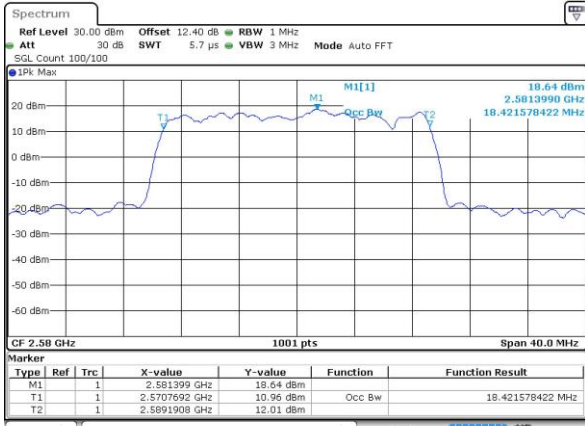




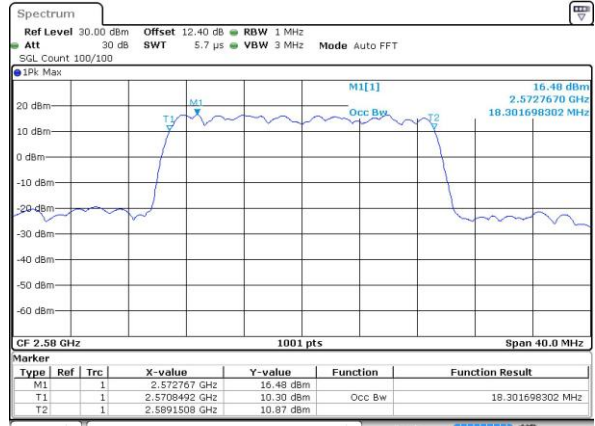
LTE Band 38

Lowest Channel / 20MHz / QPSK



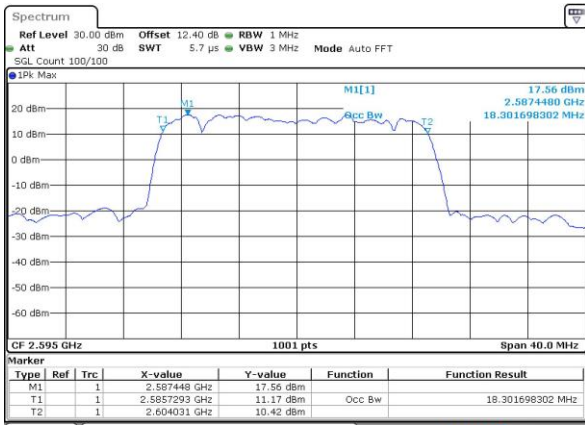
Date: 22 SEP 2018 03:23:03

Lowest Channel / 20MHz / 16QAM



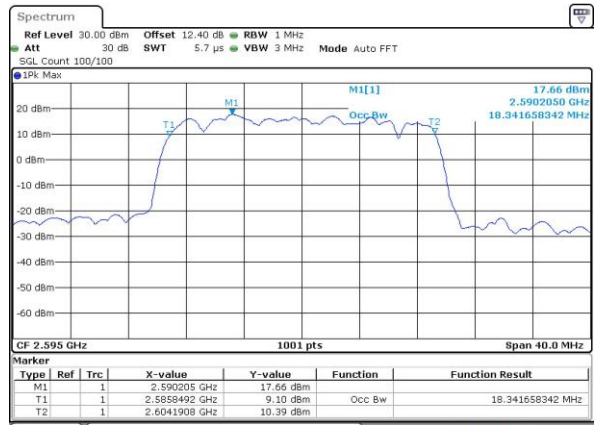
Date: 22 SEP 2018 03:23:15

Middle Channel / 20MHz / QPSK



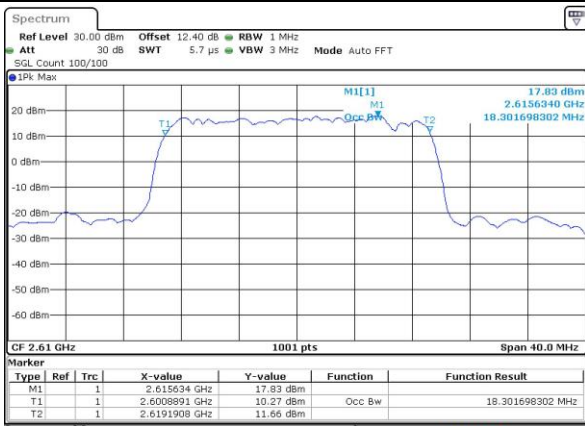
Date: 22 SEP 2018 03:23:48

Middle Channel / 20MHz / 16QAM



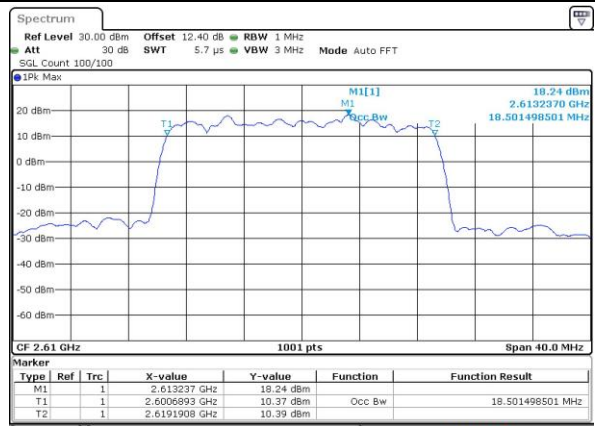
Date: 22 SEP 2018 03:23:59

Highest Channel / 20MHz / QPSK



Date: 22 SEP 2018 03:24:32

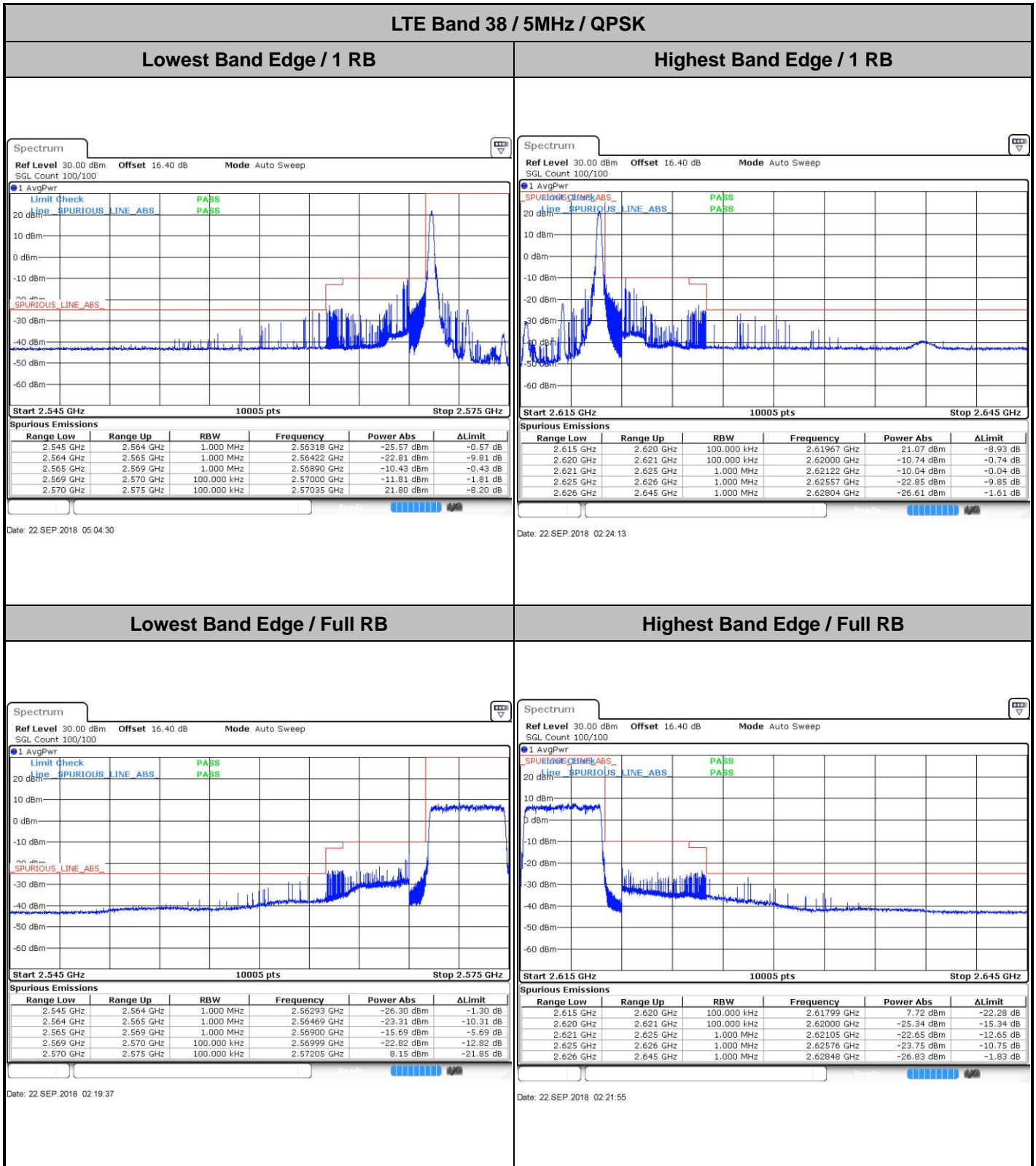
Highest Channel / 20MHz / 16QAM



Date: 22 SEP 2018 03:24:43



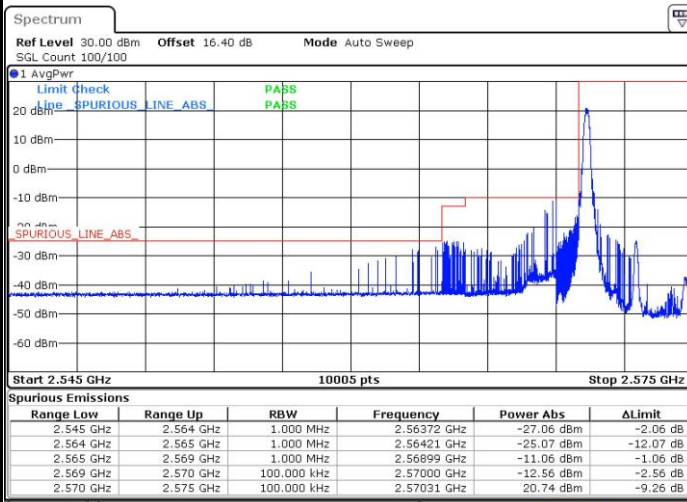
# Conducted Band Edge





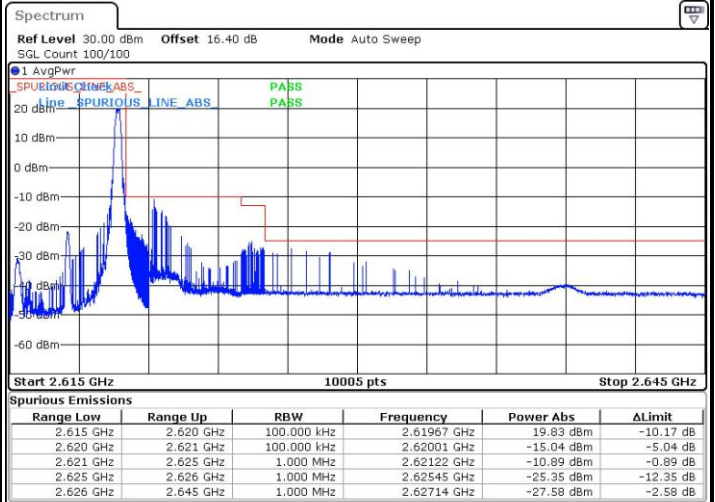
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



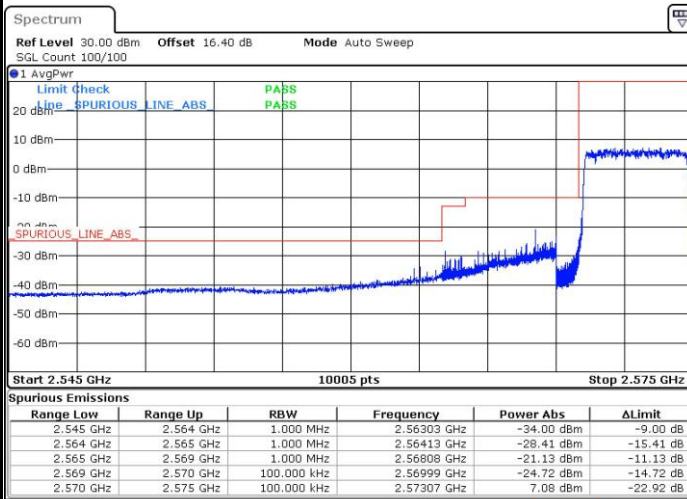
Date: 22 SEP 2018 05:05:39

Highest Band Edge / 1 RB



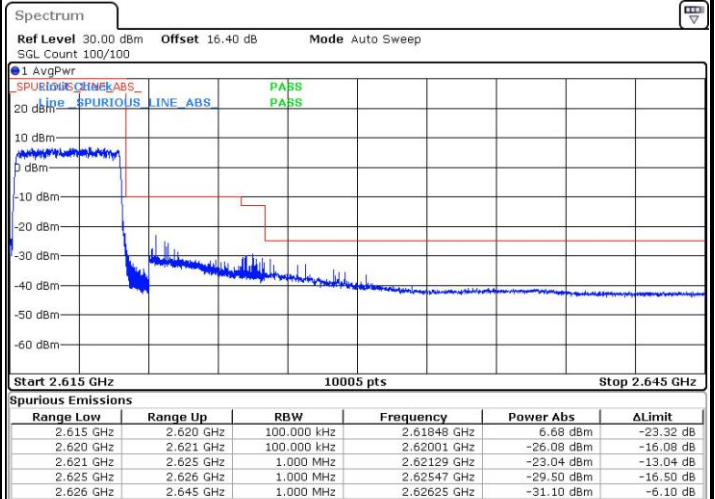
Date: 22 SEP 2018 02:25:22

Lowest Band Edge / Full RB



Date: 22 SEP 2018 02:20:46

Highest Band Edge / Full RB

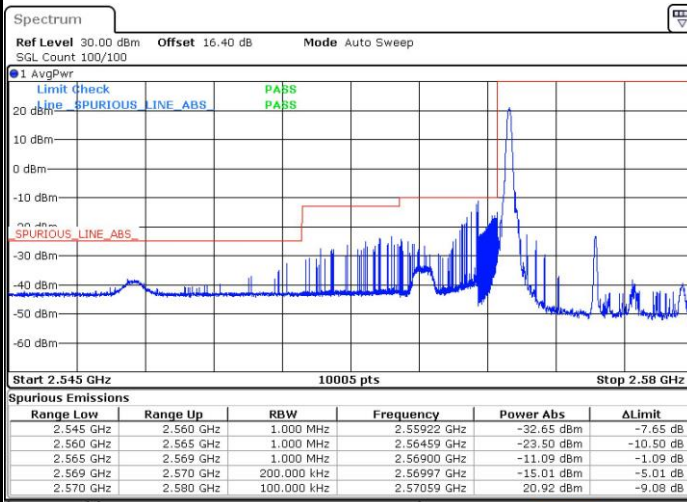


Date: 22 SEP 2018 02:23:04



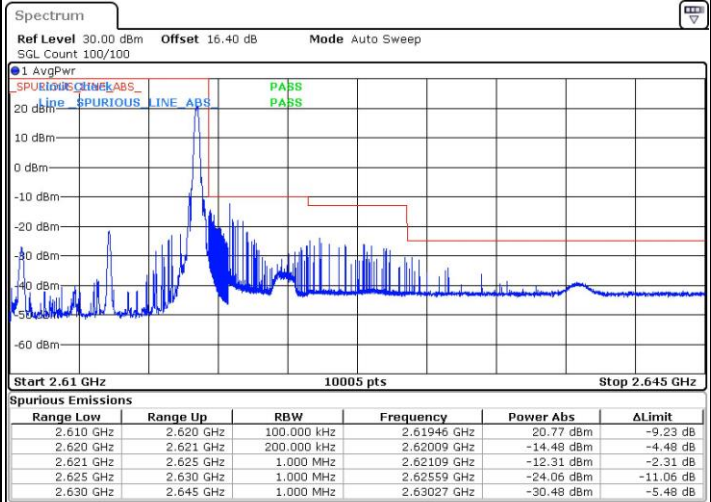
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



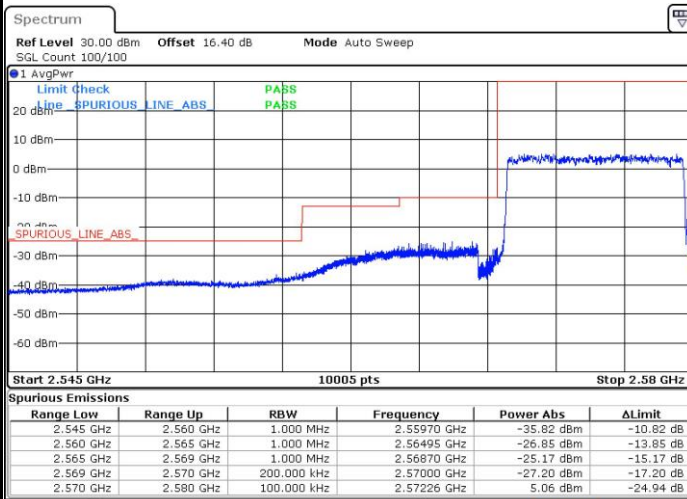
Date: 22 SEP 2018 02:26:31

Highest Band Edge / 1 RB



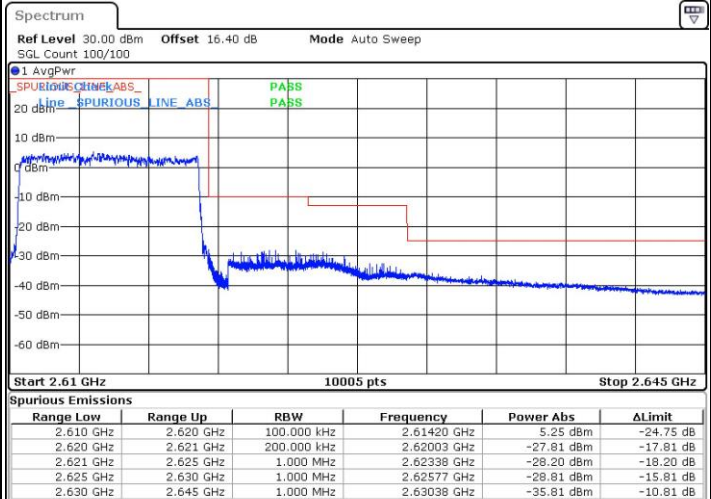
Date: 22 SEP 2018 02:33:25

Lowest Band Edge / Full RB



Date: 22 SEP 2018 02:28:49

Highest Band Edge / Full RB

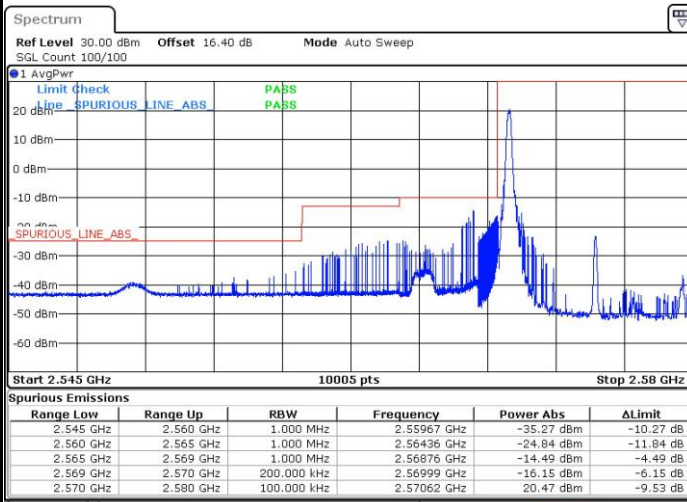


Date: 22 SEP 2018 02:31:07



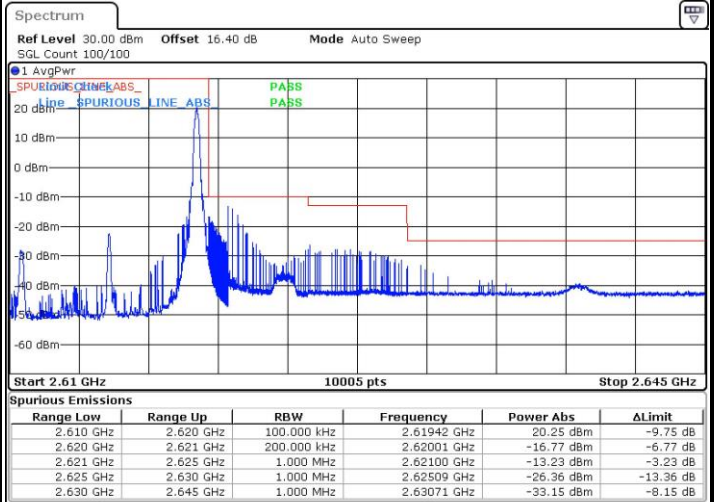
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



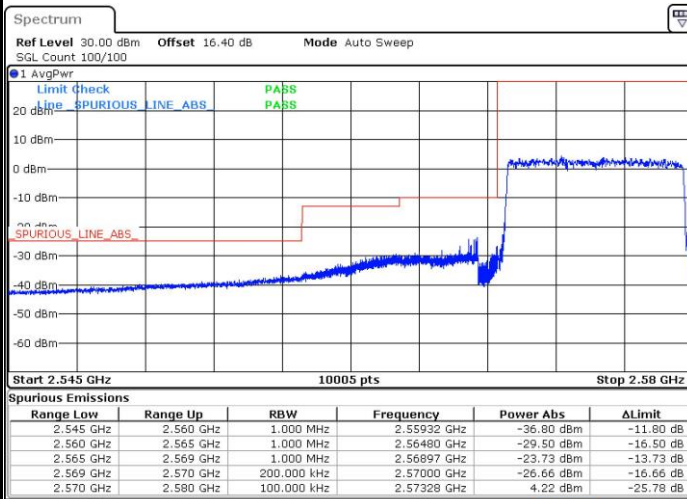
Date: 22 SEP 2018 02:27:40

Highest Band Edge / 1 RB



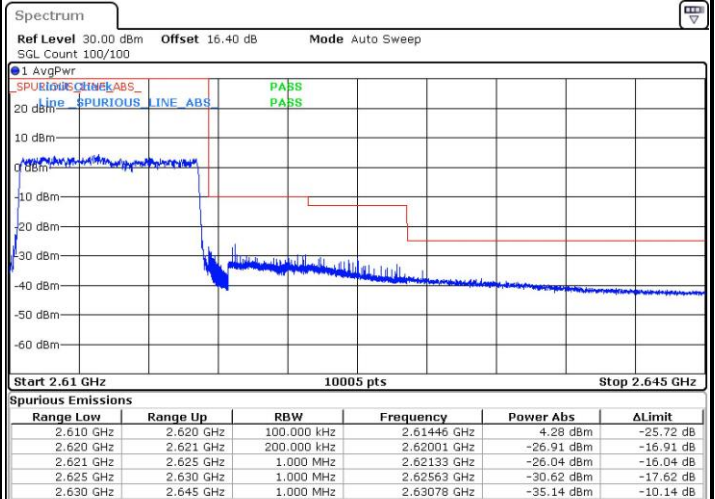
Date: 22 SEP 2018 02:34:34

Lowest Band Edge / Full RB



Date: 22 SEP 2018 02:29:58

Highest Band Edge / Full RB

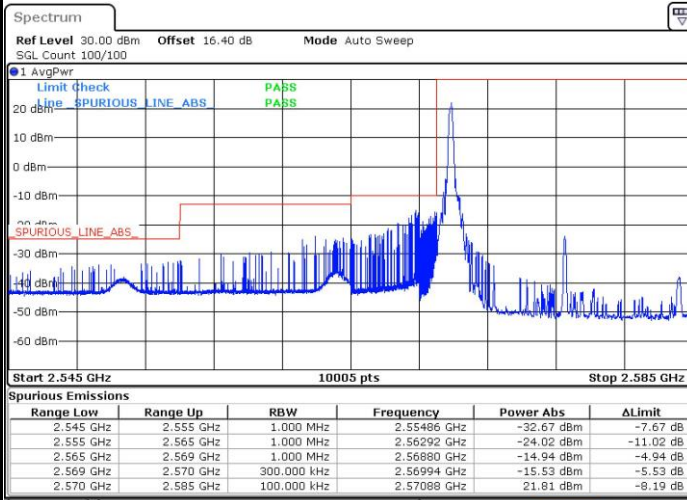


Date: 22 SEP 2018 02:32:16



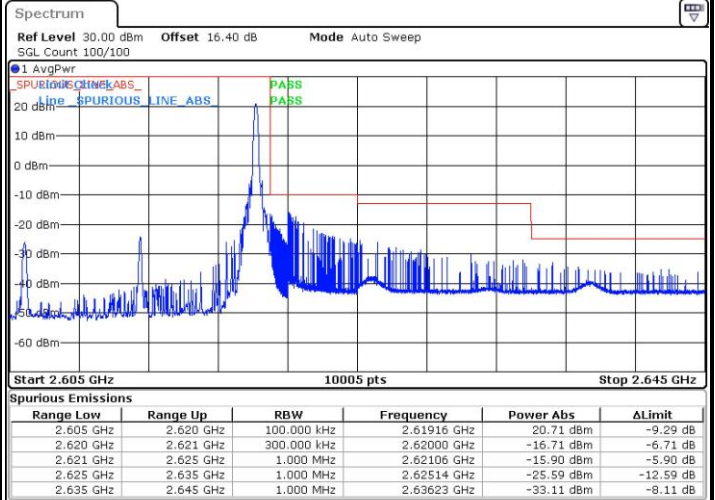
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



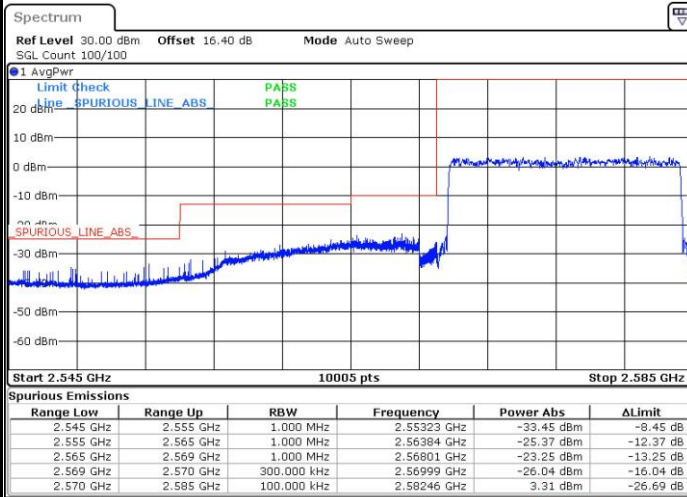
Date: 22 SEP 2018 02:35:43

Highest Band Edge / 1 RB



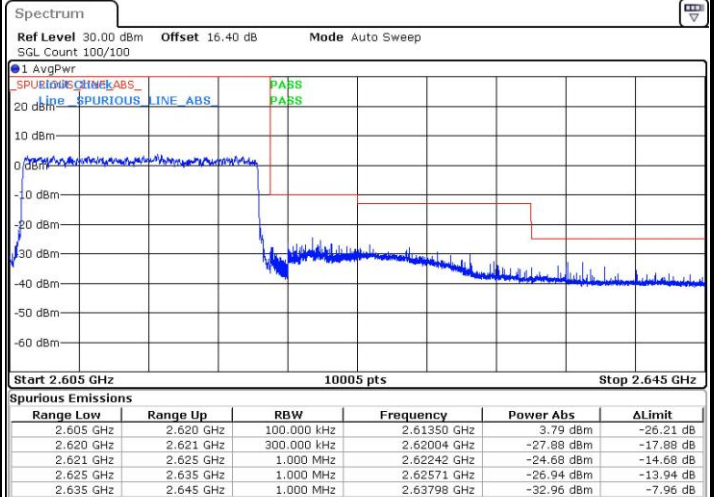
Date: 22 SEP 2018 02:42:36

Lowest Band Edge / Full RB



Date: 22 SEP 2018 02:38:00

Highest Band Edge / Full RB

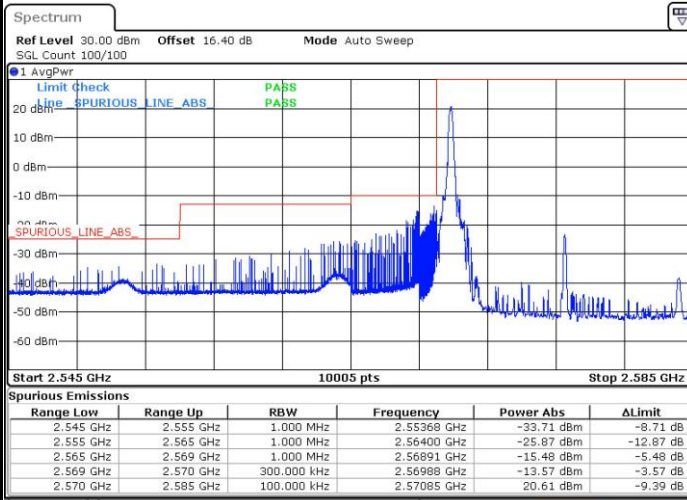


Date: 22 SEP 2018 02:40:18



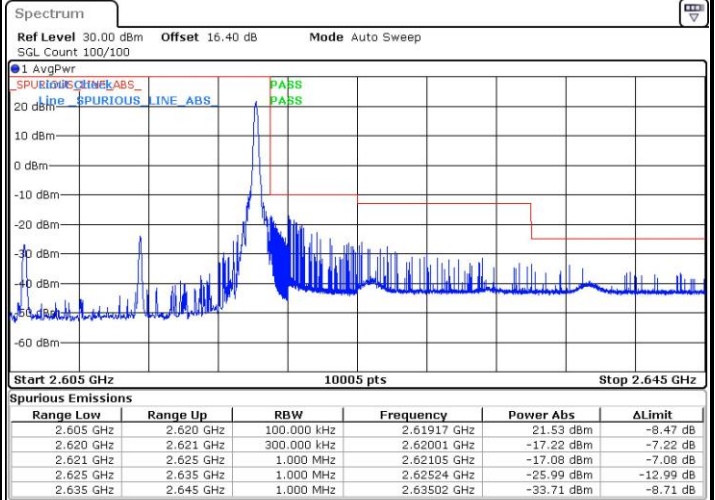
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



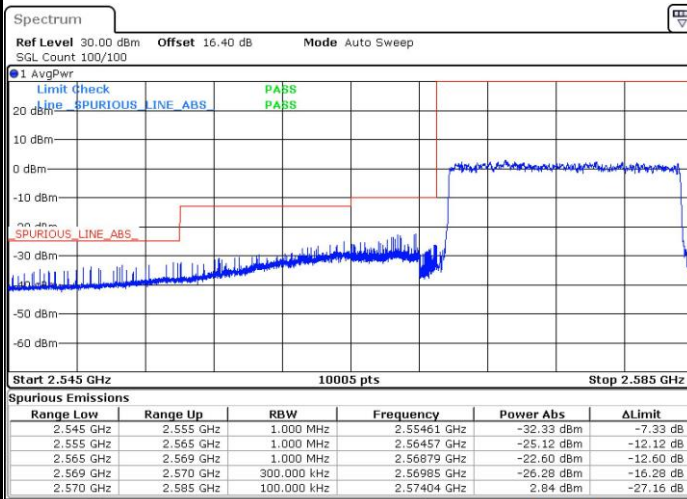
Date: 22 SEP 2018 02:36:51

Highest Band Edge / 1 RB



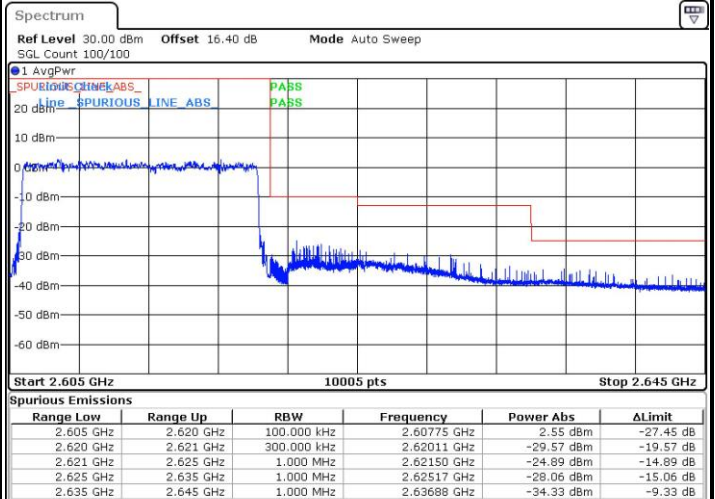
Date: 22 SEP 2018 02:43:45

Lowest Band Edge / Full RB



Date: 22 SEP 2018 02:39:09

Highest Band Edge / Full RB

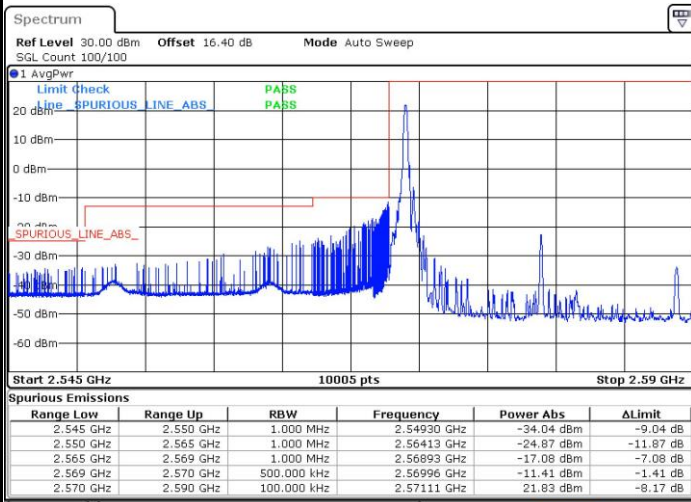


Date: 22 SEP 2018 02:41:27



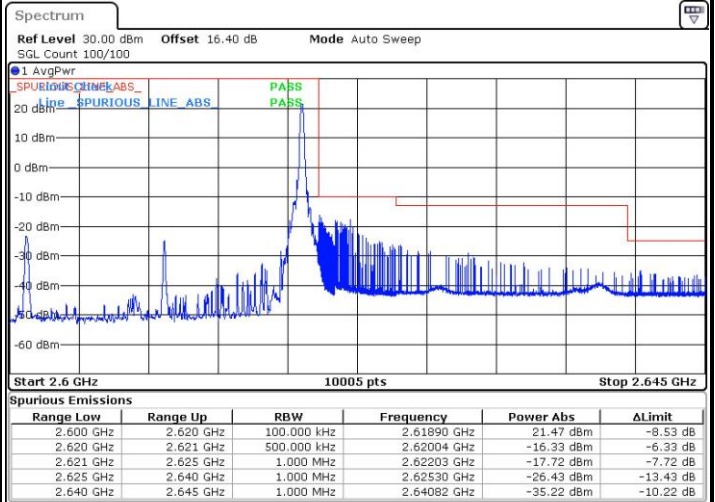
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



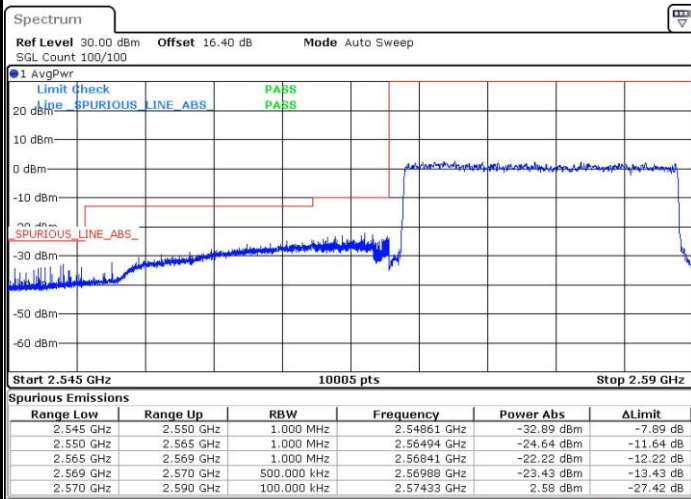
Date: 22 SEP 2018 02:44:54

Highest Band Edge / 1 RB



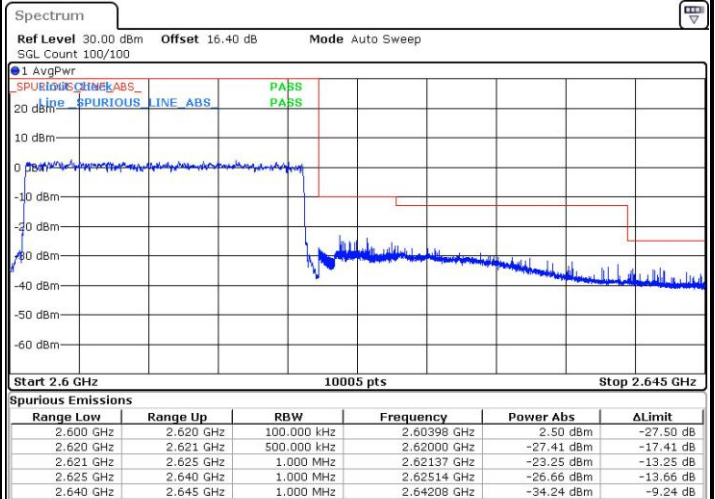
Date: 22 SEP 2018 02:51:49

Lowest Band Edge / Full RB



Date: 22 SEP 2018 02:47:12

Highest Band Edge / Full RB



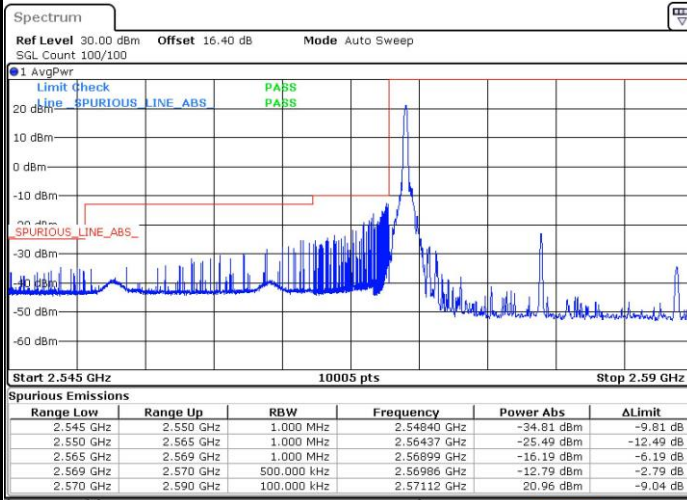
Date: 22 SEP 2018 02:49:30





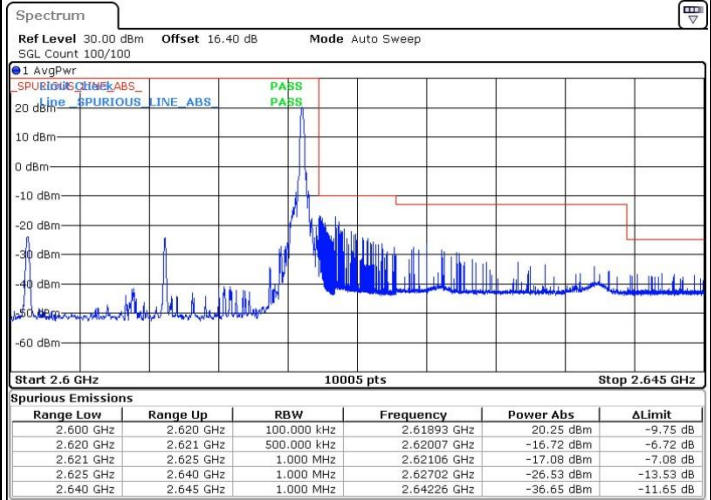
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



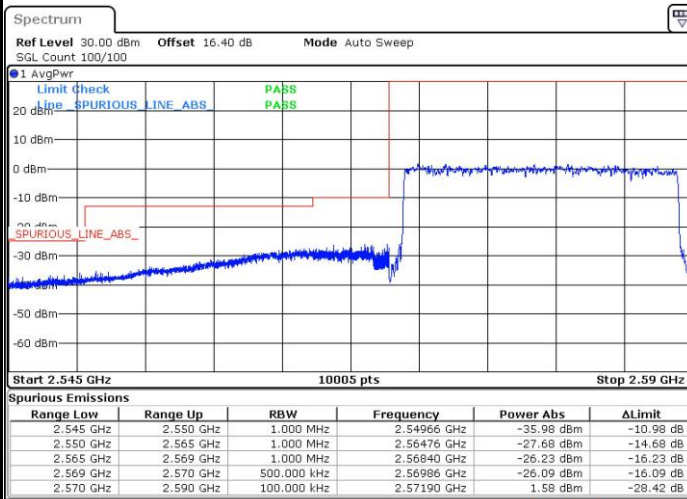
Date: 22 SEP 2018 02:46:03

Highest Band Edge / 1 RB



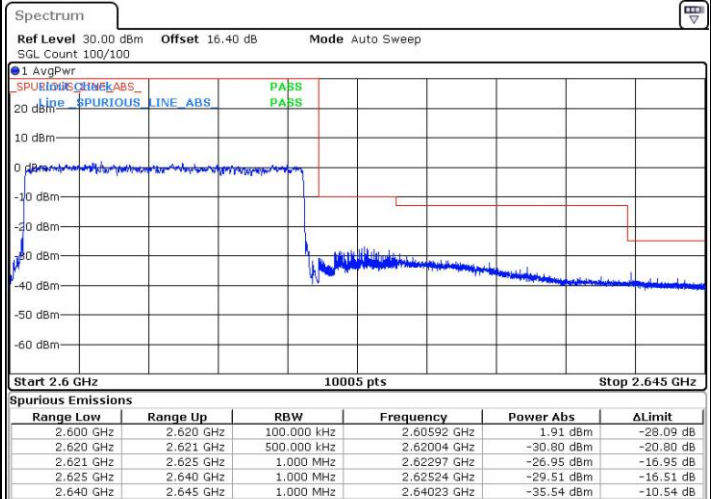
Date: 22 SEP 2018 02:52:58

Lowest Band Edge / Full RB



Date: 22 SEP 2018 02:48:21

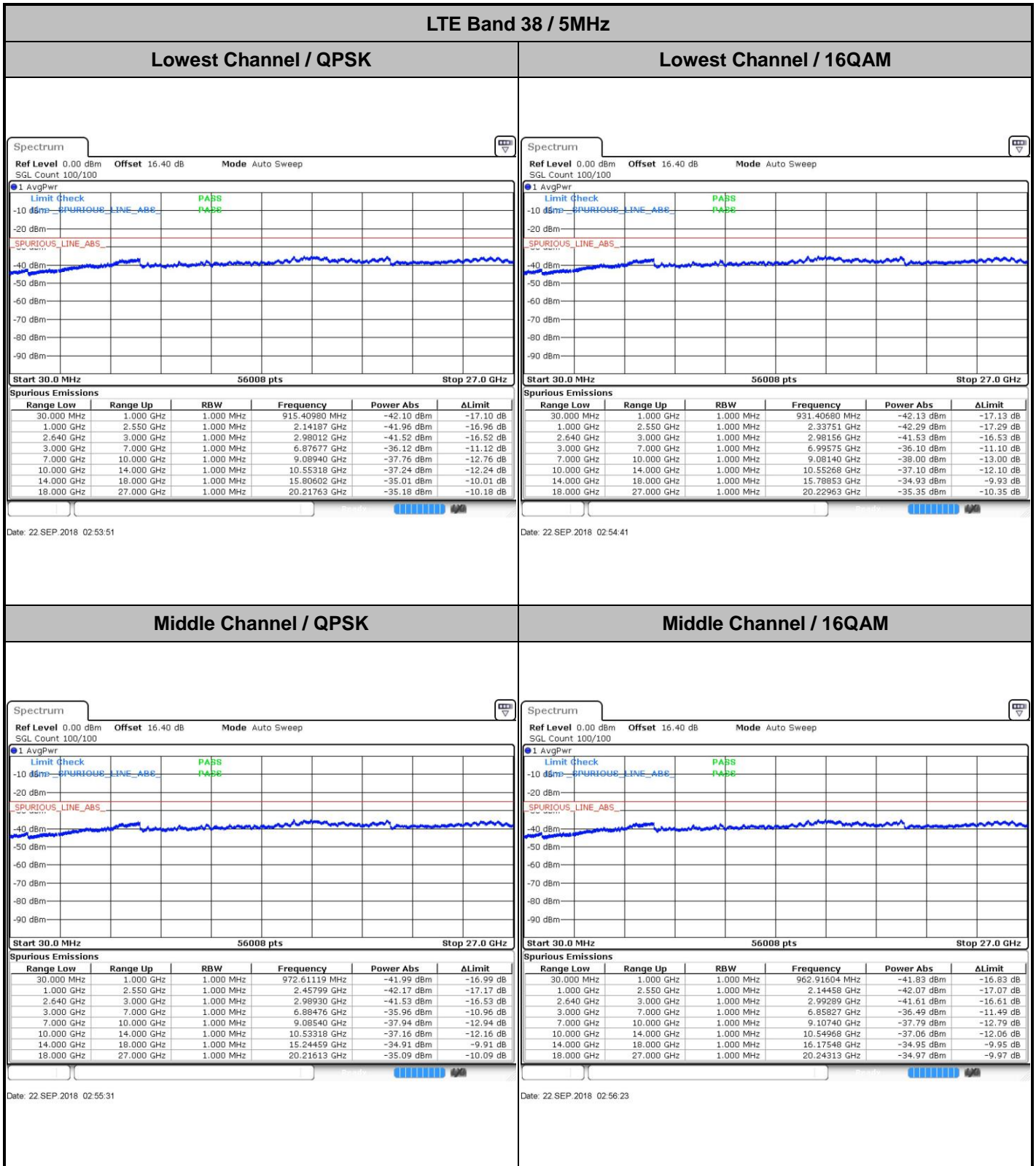
Highest Band Edge / Full RB



Date: 22 SEP 2018 02:50:40



# Conducted Spurious Emission

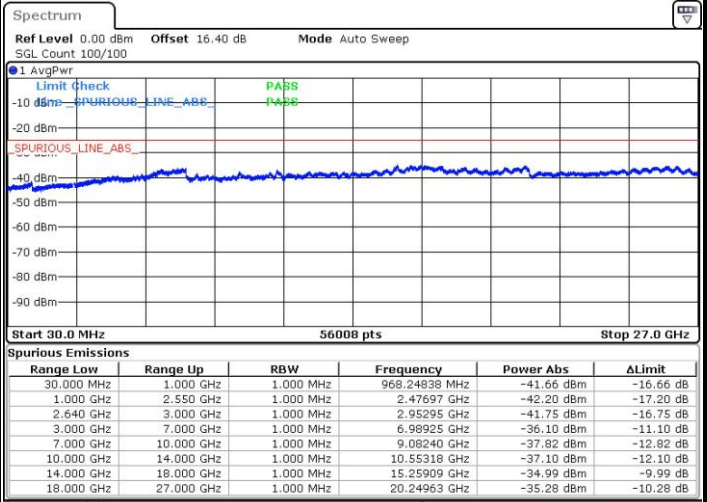
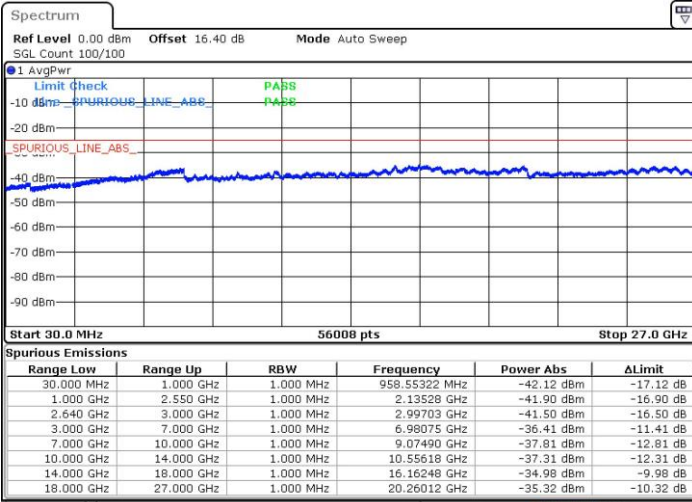




LTE Band 38 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



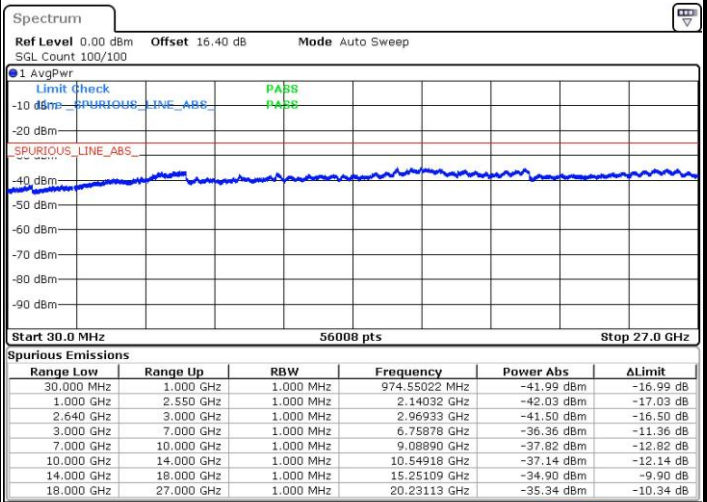
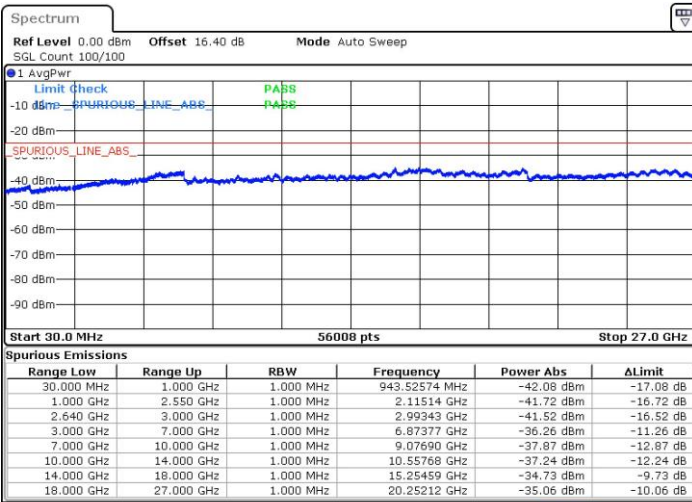
Date: 22 SEP 2018 02:57:13

Date: 22 SEP 2018 02:58:04

LTE Band 38 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 22 SEP 2018 02:58:54

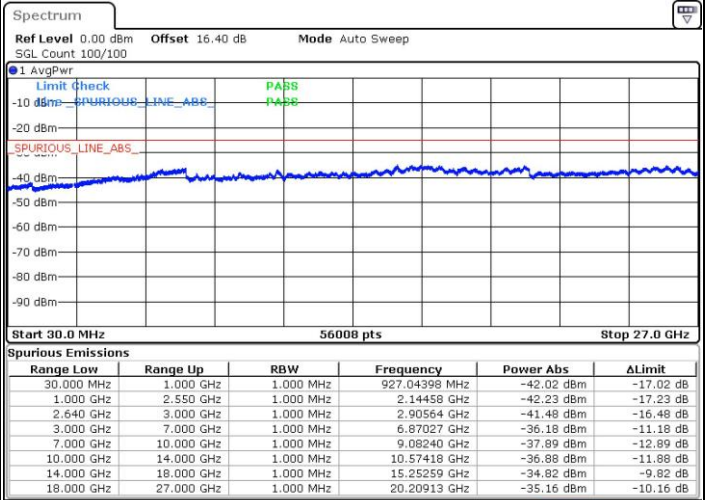
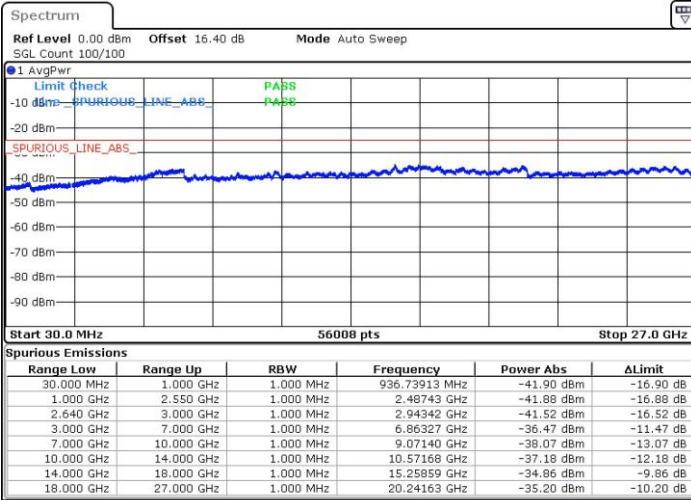
Date: 22 SEP 2018 02:59:44



LTE Band 38 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

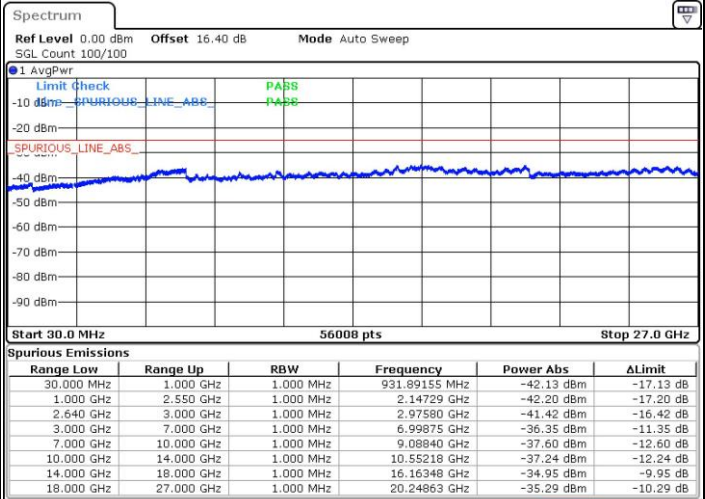
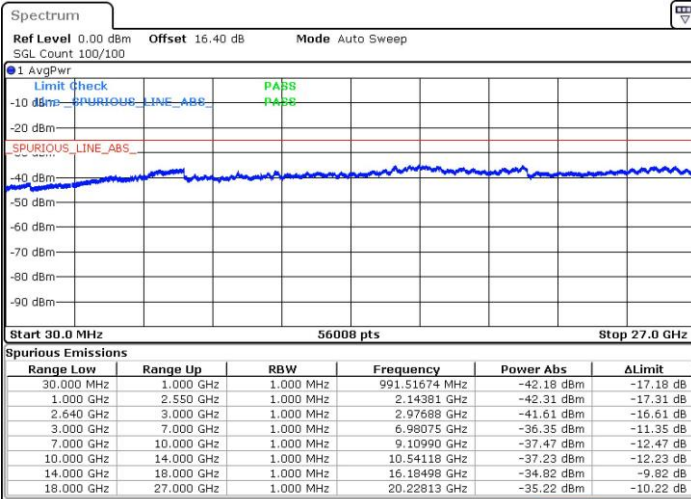


Date: 22 SEP 2018 03:00:34

Date: 22 SEP 2018 03:01:24

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22 SEP 2018 03:02:14

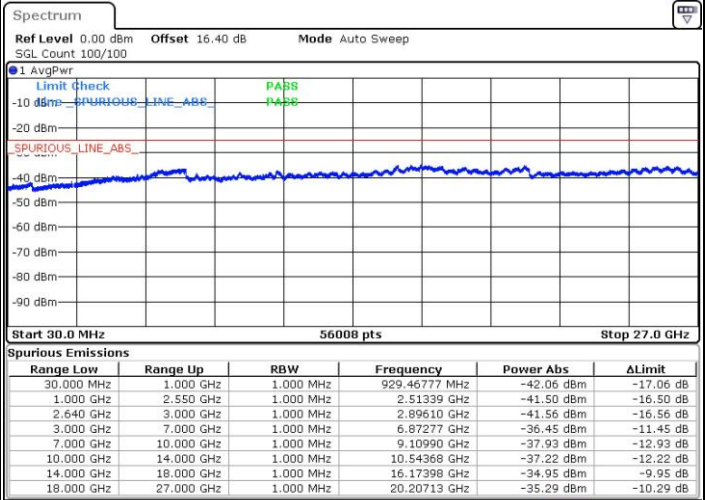
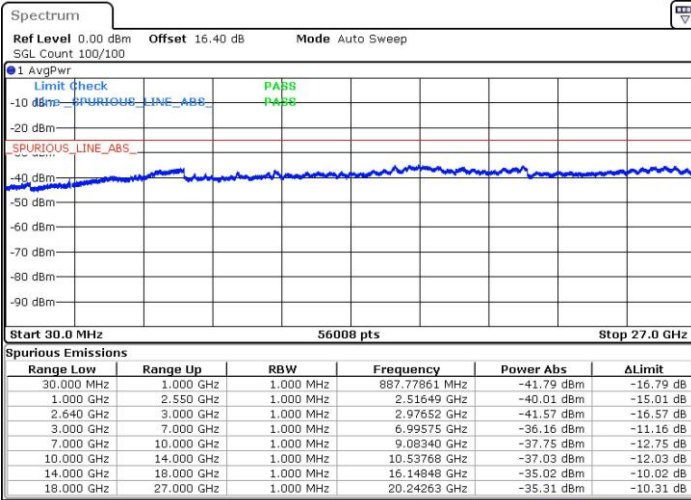
Date: 22 SEP 2018 03:03:05



LTE Band 38 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

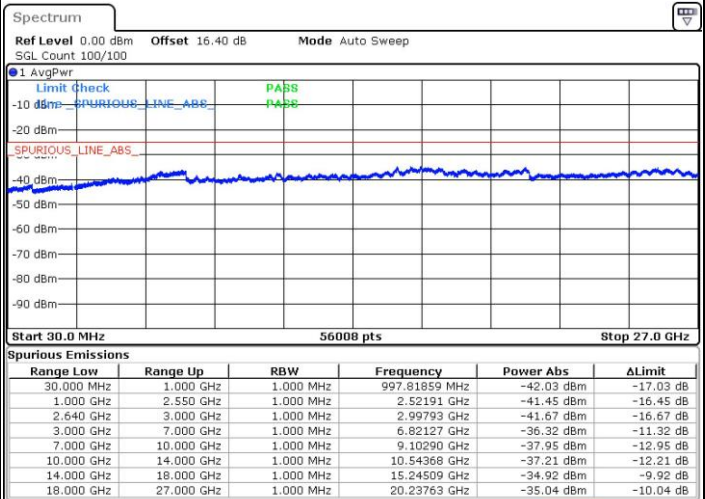
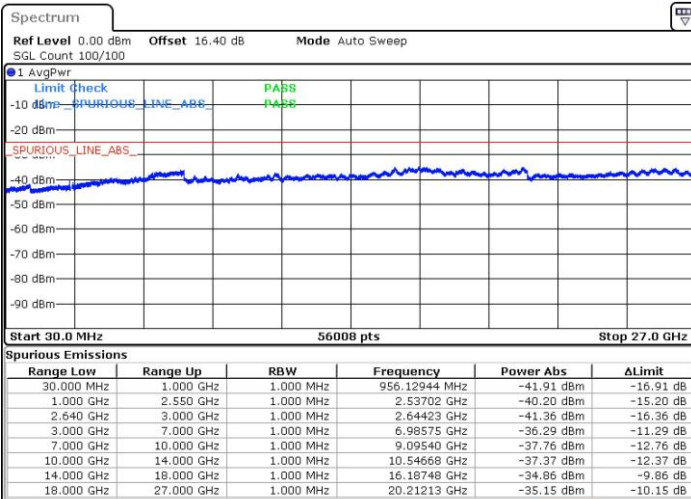


Date: 22 SEP.2018 03:03:55

Date: 22 SEP.2018 03:04:45

Middle Channel / QPSK

Middle Channel / 16QAM



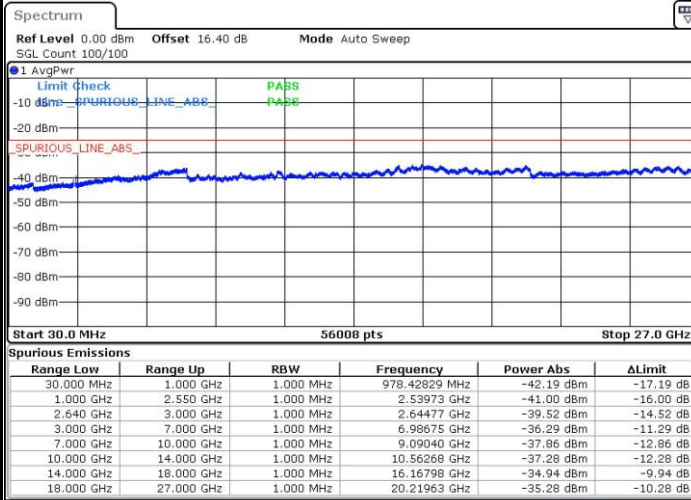
Date: 22 SEP.2018 03:05:35

Date: 22 SEP.2018 03:06:25



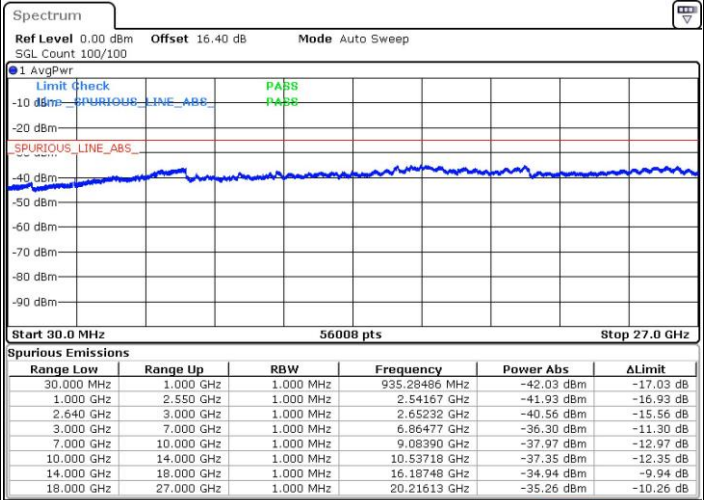
LTE Band 38 / 15MHz

Highest Channel / QPSK



Date: 22 SEP 2018 03:07:16

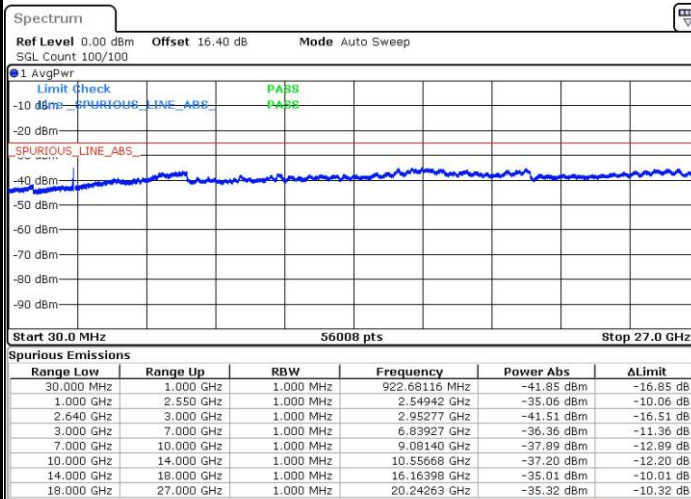
Highest Channel / 16QAM



Date: 22 SEP 2018 03:08:06

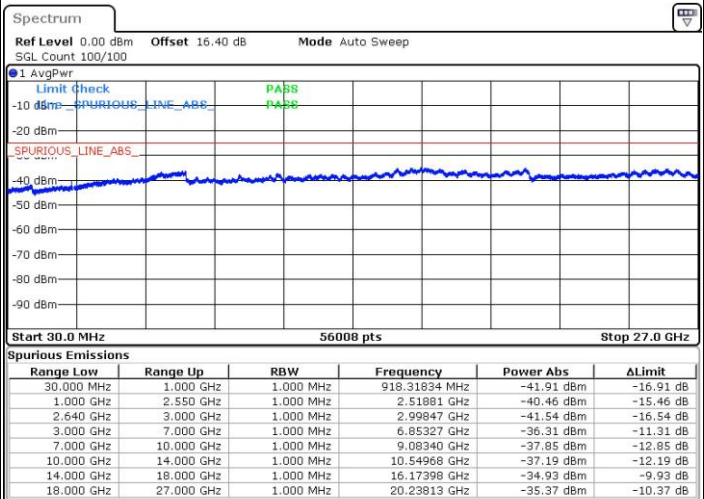
LTE Band 38 / 20MHz

Lowest Channel / QPSK



Date: 22 SEP 2018 03:08:56

Lowest Channel / 16QAM



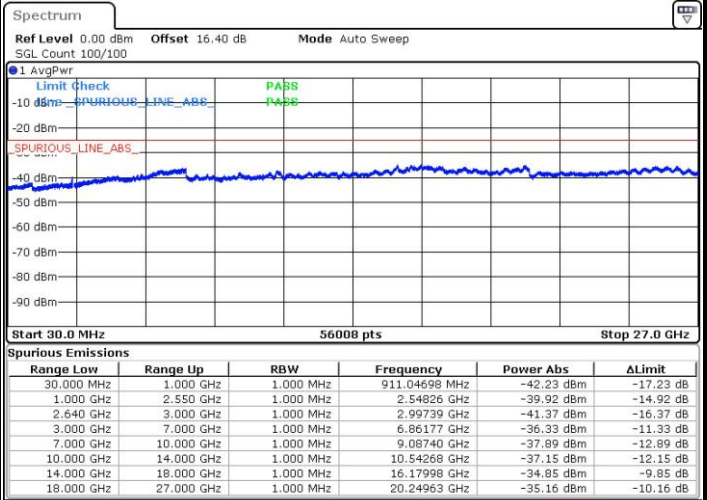
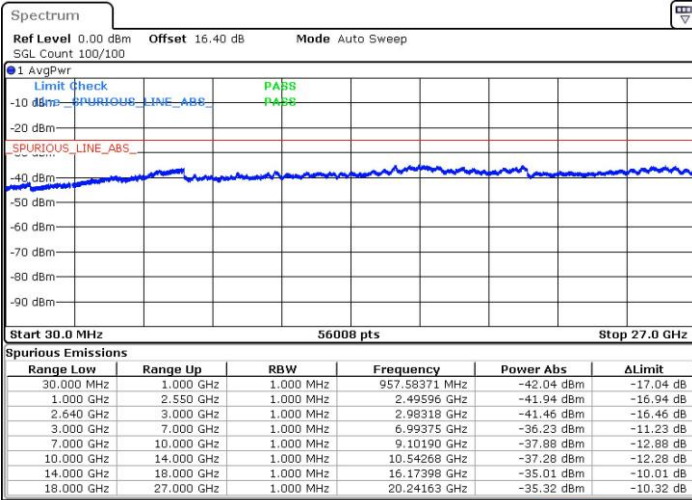
Date: 22 SEP 2018 03:09:46



LTE Band 38 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

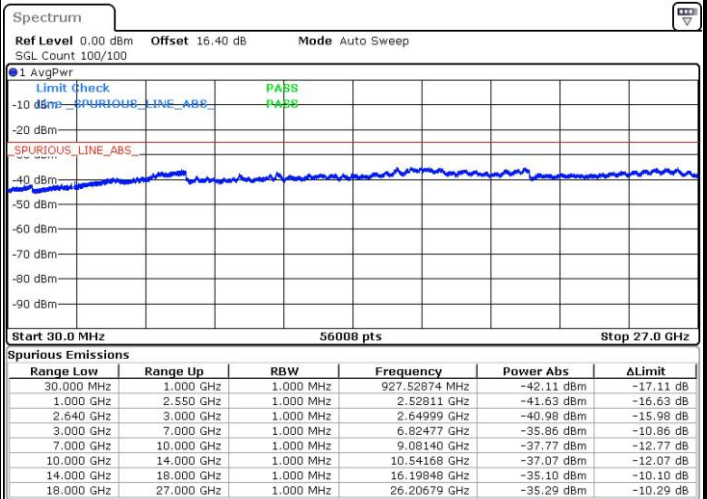
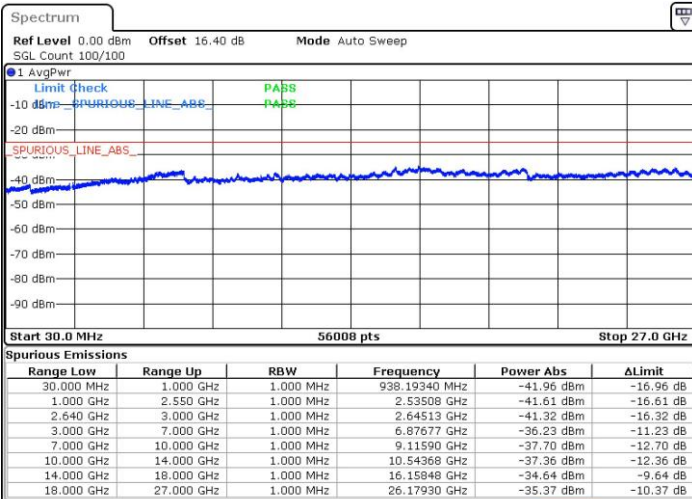


Date: 22 SEP 2018 03:10:36

Date: 22 SEP 2018 03:11:27

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22 SEP 2018 03:12:17

Date: 22 SEP 2018 03:13:07



**Frequency Stability**

| Test Conditions  |                   | LTE Band 38 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0026                              | PASS    |
| 40               | Normal Voltage    | 0.0019                              |         |
| 30               | Normal Voltage    | 0.0016                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0008                              |         |
| 0                | Normal Voltage    | 0.0042                              |         |
| -10              | Normal Voltage    | 0.0032                              |         |
| -20              | Normal Voltage    | 0.0010                              |         |
| -30              | Normal Voltage    | 0.0025                              |         |
| 20               | Maximum Voltage   | 0.0027                              |         |
| 20               | Normal Voltage    | 0.0022                              |         |
| 20               | Battery End Point | 0.0031                              |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.





# LTE Band 41 HPUE

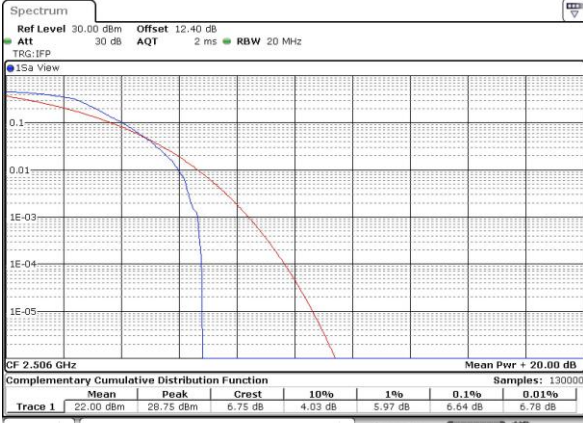
## Peak-to-Average Ratio

| Mode       | LTE Band 41 / 20MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 6.64                | 5.74    | 5.04  | 7.10    | PASS        |
| Middle CH  | 5.07                | 8.23    | 6.58  | 6.06    |             |
| Highest CH | 7.59                | 5.30    | 7.65  | 8.43    |             |



LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



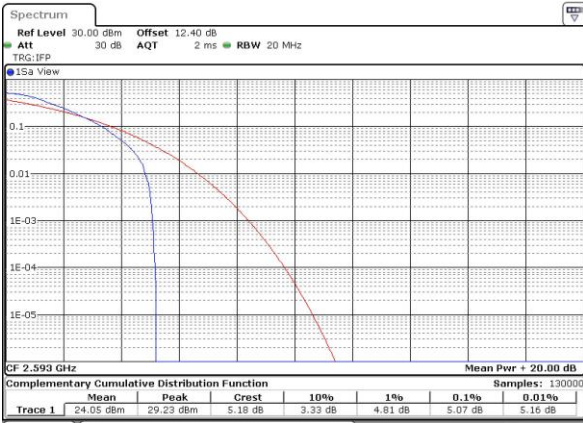
Date: 22 SEP 2018 06:41:25

Lowest Channel / Full RB



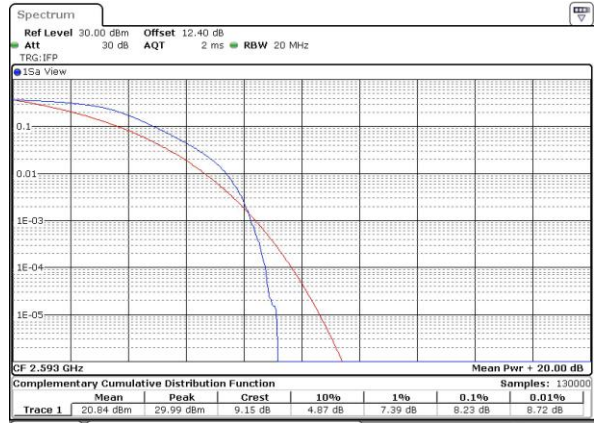
Date: 22 SEP 2018 06:41:52

Middle Channel / 1RB



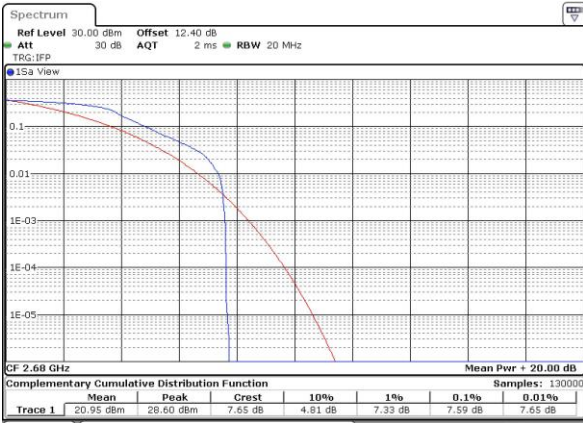
Date: 22 SEP 2018 06:42:22

Middle Channel / Full RB



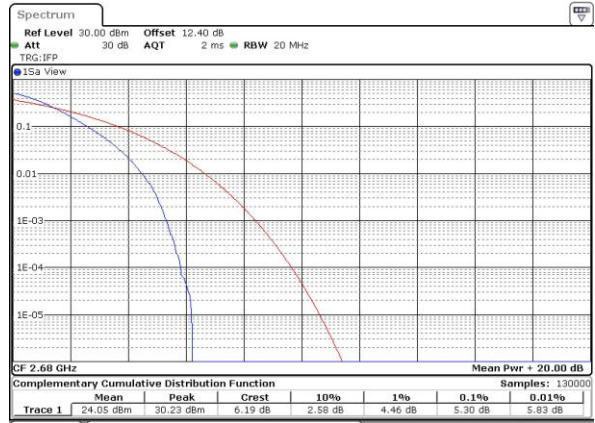
Date: 22 SEP 2018 06:42:39

Highest Channel / 1RB



Date: 22 SEP 2018 06:42:56

Highest Channel / Full RB



Date: 22 SEP 2018 06:43:16