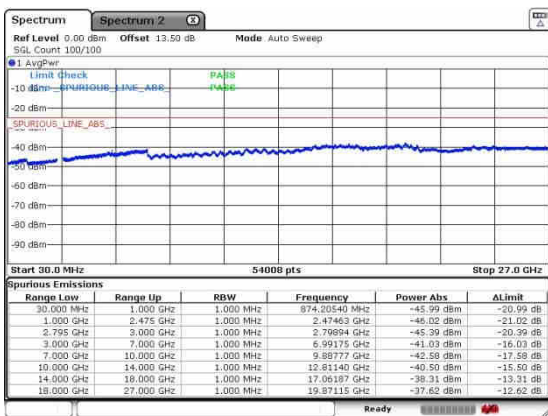
## Middle Channel / 16QAM



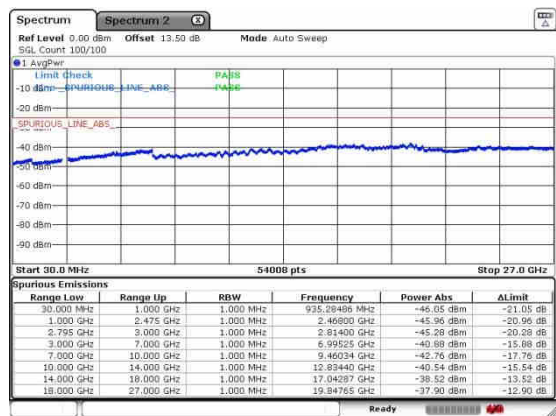
## Middle Channel / 64QAM



## Highest Channel / 16QAM



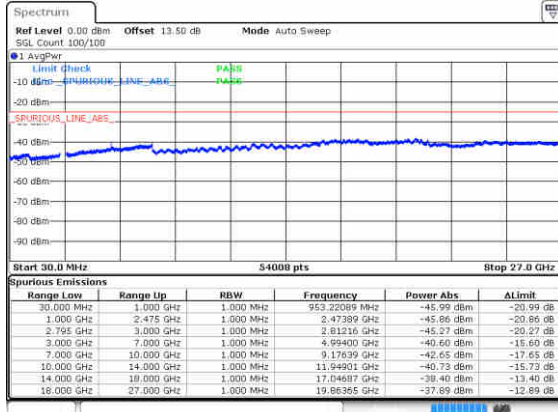
## Highest Channel / 64QAM





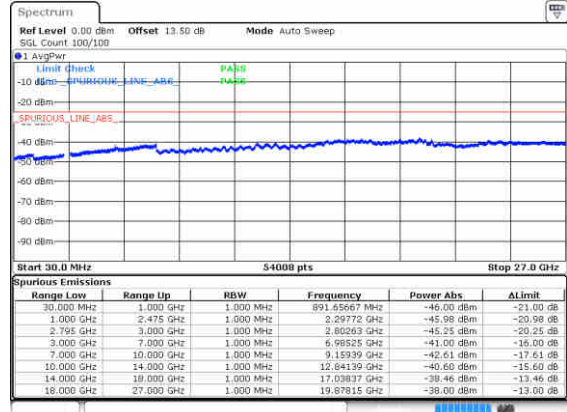
## NR 100MHz

## Lowest Channel / BPSK



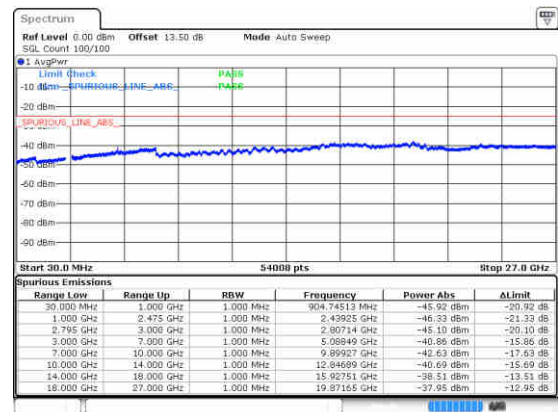
Date: 20\_08\_2020\_09:33:04

## Lowest Channel / QPSK



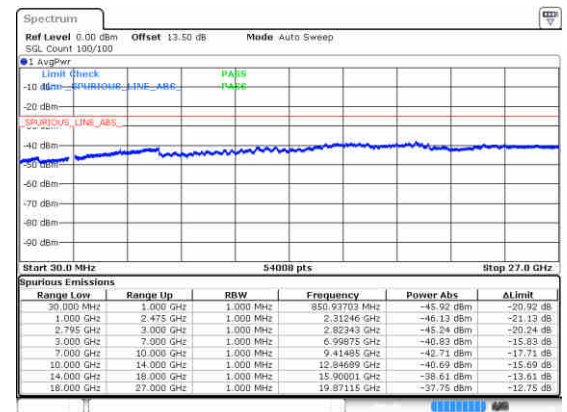
Date: 20\_08\_2020\_09:33:63

## Middle Channel / BPSK



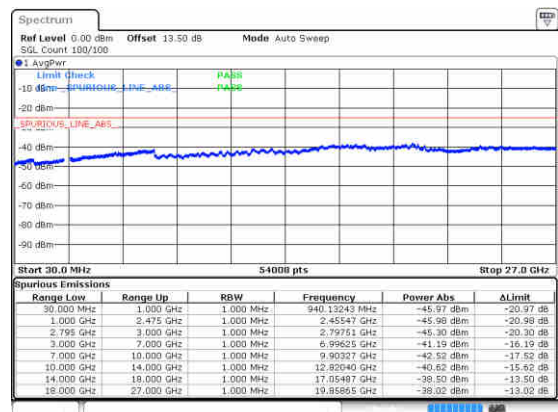
Date: 20\_08\_2020\_09:33:63

## Middle Channel / QPSK



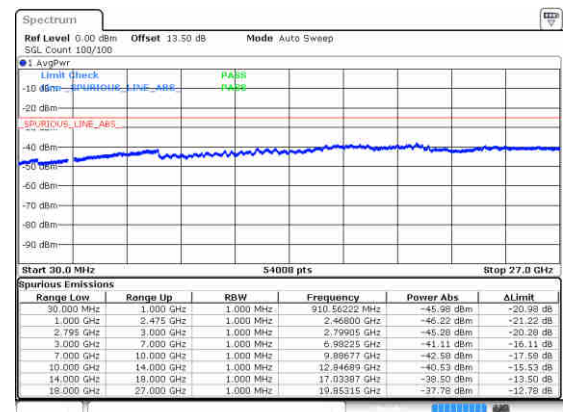
Date: 20\_08\_2020\_09:33:63

## Highest Channel / BPSK



Date: 20\_08\_2020\_09:33:63

## Highest Channel / QPSK

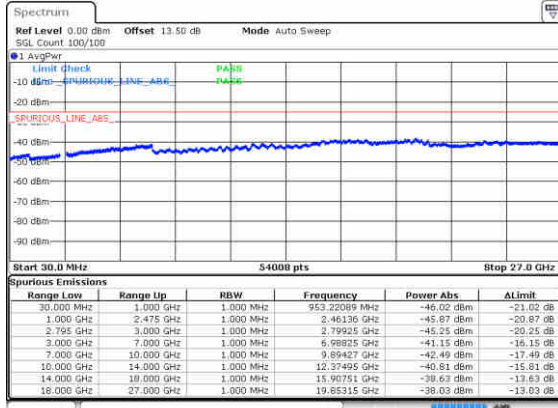


Date: 20\_08\_2020\_09:33:63

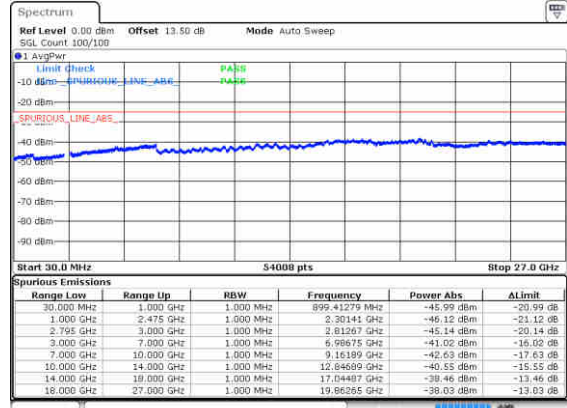


## NR 100MHz

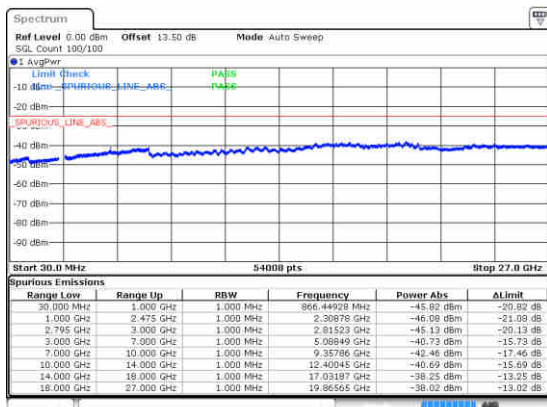
## Lowest Channel / 16QAM



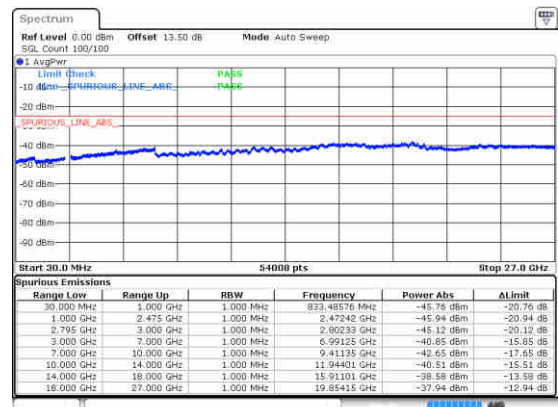
## Lowest Channel / 64QAM



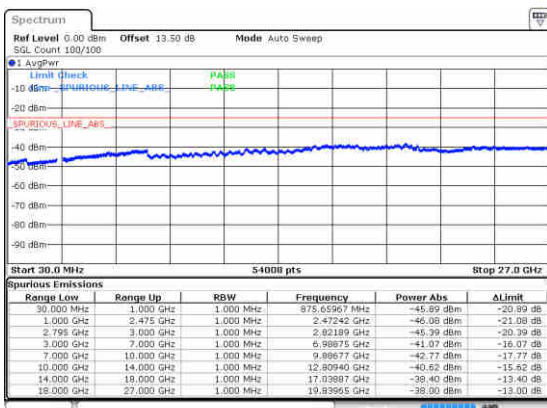
## Middle Channel / 16QAM



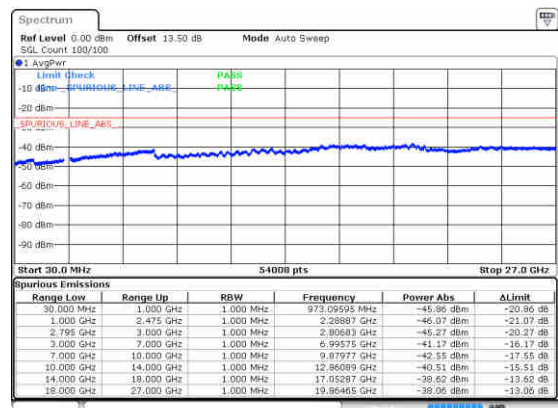
## Middle Channel / 64QAM



## Highest Channel / 16QAM



## Highest Channel / 64QAM



**Frequency Stability**

| Test Conditions  |                   | n41A (BPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | LTE 10MHz + NR 20MHz         | Note 2. |
|                  |                   | Deviation (ppm)              | Result  |
| 50               | Normal Voltage    | 0.0012                       | PASS    |
| 40               | Normal Voltage    | 0.0013                       |         |
| 30               | Normal Voltage    | 0.0017                       |         |
| 20(Ref.)         | Normal Voltage    | 0.0011                       |         |
| 10               | Normal Voltage    | 0.0002                       |         |
| 0                | Normal Voltage    | 0.0026                       |         |
| -10              | Normal Voltage    | 0.0007                       |         |
| -20              | Normal Voltage    | 0.0009                       |         |
| -30              | Normal Voltage    | 0.0002                       |         |
| 20               | Maximum Voltage   | 0.0013                       |         |
| 20               | Normal Voltage    | 0.0019                       |         |
| 20               | Battery End Point | 0.0006                       |         |

**Note:**

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

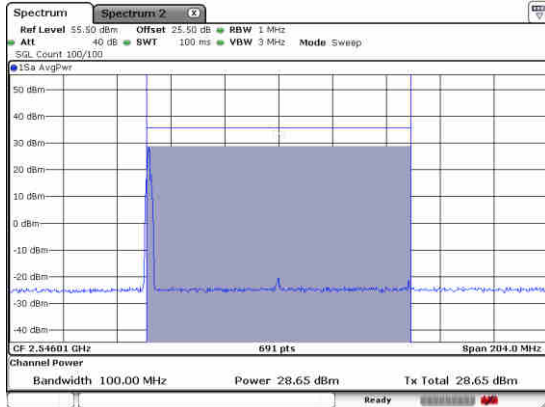
**EN-DC\_41A\_n41****Peak-to-Average Ratio**

| Mode       | N 41 / 100MHz |         |       |         |             |
|------------|---------------|---------|-------|---------|-------------|
| Mod.       | BPSK          |         | QPSK  |         | Limit: 13dB |
| RB Size    | 1RB           | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 5.1           | 6.62    | 5.75  | 6.16    | PASS        |
| Middle CH  | 5.22          | 6.52    | 4.71  | 6.43    |             |
| Highest CH | 7.43          | 6.76    | 6.8   | 6.5     |             |
| Mode       | N41 / 100MHz  |         |       |         |             |
| Mod.       | 16QAM         |         | 64QAM |         | Limit: 13dB |
| RB Size    | 1RB           | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 4.63          | 6.23    | 5.22  | 6.87    | PASS        |
| Middle CH  | 5.82          | 6.89    | 5.41  | 6.44    |             |
| Highest CH | 6.62          | 6.7     | 5.67  | 5.92    |             |

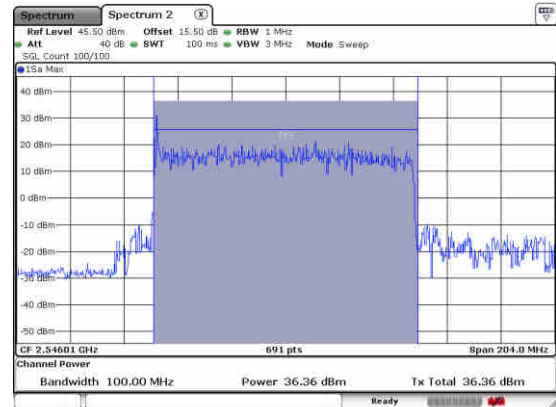
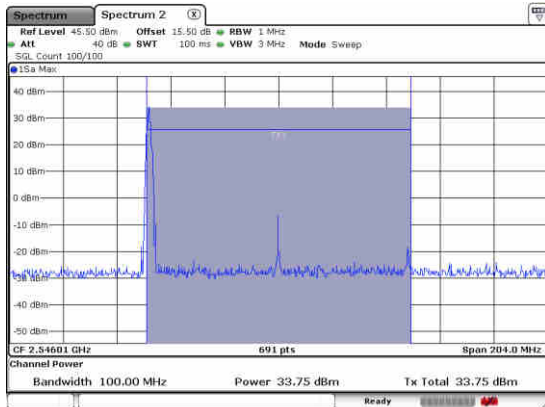
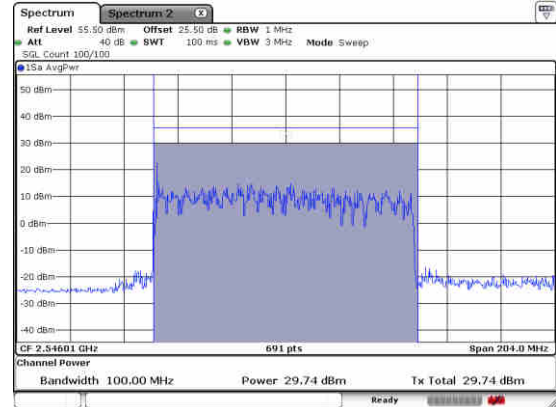


## NR 41-CCDF

## L 1RB0 BPSK

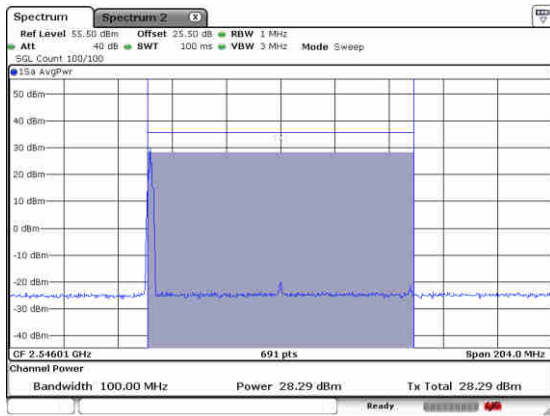


## L FULLRB BPSK

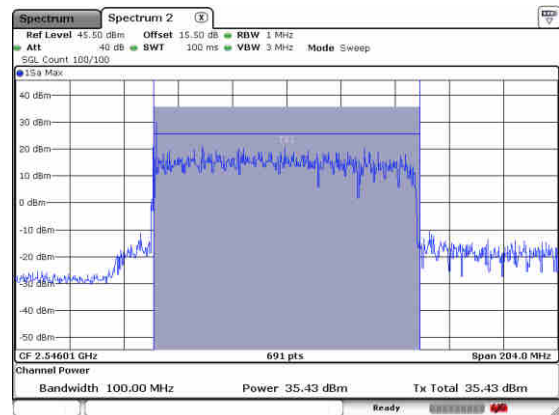
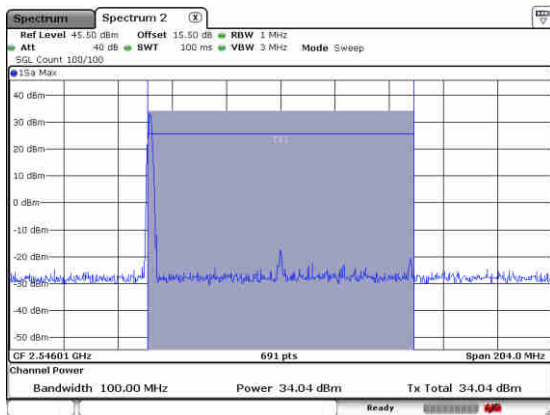
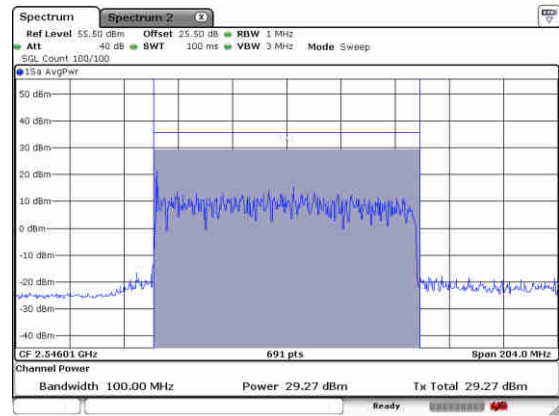




L 1RB0 QPSK

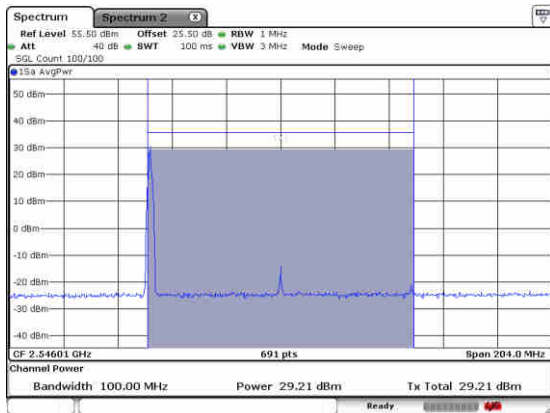


L FULLRB QPSK

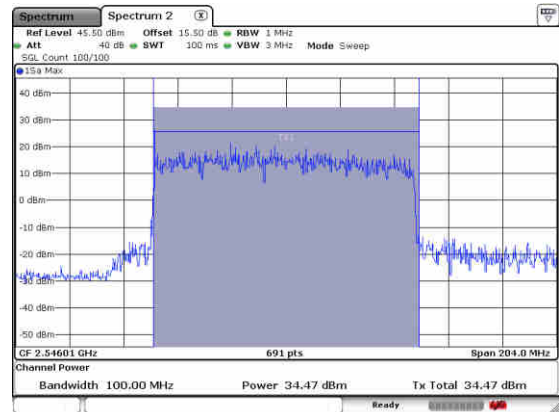
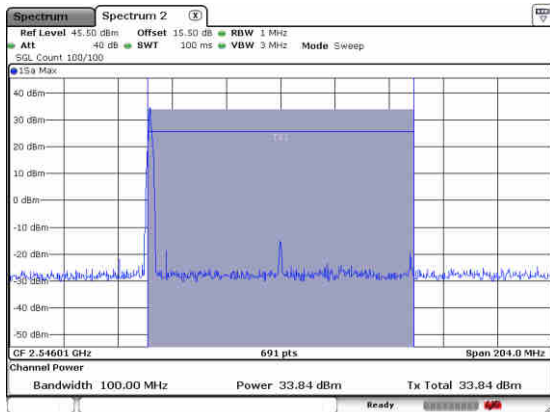
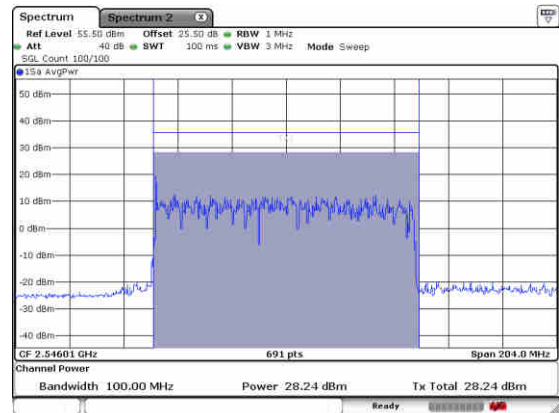




L 1RB0 16QAM

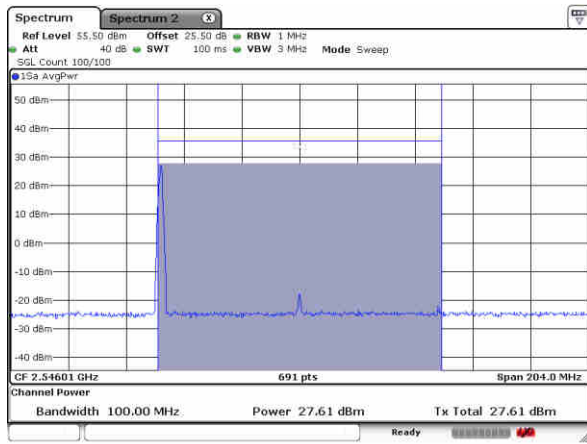


L FULLRB 16QAM



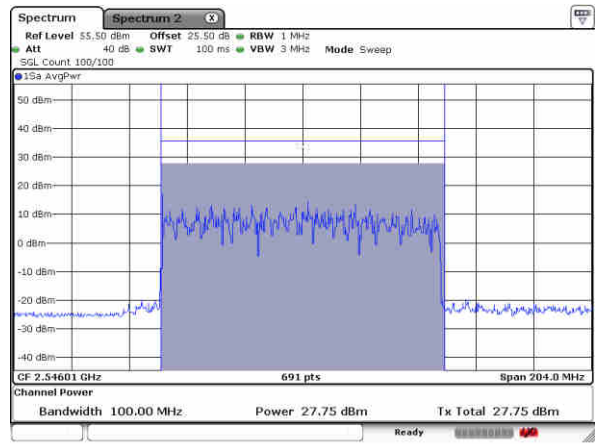


L 1RB0 64QAM

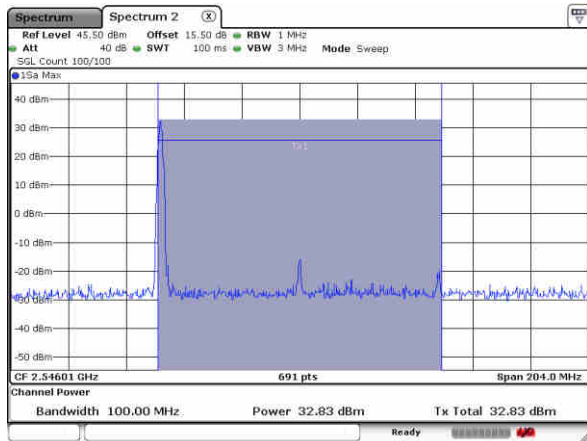


Date: 28 JUL 2020 23:38:18

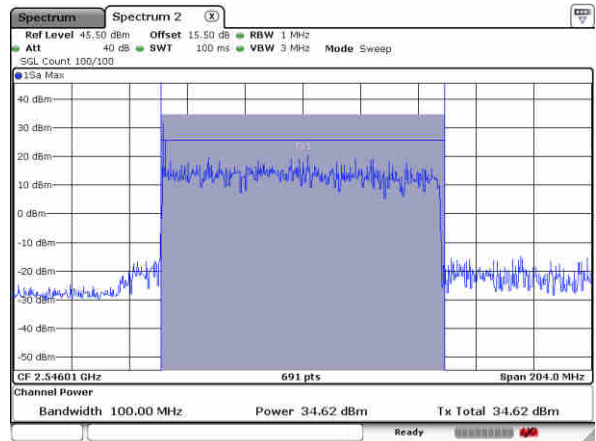
L FULLRB 64QAM



Date: 28 JUL 2020 23:39:24



Date: 28 JUL 2020 23:38:59



Date: 28 JUL 2020 23:40:08

