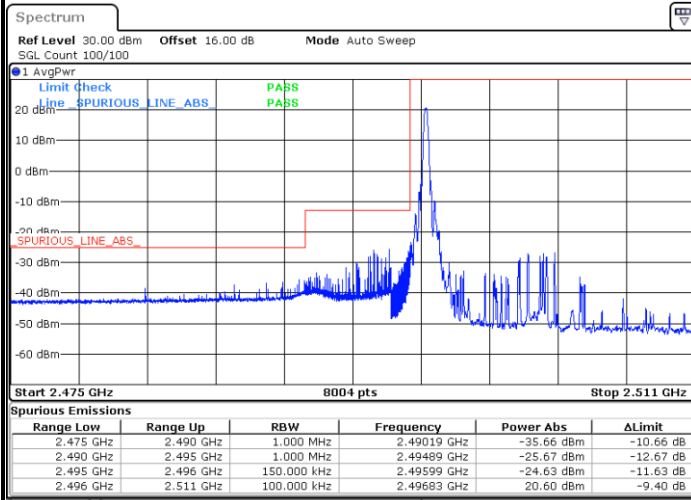


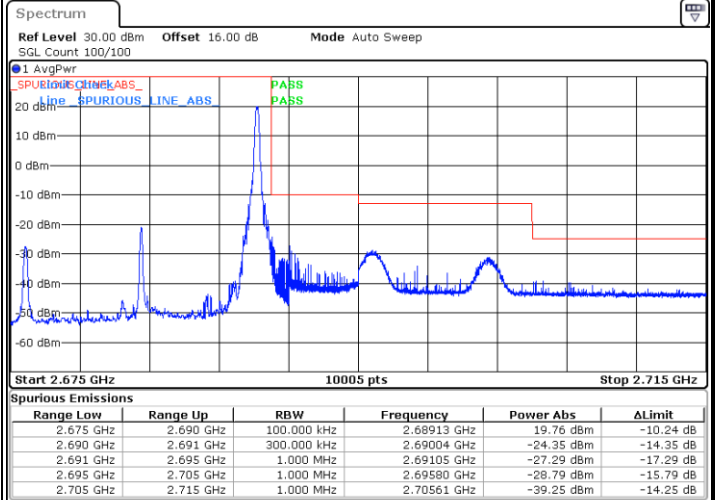


## LTE Band 41 / 15MHz / 64QAM

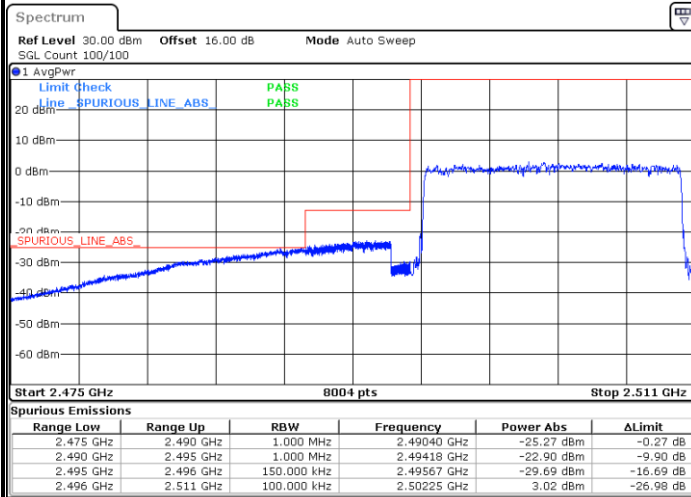
## Lowest Band Edge / 1 RB



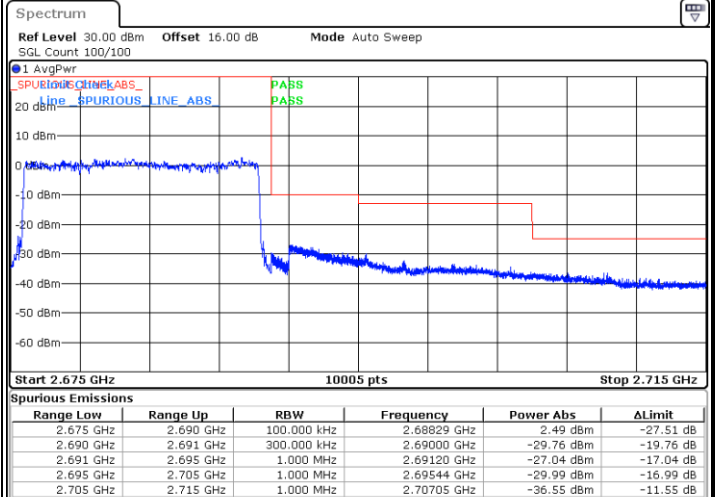
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



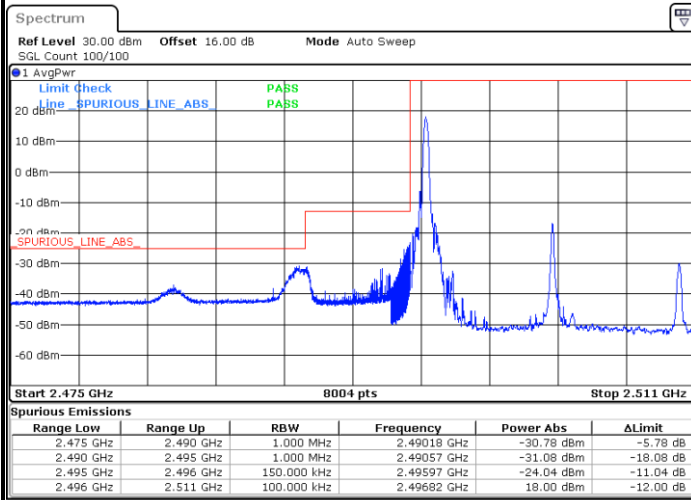
## Highest Band Edge / Full RB



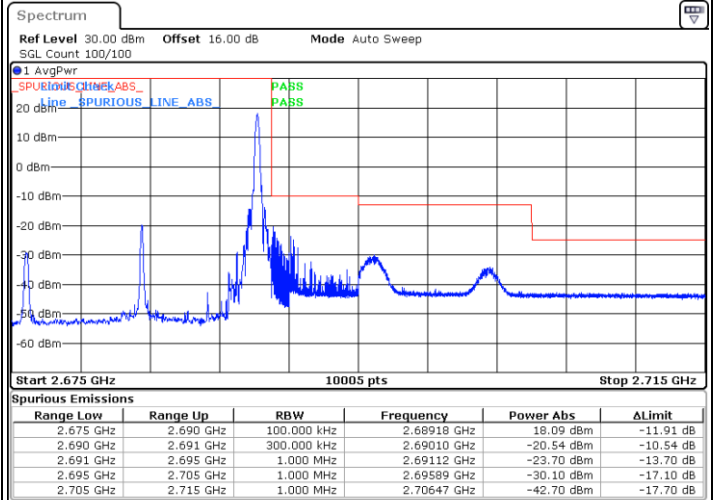


## LTE Band 41 / 15MHz / 256QAM

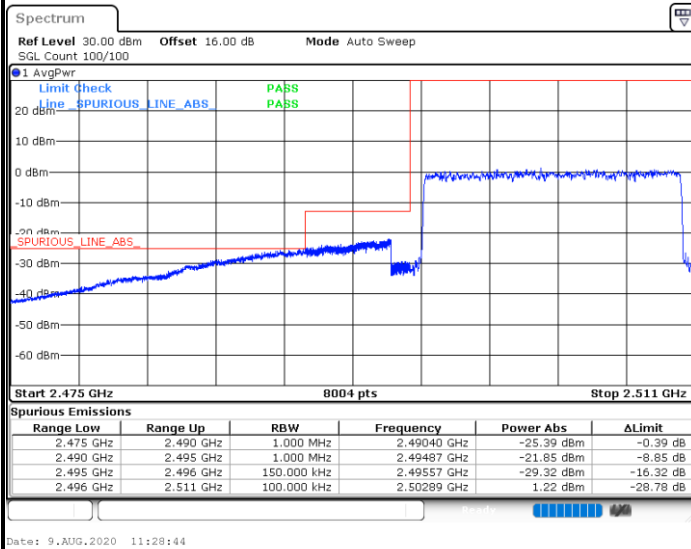
## Lowest Band Edge / 1RB



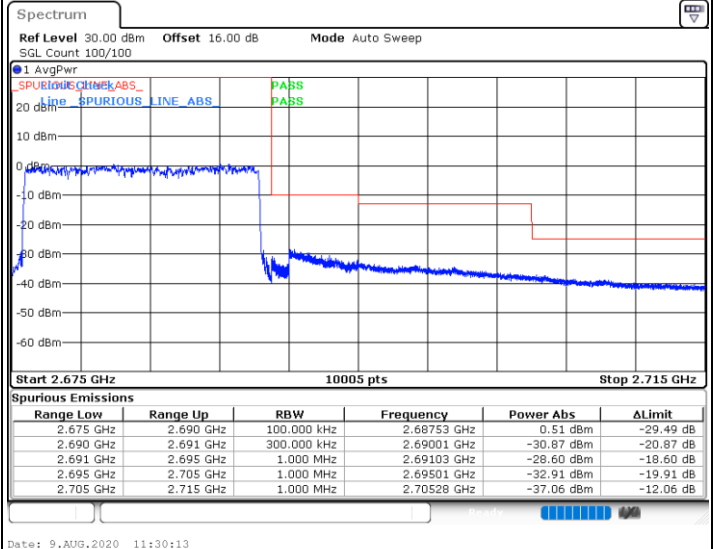
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



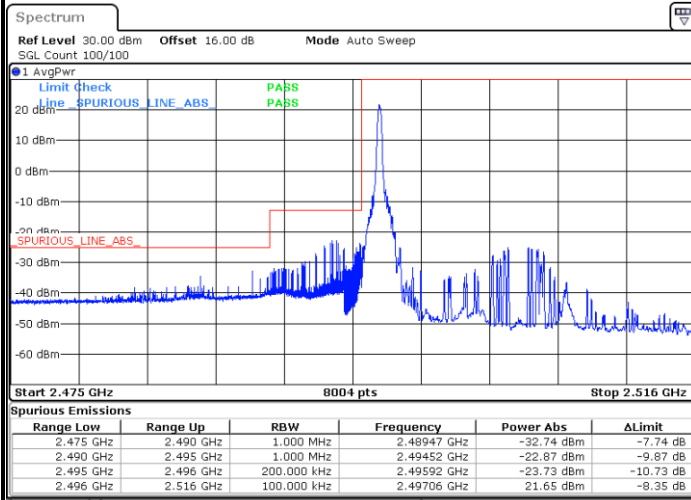
## Highest Band Edge / Full RB



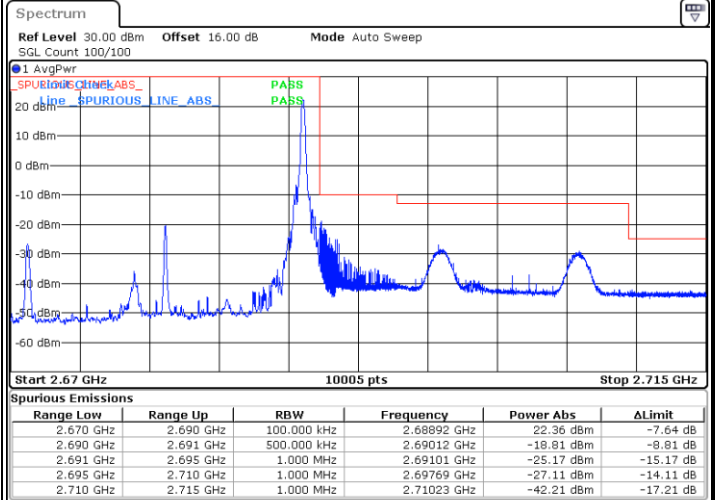


## LTE Band 41 / 20MHz / QPSK

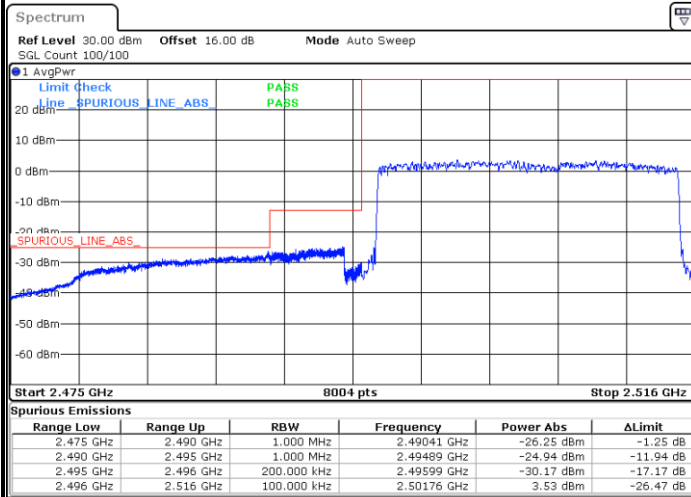
## Lowest Band Edge / 1 RB



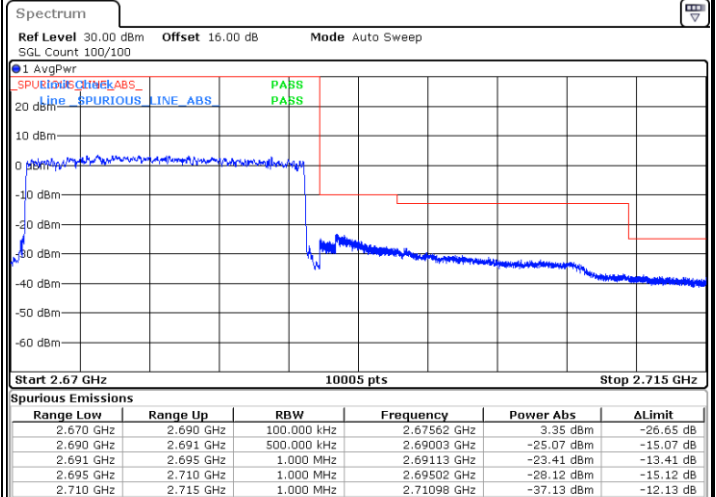
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



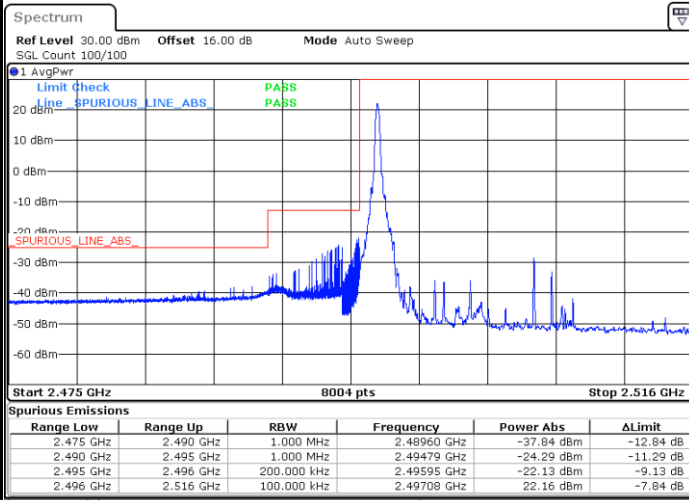
## Highest Band Edge / Full RB



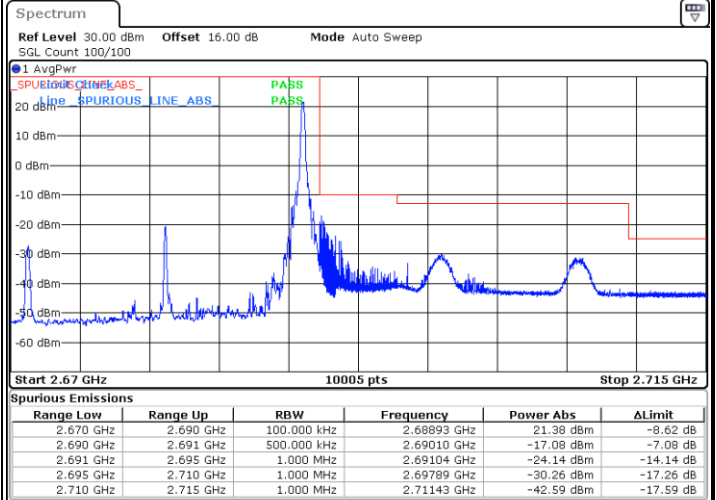


## LTE Band 41 / 20MHz / 16QAM

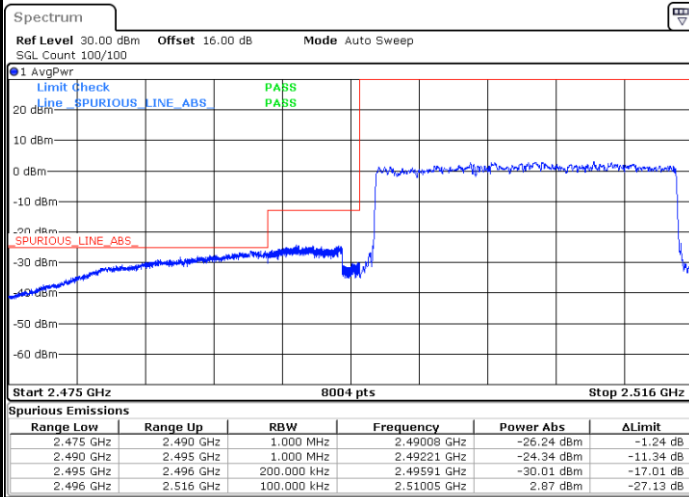
## Lowest Band Edge / 1 RB



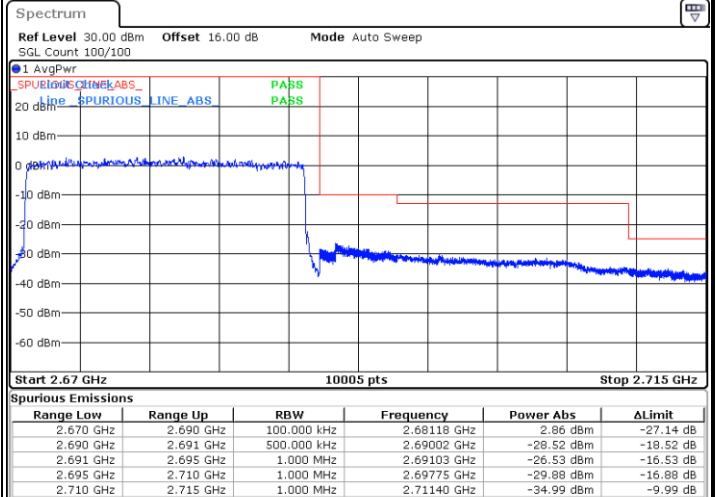
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



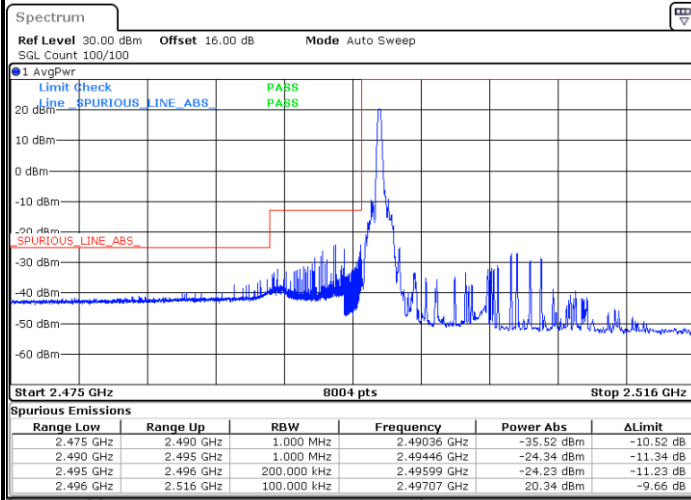
## Highest Band Edge / Full RB



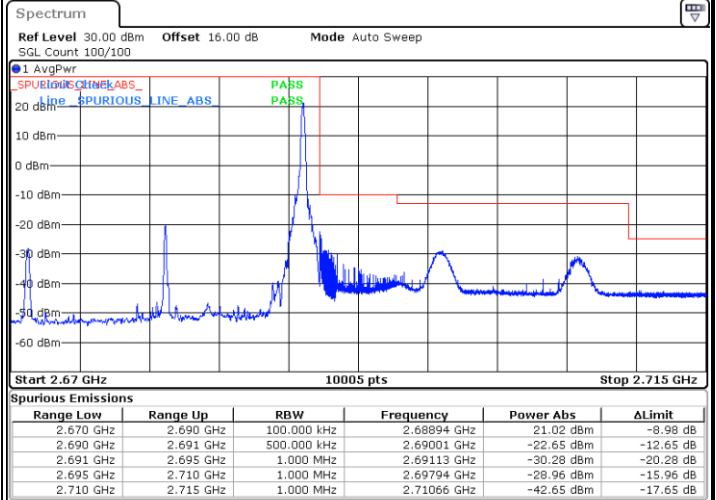


## LTE Band 41 / 20MHz / 64QAM

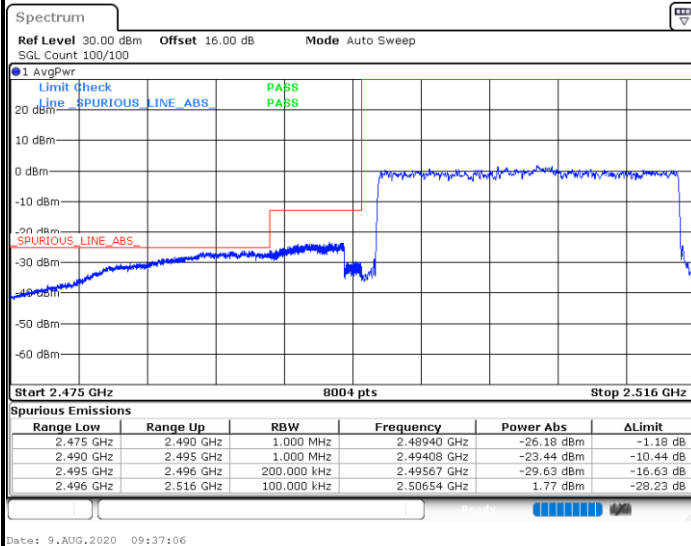
## Lowest Band Edge / 1 RB



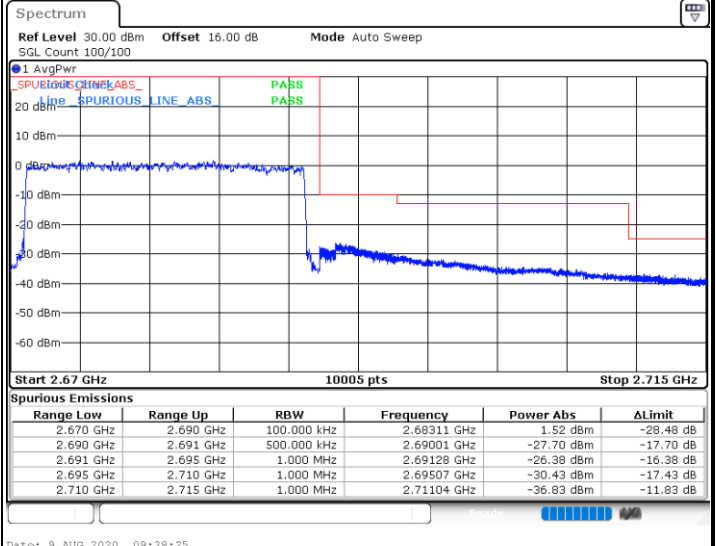
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



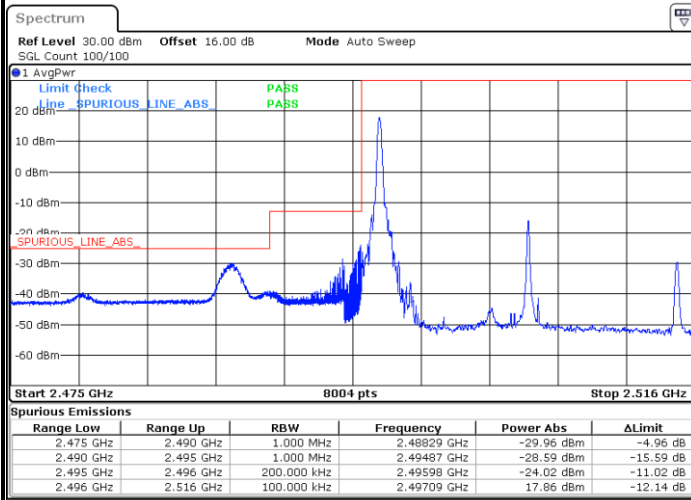
## Highest Band Edge / Full RB



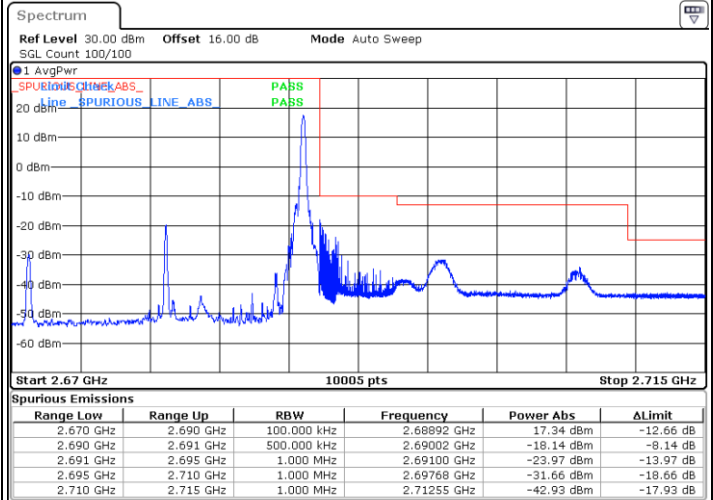


## LTE Band 41 / 20MHz / 256QAM

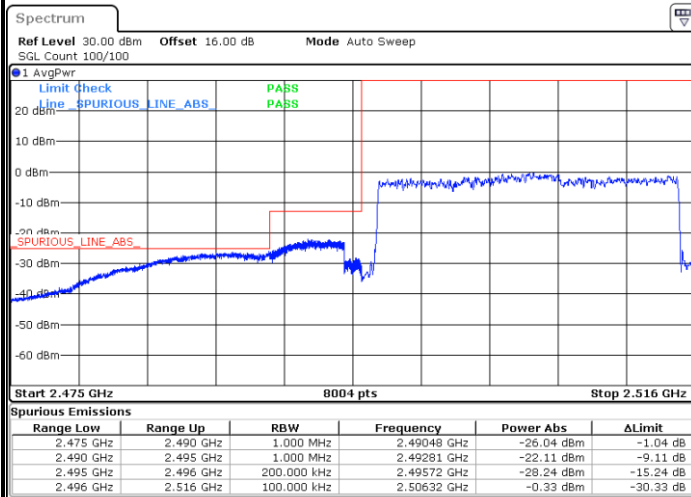
## Lowest Band Edge / 1RB



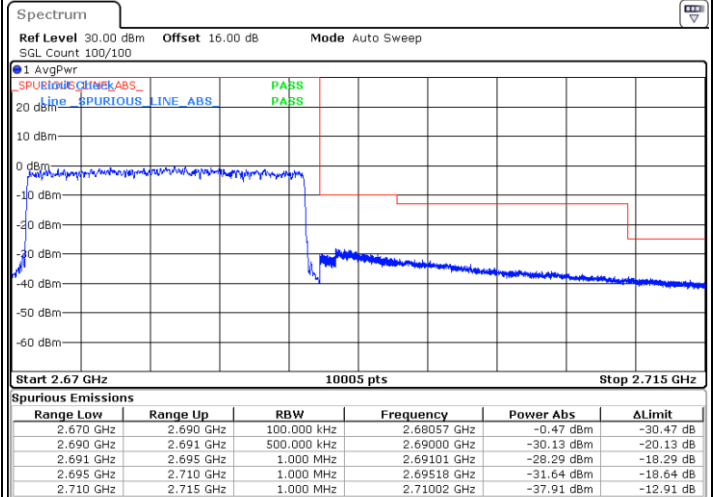
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

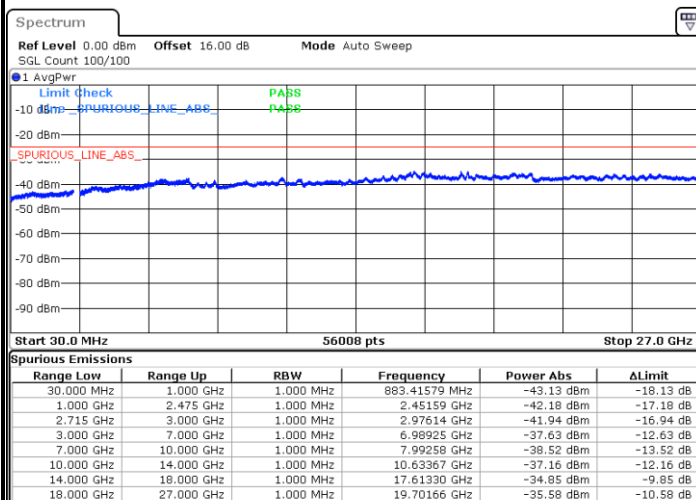




# Conducted Spurious Emission

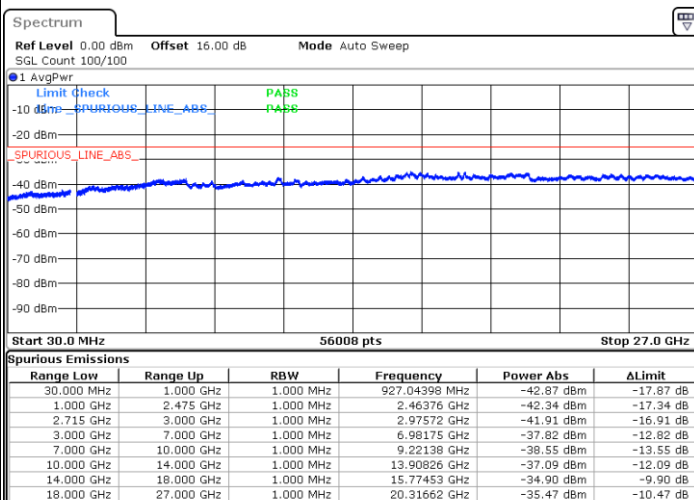
## LTE Band 41 / 5MHz

### Lowest Channel / QPSK



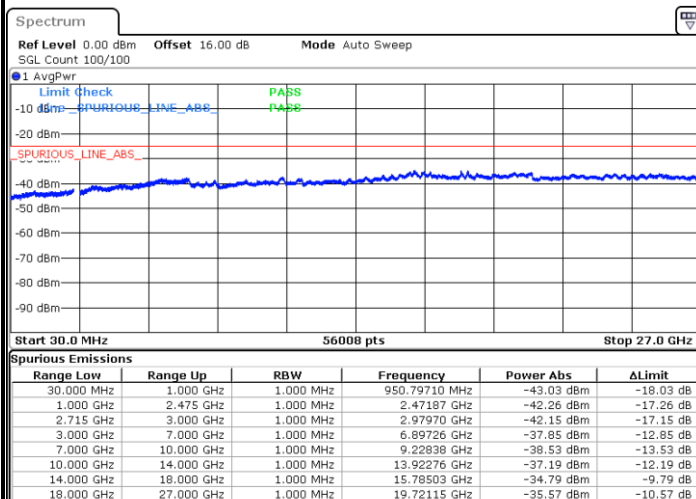
Date: 9.AUG.2020 09:41:48

### Lowest Channel / 16QAM



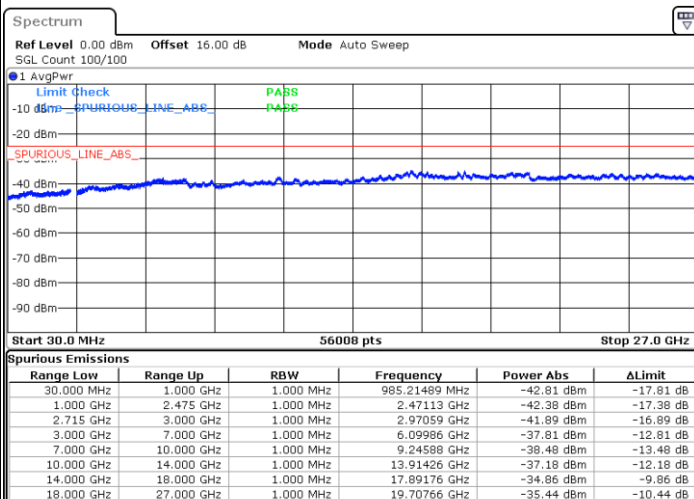
Date: 9.AUG.2020 09:42:19

### Middle Channel / QPSK



Date: 9.AUG.2020 09:43:30

### Middle Channel / 16QAM

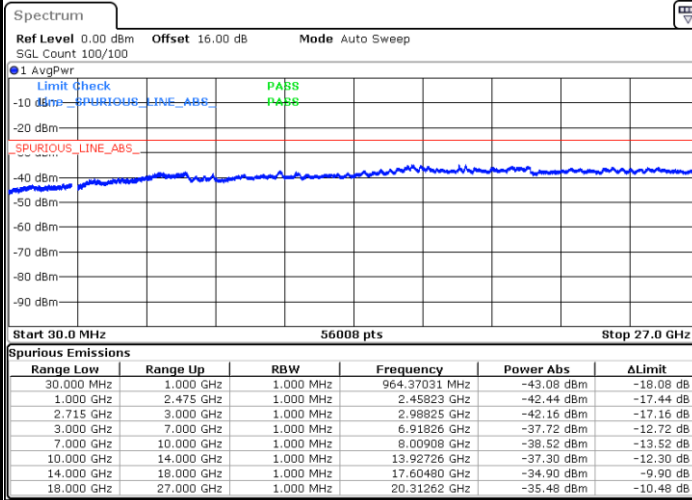


Date: 9.AUG.2020 09:44:20



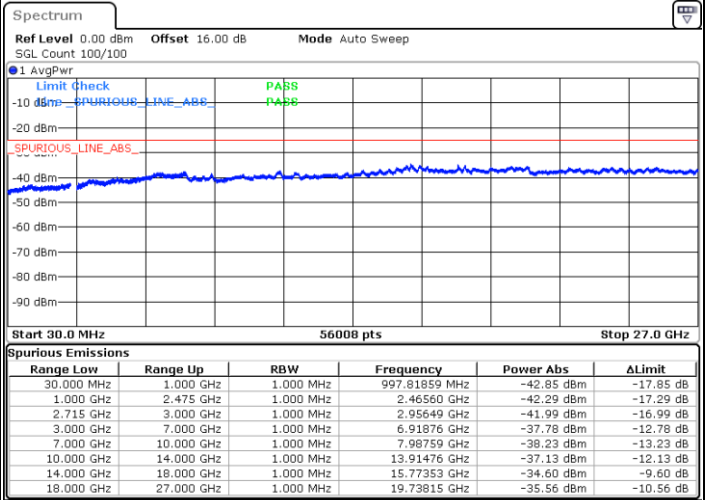
## LTE Band 41 / 5MHz

## Highest Channel / QPSK



Date: 9.AUG.2020 09:45:11

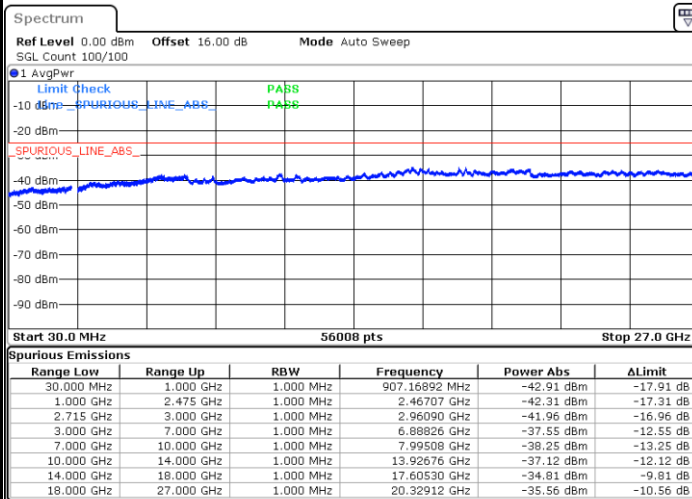
## Highest Channel / 16QAM



Date: 9.AUG.2020 09:46:01

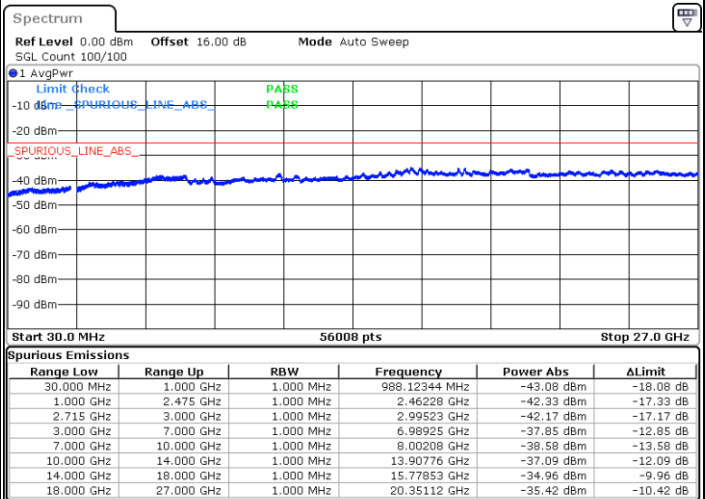
## LTE Band 41 / 10MHz

## Lowest Channel / QPSK



Date: 9.AUG.2020 09:49:24

## Lowest Channel / 16QAM



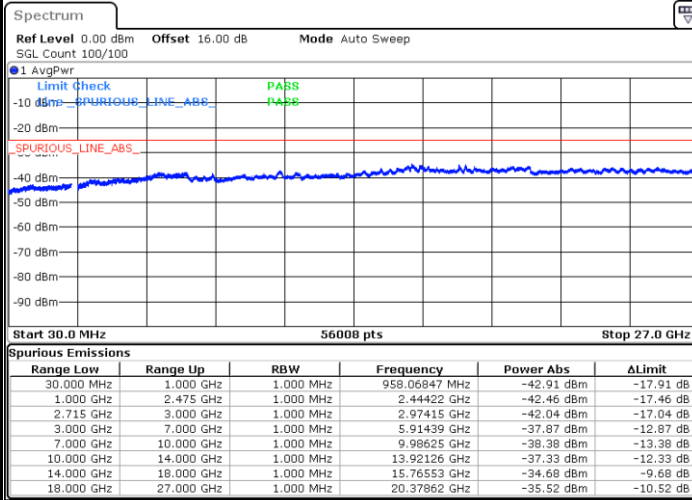
Date: 9.AUG.2020 09:50:15





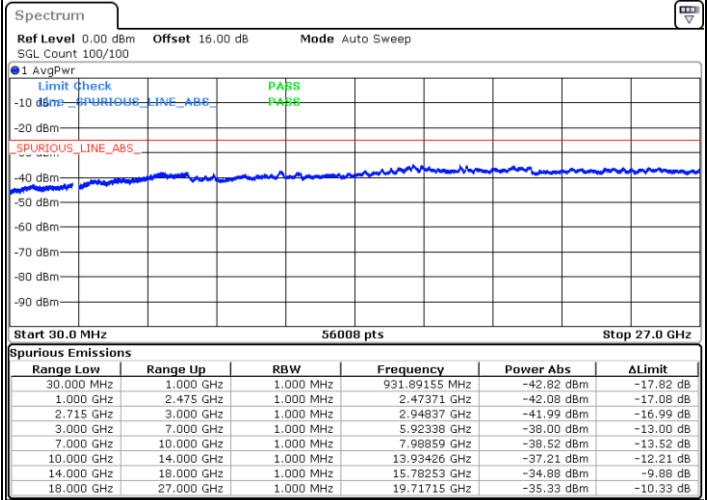
## LTE Band 41 / 10MHz

## Middle Channel / QPSK



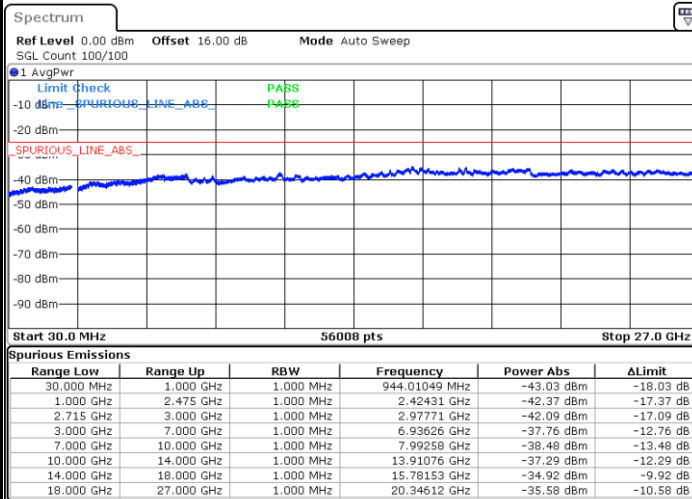
Date: 9.AUG.2020 09:51:06

## Middle Channel / 16QAM



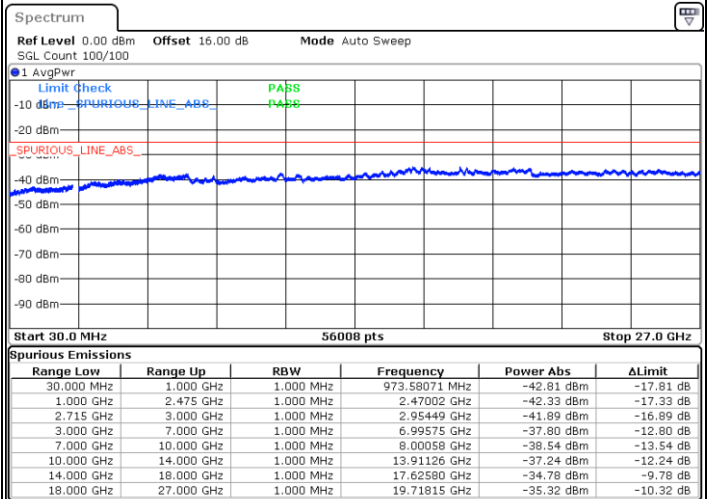
Date: 9.AUG.2020 09:51:56

## Highest Channel / QPSK



Date: 9.AUG.2020 09:52:46

## Highest Channel / 16QAM

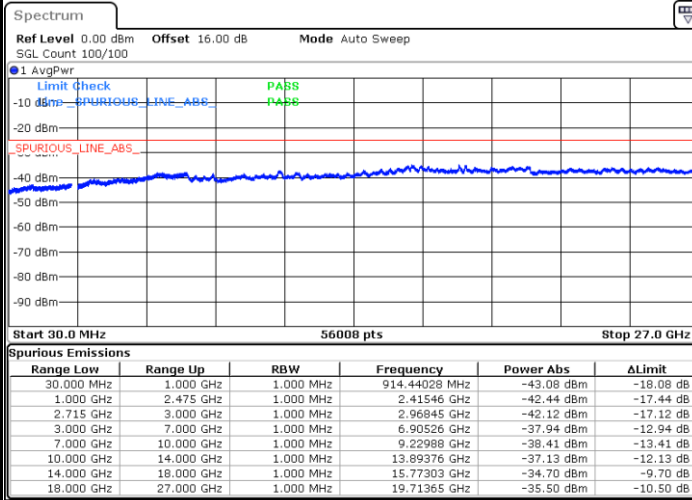


Date: 9.AUG.2020 09:53:37



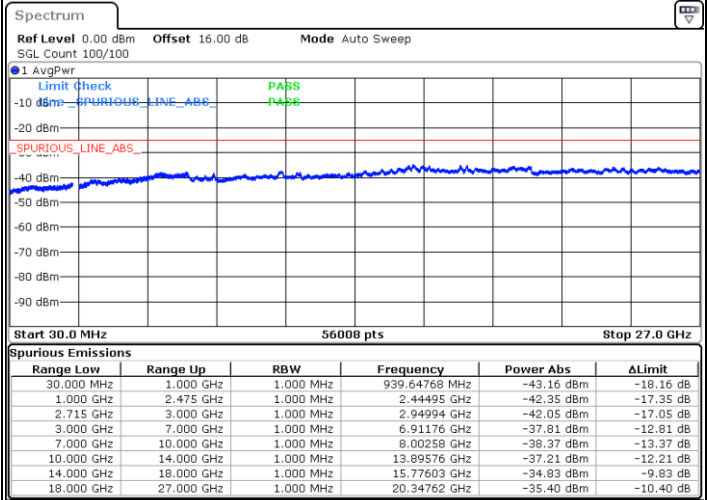
## LTE Band 41 / 15MHz

## Lowest Channel / QPSK



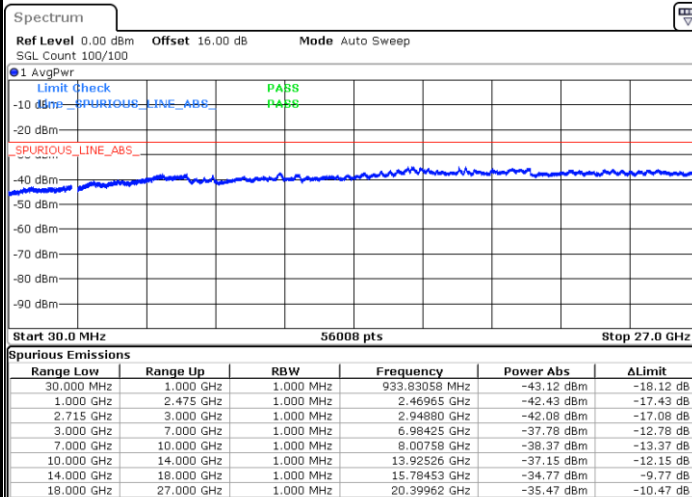
Date: 9.AUG.2020 09:54:28

## Lowest Channel / 16QAM



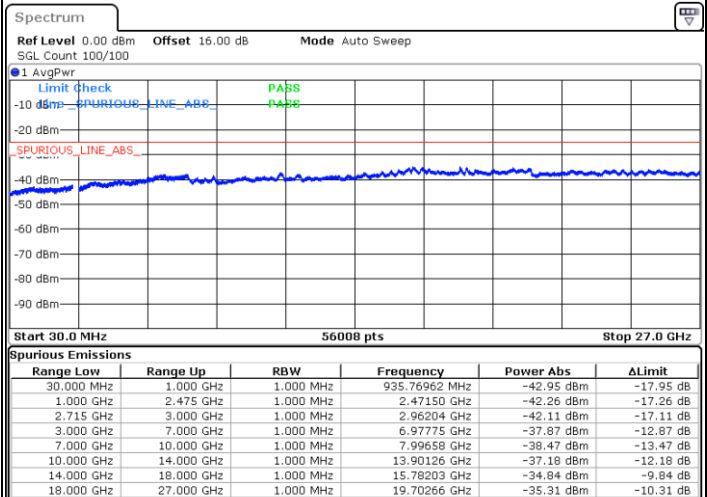
Date: 9.AUG.2020 09:55:19

## Middle Channel / QPSK



Date: 9.AUG.2020 09:56:10

## Middle Channel / 16QAM

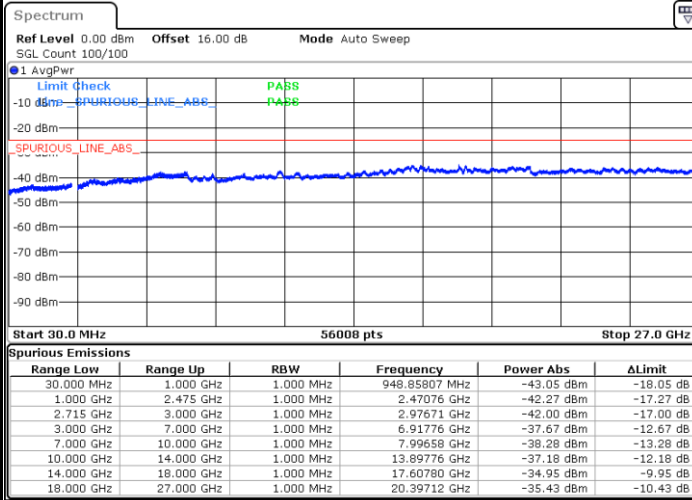


Date: 9.AUG.2020 09:57:00



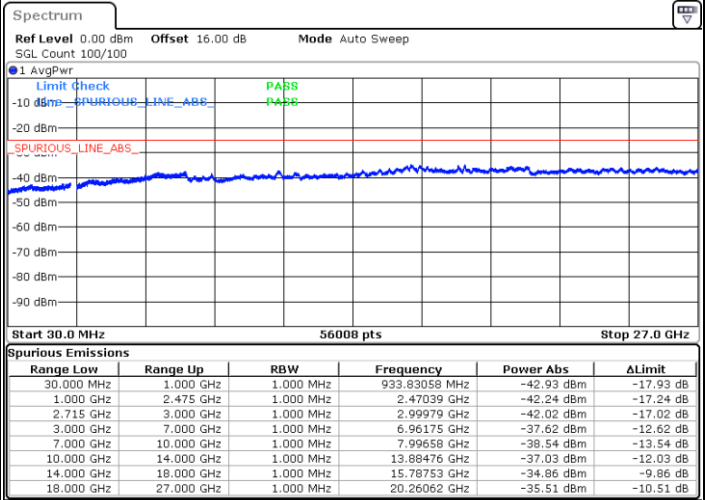
## LTE Band 41 / 15MHz

## Highest Channel / QPSK



Date: 9.AUG.2020 09:57:50

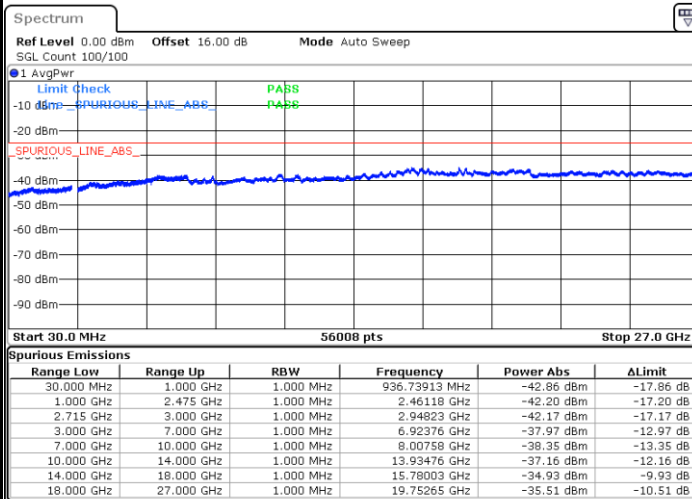
## Highest Channel / 16QAM



Date: 9.AUG.2020 09:58:41

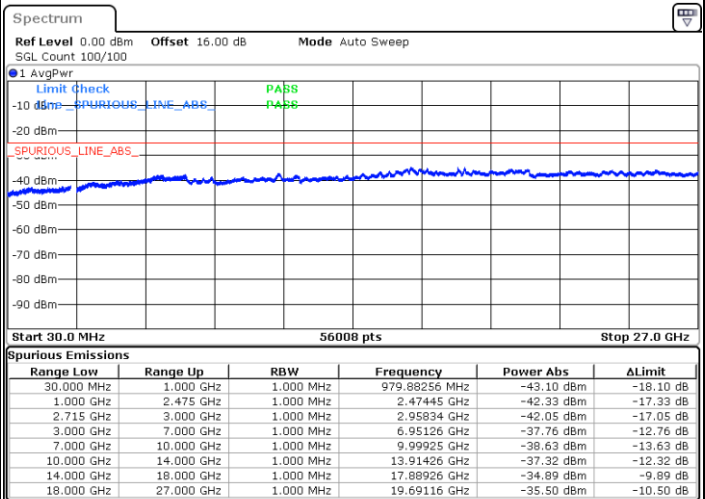
## LTE Band 41 / 20MHz

## Lowest Channel / QPSK



Date: 9.AUG.2020 10:04:36

## Lowest Channel / 16QAM

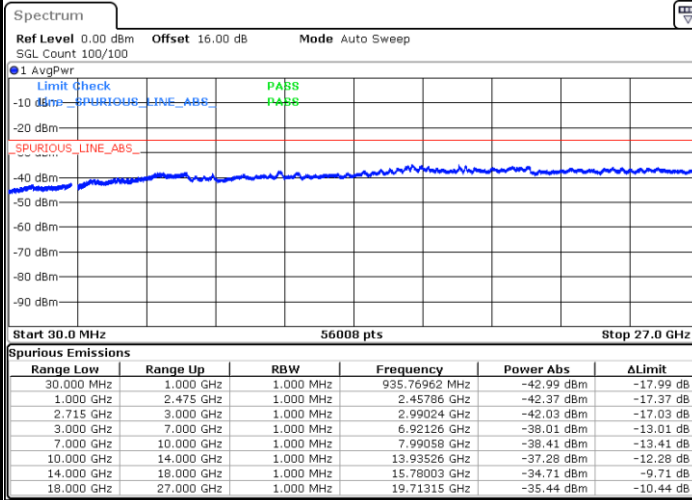


Date: 9.AUG.2020 10:05:26



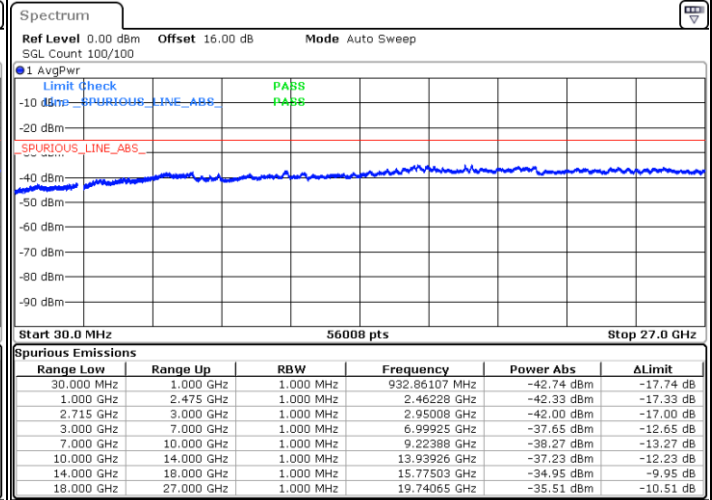
## LTE Band 41 / 20MHz

## Middle Channel / QPSK



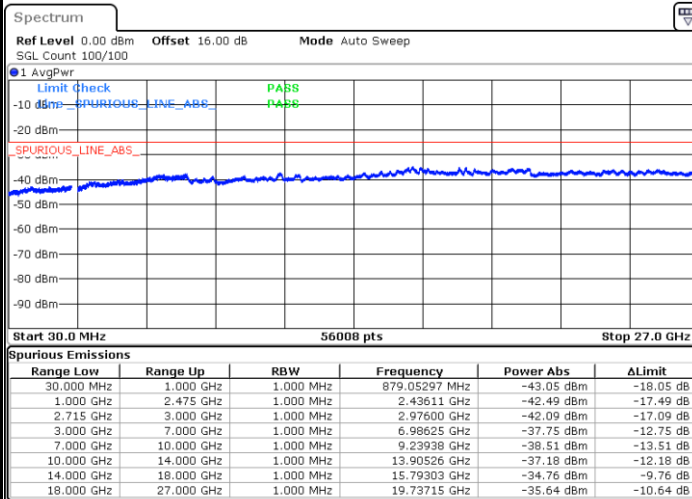
Date: 9.AUG.2020 10:06:17

## Middle Channel / 16QAM



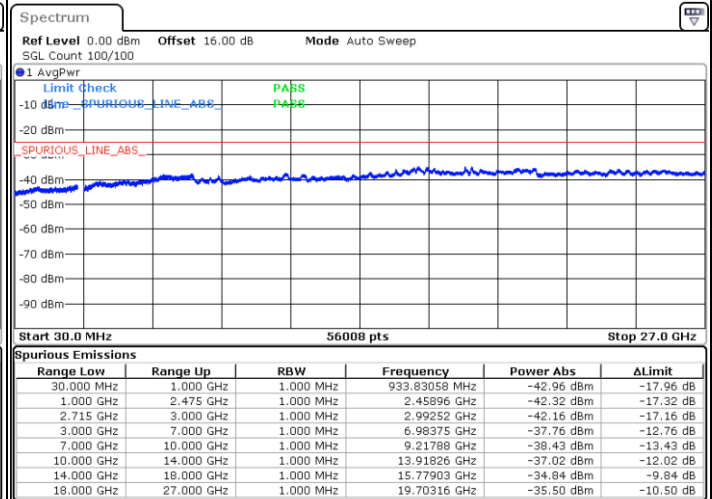
Date: 9.AUG.2020 10:07:07

## Highest Channel / QPSK



Date: 9.AUG.2020 10:07:57

## Highest Channel / 16QAM

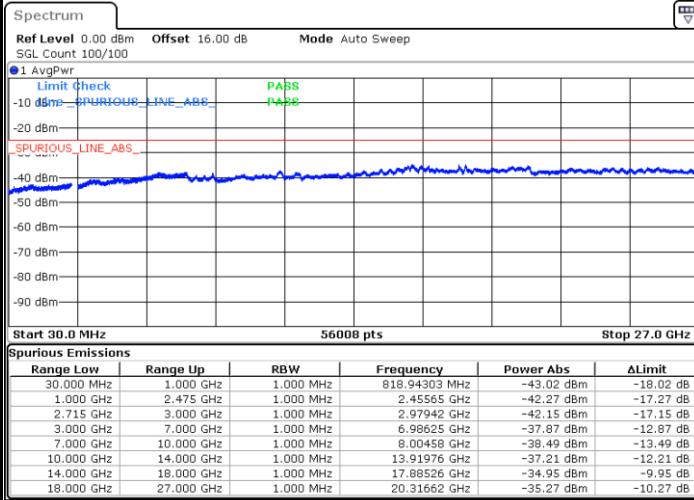


Date: 9.AUG.2020 10:08:48



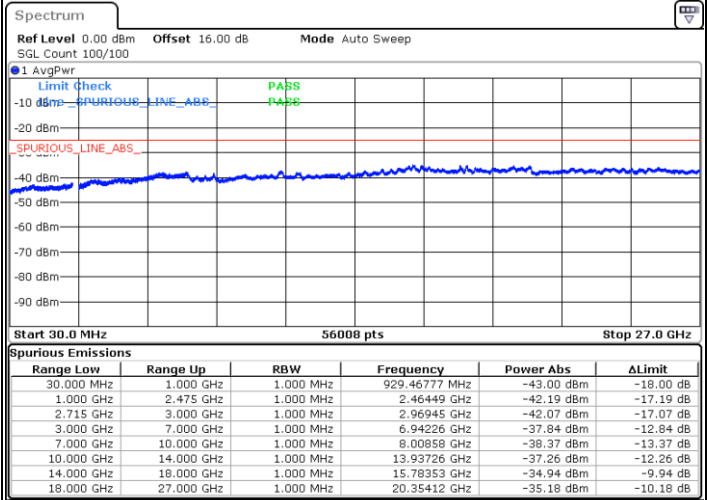
## LTE Band 41 / 5MHz

## Lowest Channel / 64QAM



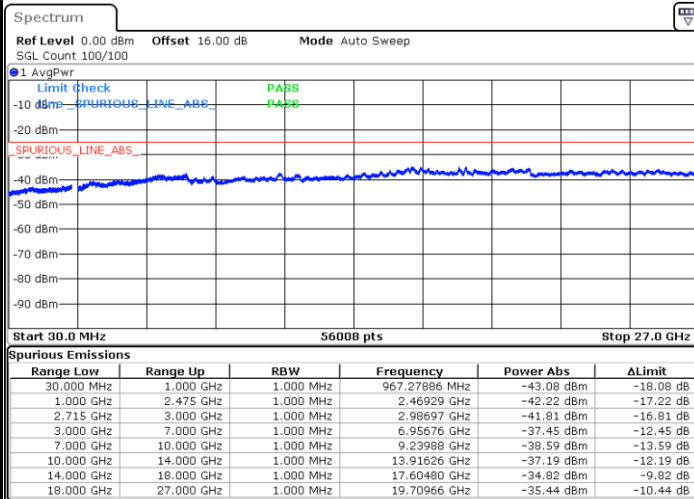
Date: 9.AUG.2020 09:39:17

## Middle Channel / 64QAM



Date: 9.AUG.2020 09:40:07

## Highest Channel / 64QAM

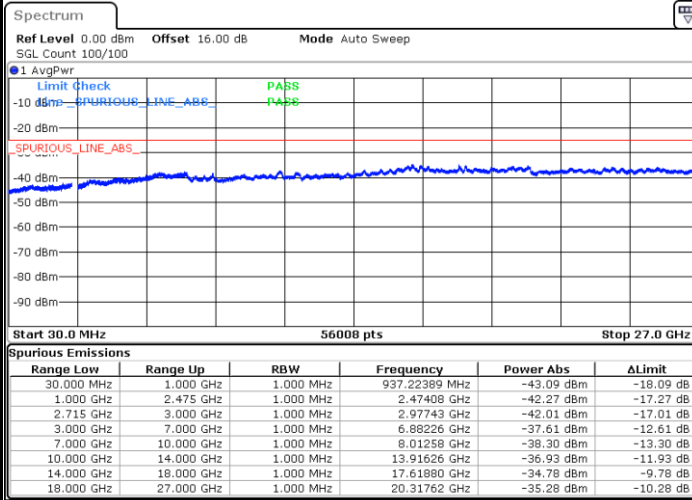


Date: 9.AUG.2020 09:40:58



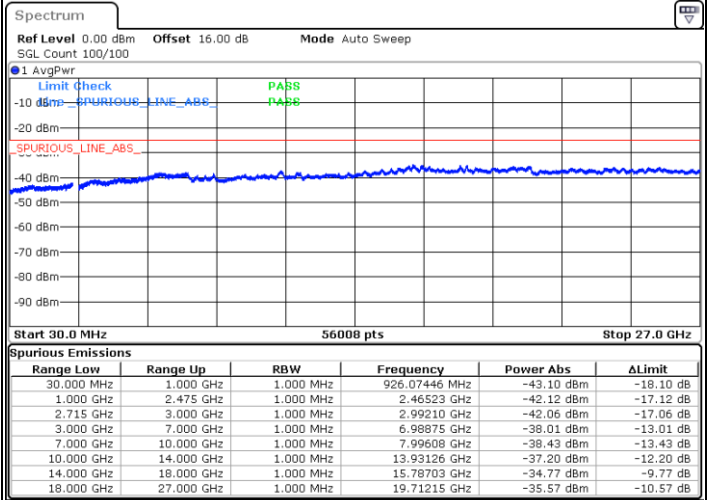
## LTE Band 41 / 10MHz

## Lowest Channel / 64QAM



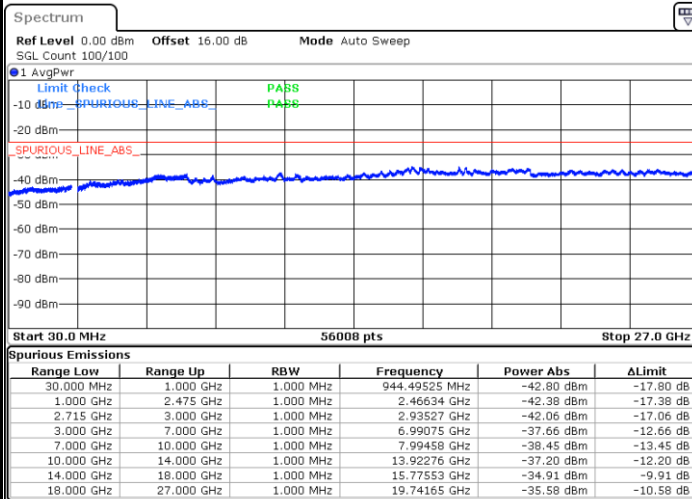
Date: 9.AUG.2020 09:46:53

## Middle Channel / 64QAM



Date: 9.AUG.2020 09:47:43

## Highest Channel / 64QAM

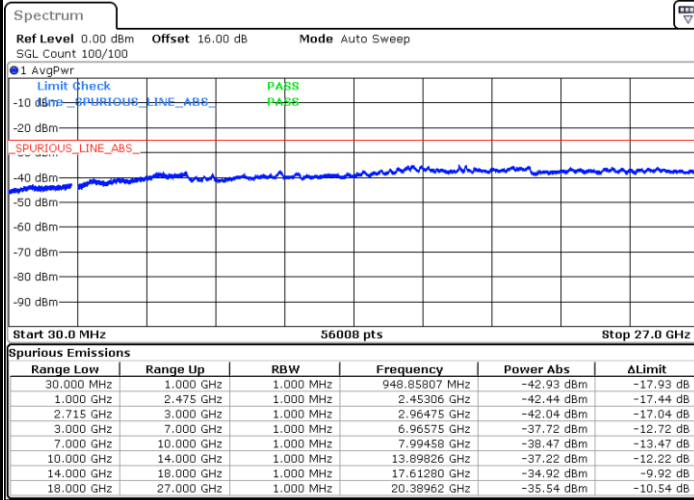


Date: 9.AUG.2020 09:48:34



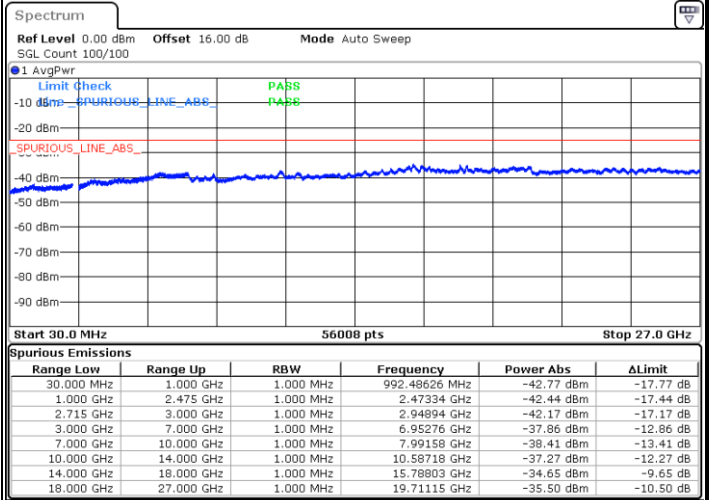
## LTE Band 41 / 15MHz

## Lowest Channel / 64QAM



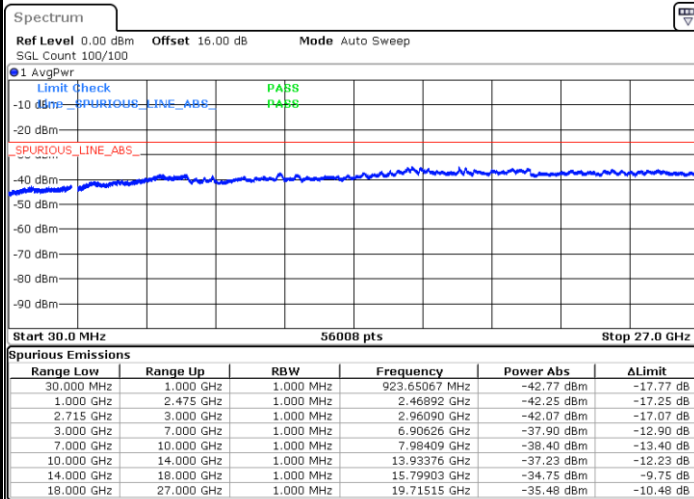
Date: 9.AUG.2020 09:59:32

## Middle Channel / 64QAM



Date: 9.AUG.2020 10:00:23

## Highest Channel / 64QAM

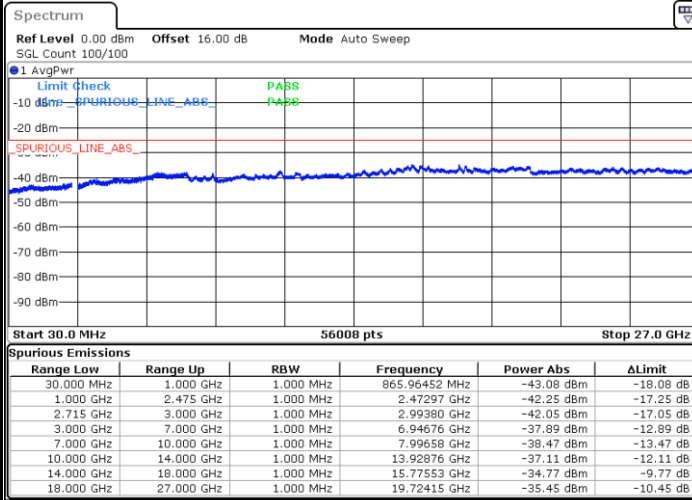


Date: 9.AUG.2020 10:01:13



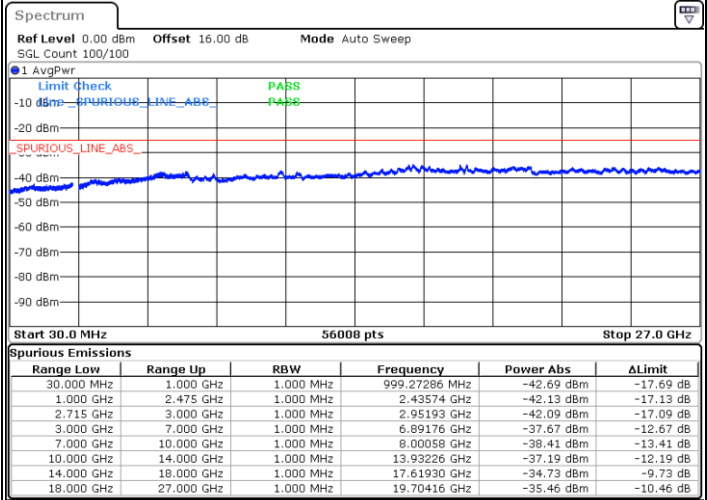
## LTE Band 41 / 20MHz

## Lowest Channel / 64QAM



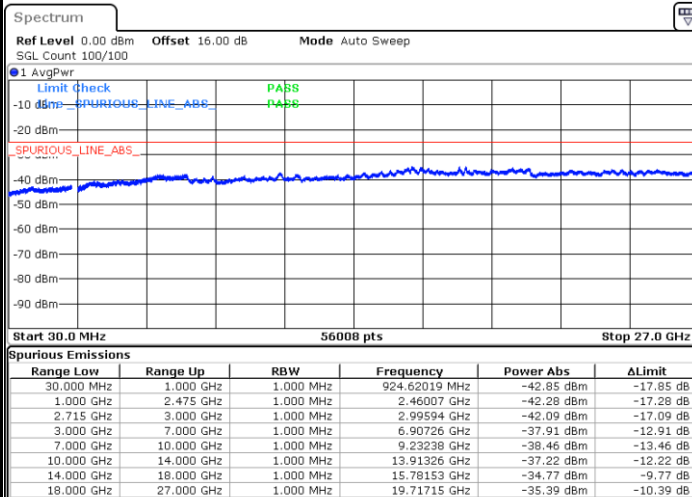
Date: 9.AUG.2020 10:02:04

## Middle Channel / 64QAM



Date: 9.AUG.2020 10:02:54

## Highest Channel / 64QAM



Date: 9.AUG.2020 10:03:45

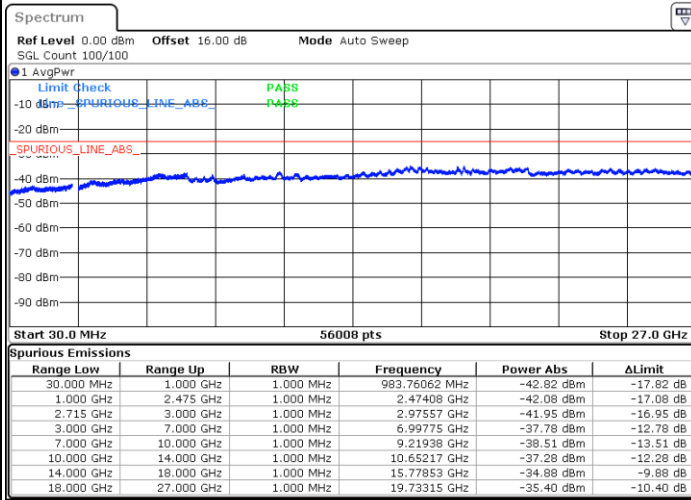




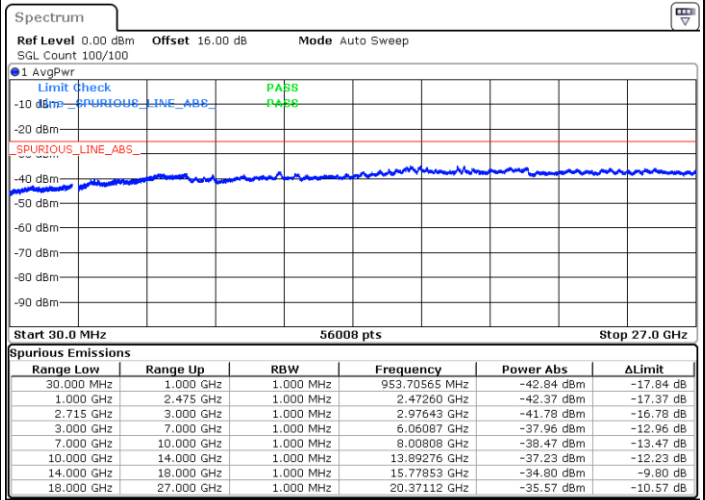
## LTE Band 41 / 5MHz

## Lowest Channel / 256QAM

## Middle Channel / 256QAM

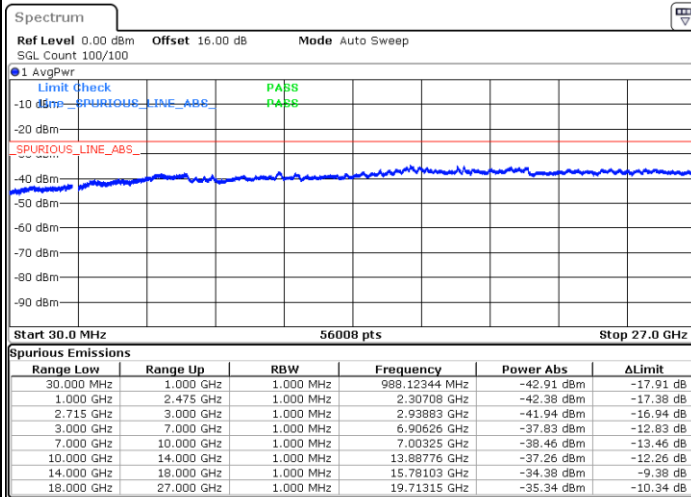


Date: 9.AUG.2020 10:48:49



Date: 9.AUG.2020 10:50:29

## Highest Channel / 256QAM

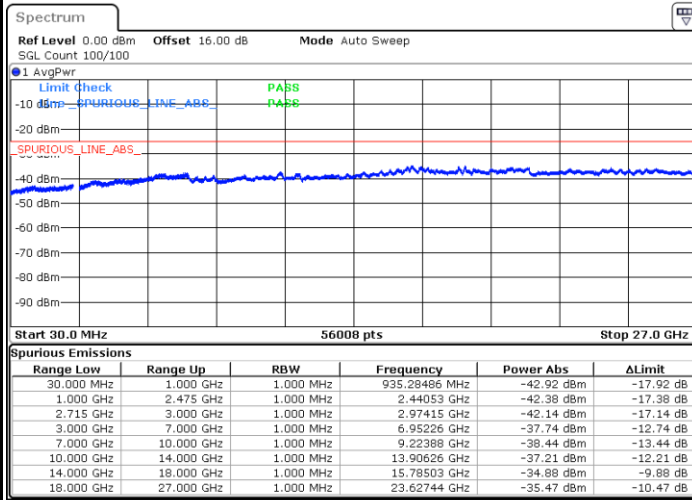


Date: 9.AUG.2020 10:52:32



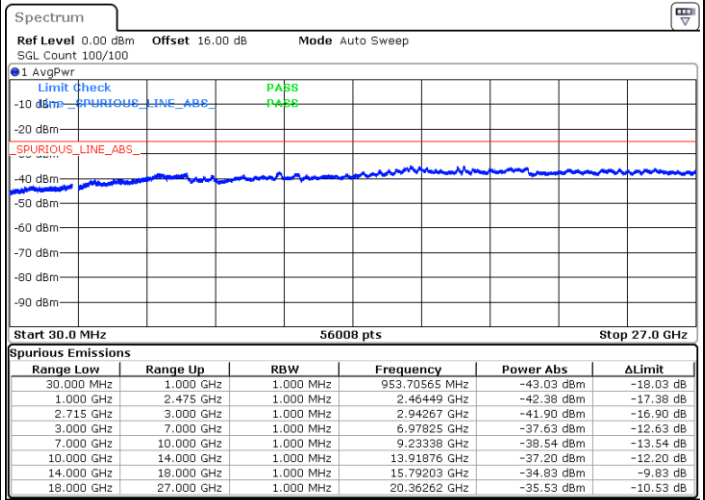
## LTE Band 41 / 10MHz

## Lowest Channel / 256QAM



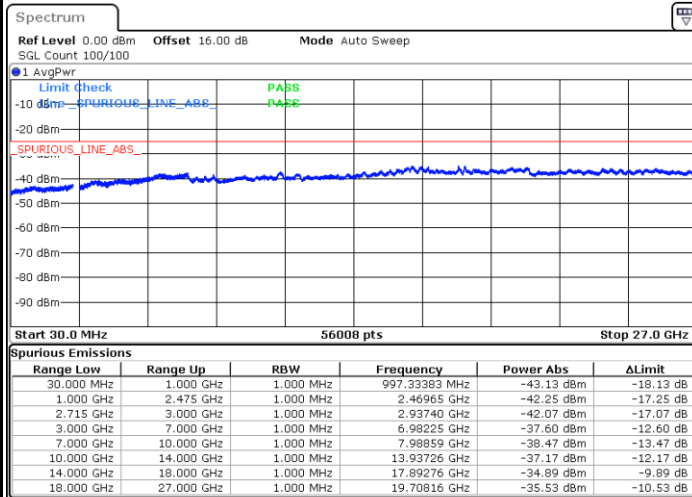
Date: 9.AUG.2020 10:57:17

## Middle Channel / 256QAM



Date: 9.AUG.2020 10:55:49

## Highest Channel / 256QAM



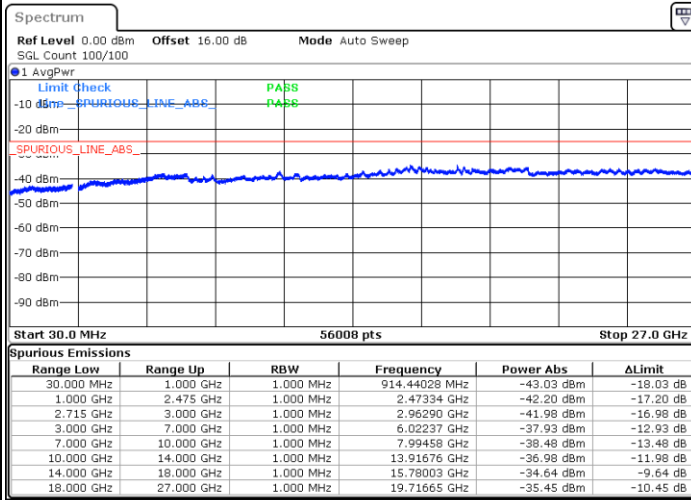
Date: 9.AUG.2020 11:24:32



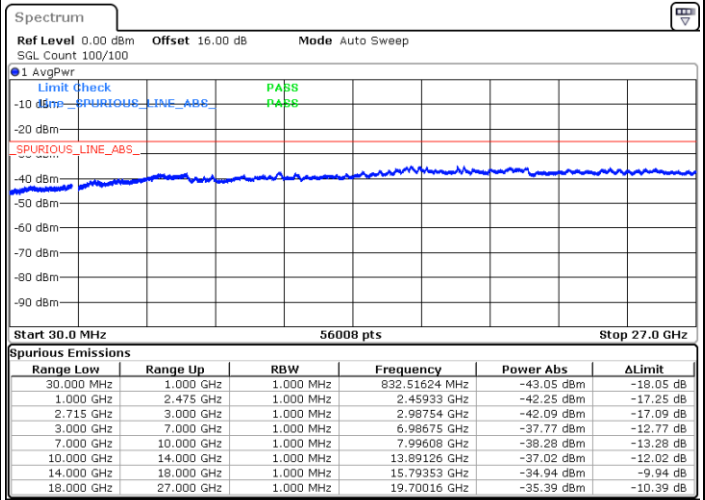
## LTE Band 41 / 15MHz

## Lowest Channel / 256QAM

## Middle Channel / 256QAM

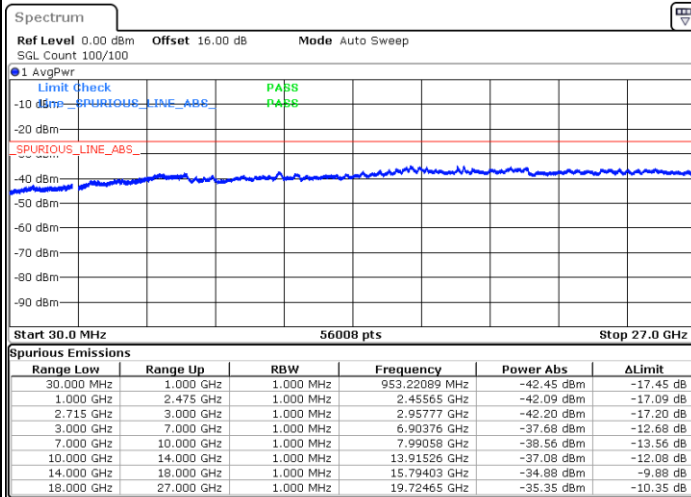


Date: 9.AUG.2020 11:28:03



Date: 9.AUG.2020 11:26:32

## Highest Channel / 256QAM



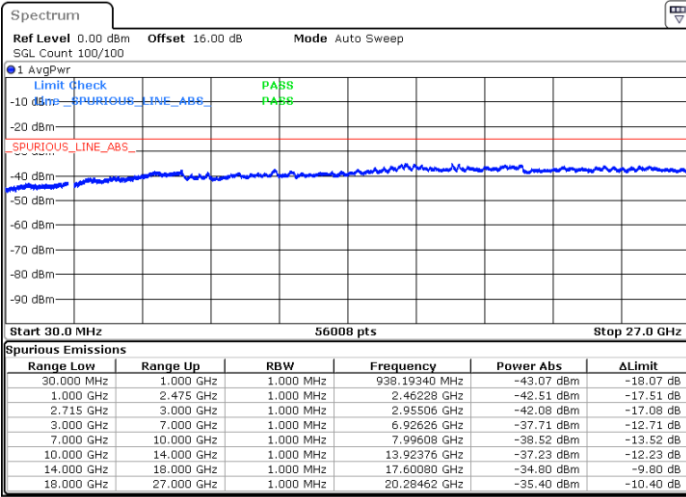
Date: 9.AUG.2020 11:31:29



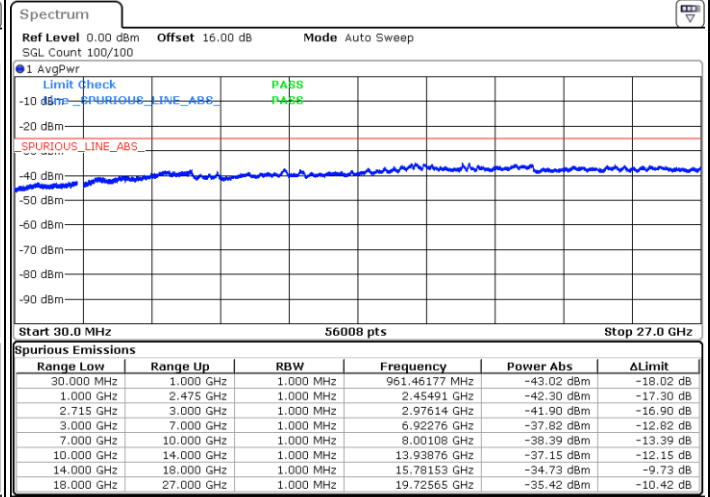
## LTE Band 41 / 20MHz

## Lowest Channel / 256QAM

## Middle Channel / 256QAM

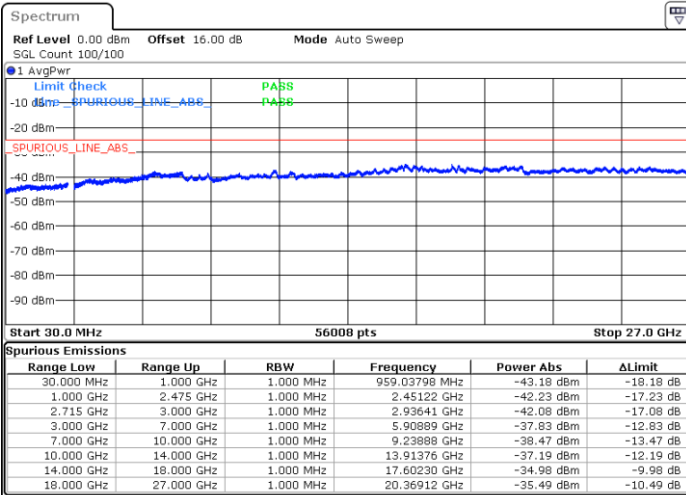


Date: 9.AUG.2020 11:37:20



Date: 9.AUG.2020 11:34:26

## Highest Channel / 256QAM



Date: 9.AUG.2020 11:39:51

## Frequency Stability

| Test Conditions  |                   | LTE Band 41 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0059                              | PASS    |
| 40               | Normal Voltage    | 0.0005                              |         |
| 30               | Normal Voltage    | 0.0074                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0066                              |         |
| 0                | Normal Voltage    | 0.0015                              |         |
| -10              | Normal Voltage    | 0.0009                              |         |
| -20              | Normal Voltage    | 0.0018                              |         |
| -30              | Normal Voltage    | 0.0015                              |         |
| 20               | Maximum Voltage   | 0.0010                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0075                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 66

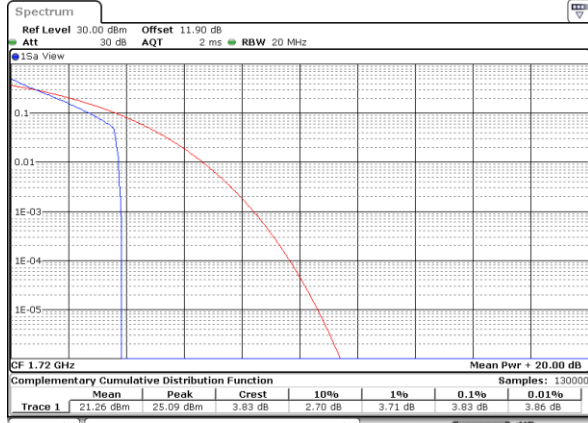
**Peak-to-Average Ratio**

| Mode       | LTE Band 66 / 20MHz |         |        |         |             |
|------------|---------------------|---------|--------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM  |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB    | Full RB | Result      |
| Lowest CH  | 3.83                | 4.43    | 5.80   | 6.00    | PASS        |
| Middle CH  | 3.77                | 4.55    | 5.86   | 5.71    |             |
| Highest CH | 3.68                | 5.10    | 4.84   | 6.00    |             |
| Mode       | LTE Band 66 / 20MHz |         |        |         |             |
| Mod.       | 64QAM               |         | 256QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB    | Full RB | Result      |
| Lowest CH  | 7.04                | 6.38    | 7.25   | 6.43    | PASS        |
| Middle CH  | 7.28                | 6.46    | 7.94   | 6.52    |             |
| Highest CH | 7.30                | 6.38    | 7.62   | 6.46    |             |

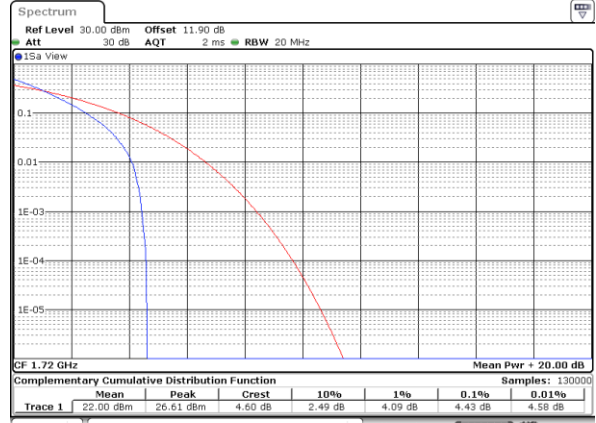


## LTE Band 66 / 20MHz / QPSK

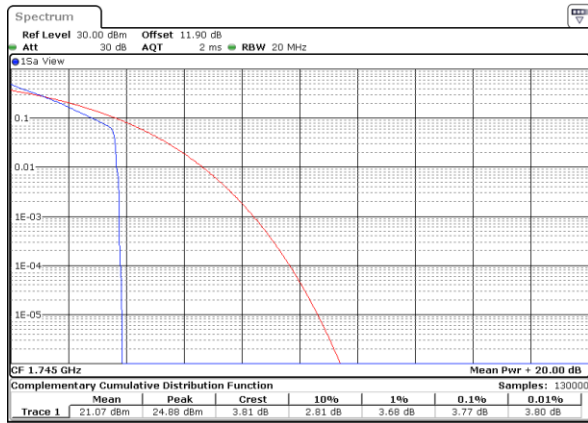
## Lowest Channel / 1RB



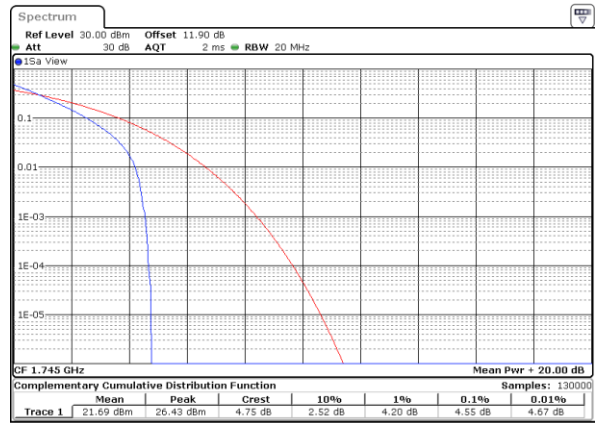
## Lowest Channel / Full RB



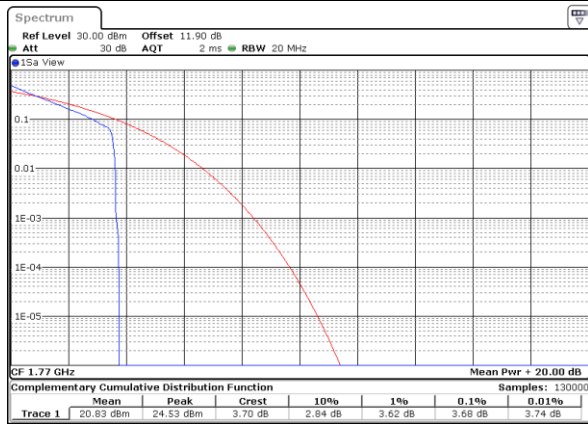
## Middle Channel / 1RB



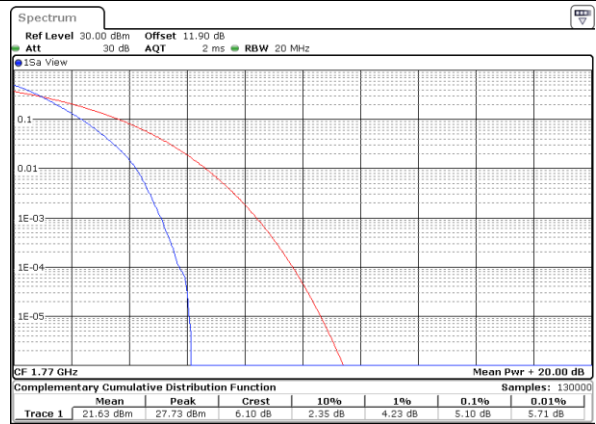
## Middle Channel / Full RB



## Highest Channel / 1RB



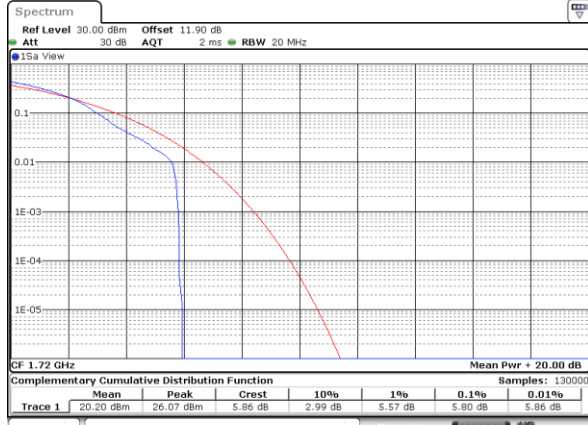
## Highest Channel / Full RB



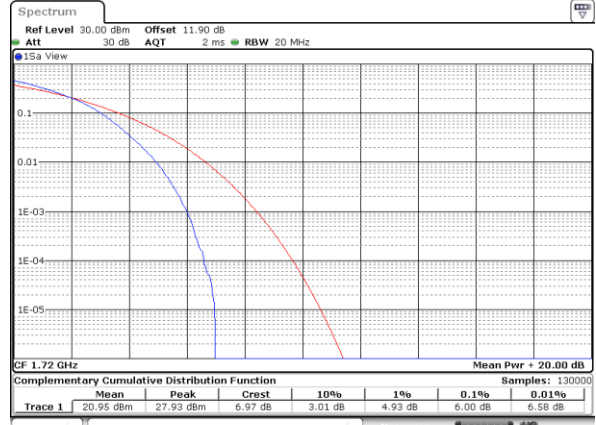


## LTE Band 66 / 20MHz / 16QAM

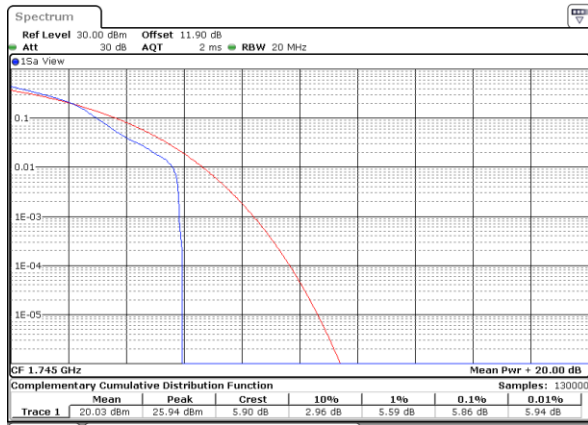
## Lowest Channel / 1RB



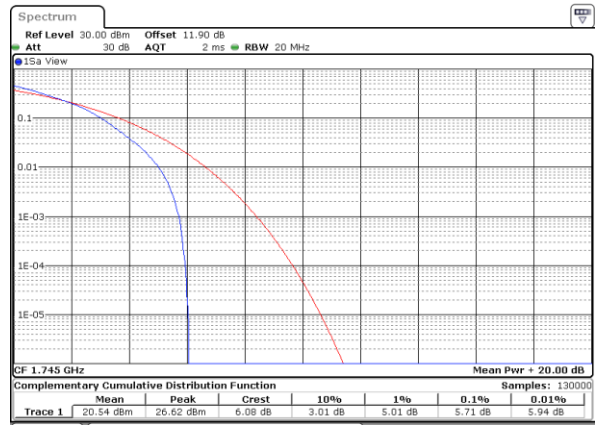
## Lowest Channel / Full RB



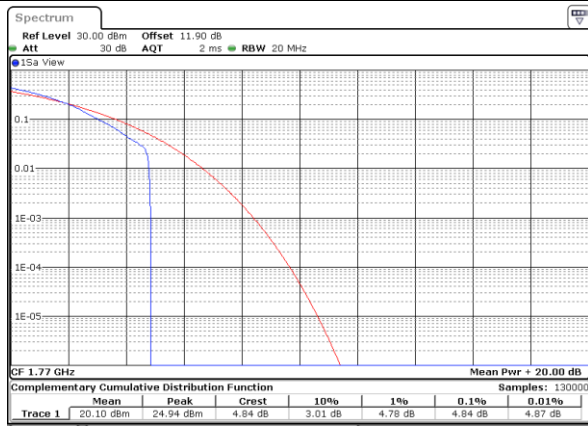
## Middle Channel / 1RB



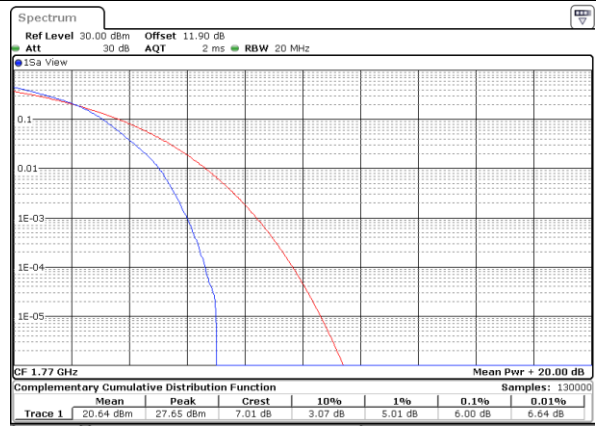
## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB

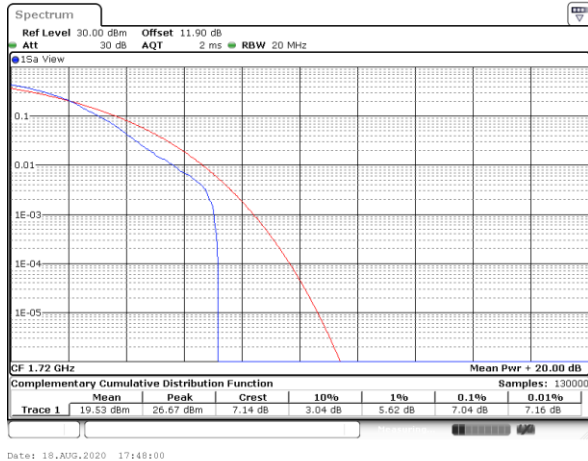




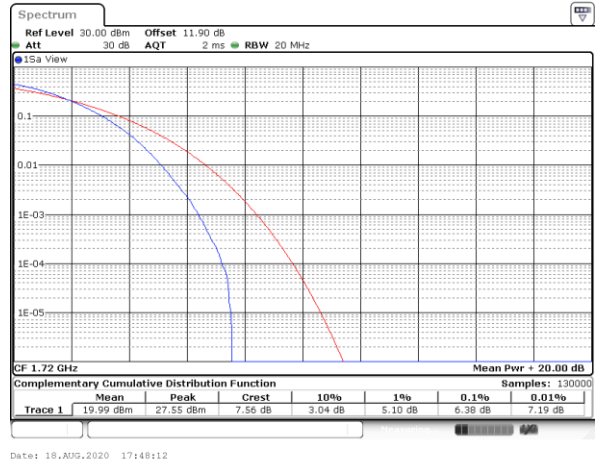


## LTE Band 66 / 20MHz / 64QAM

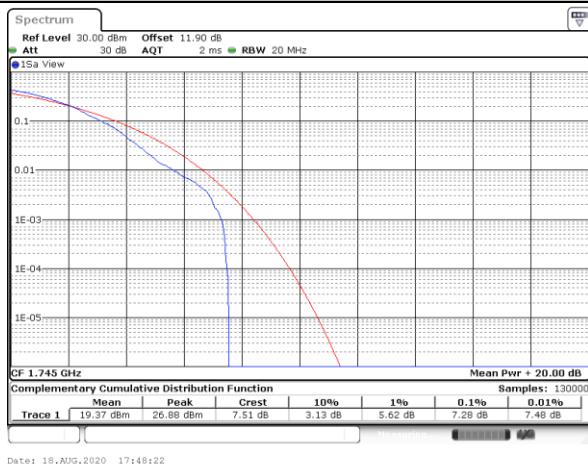
## Lowest Channel / 1RB



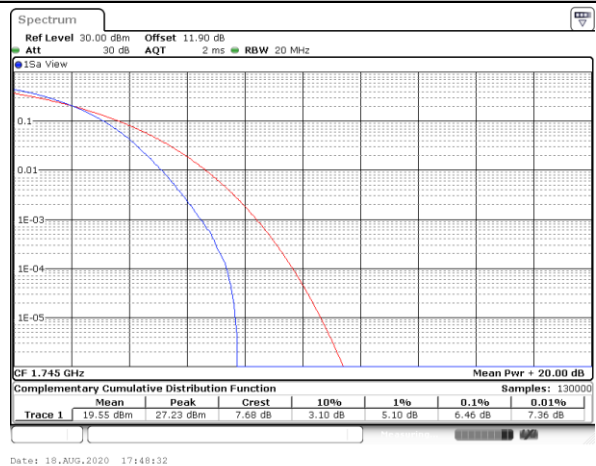
## Lowest Channel / Full RB



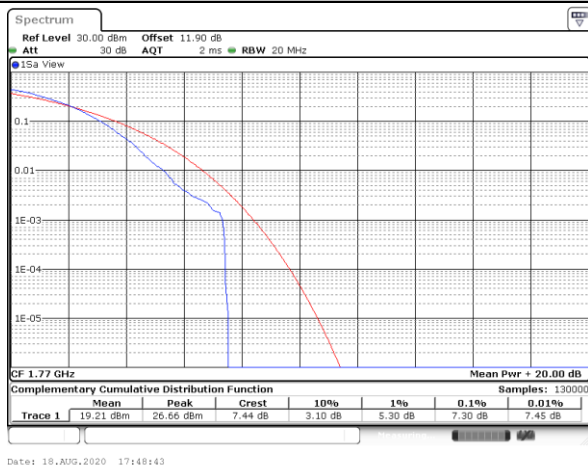
## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB

