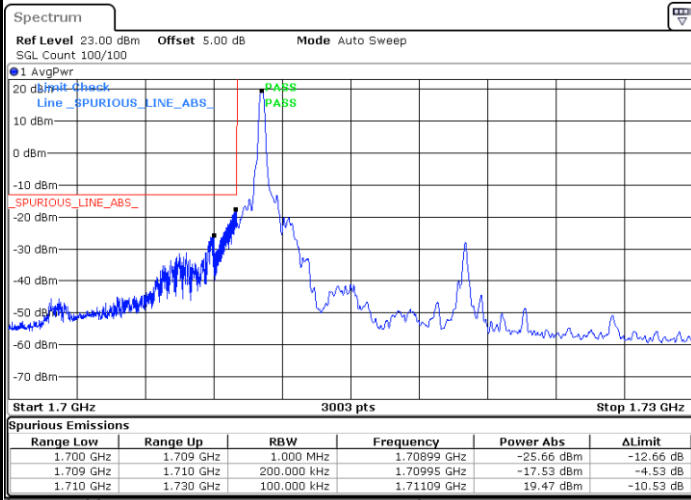




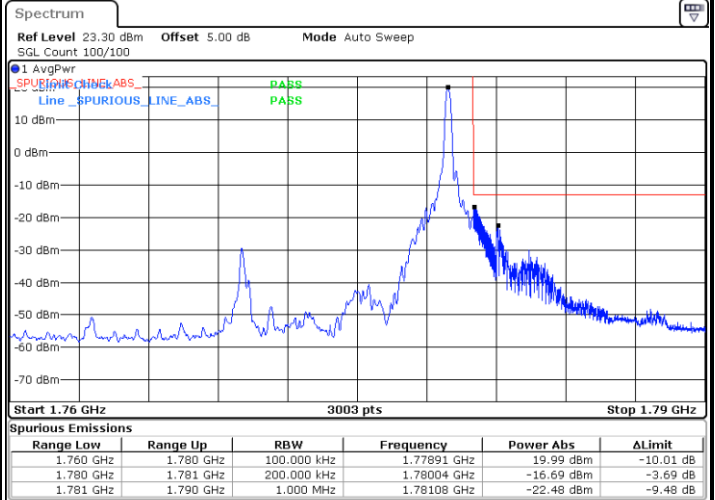
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



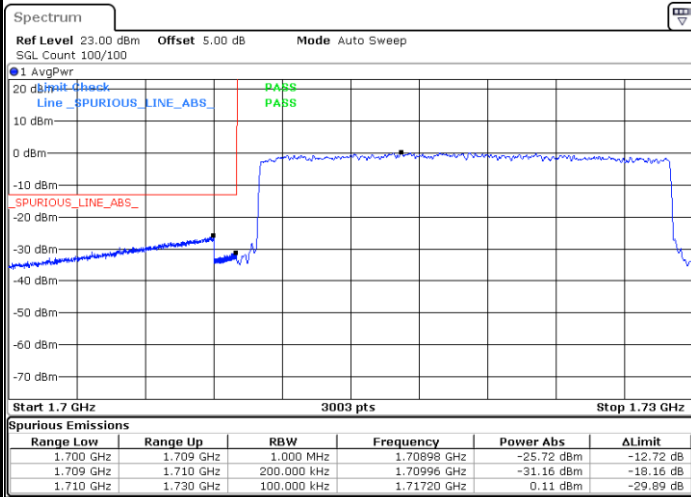
Date: 27.NOV.2020 12:47:21

Highest Band Edge / 1 RB



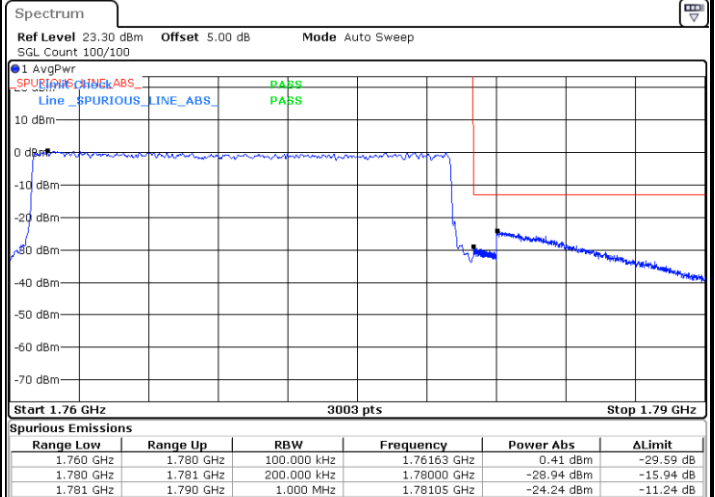
Date: 27.NOV.2020 12:56:00

Lowest Band Edge / Full RB



Date: 27.NOV.2020 12:46:56

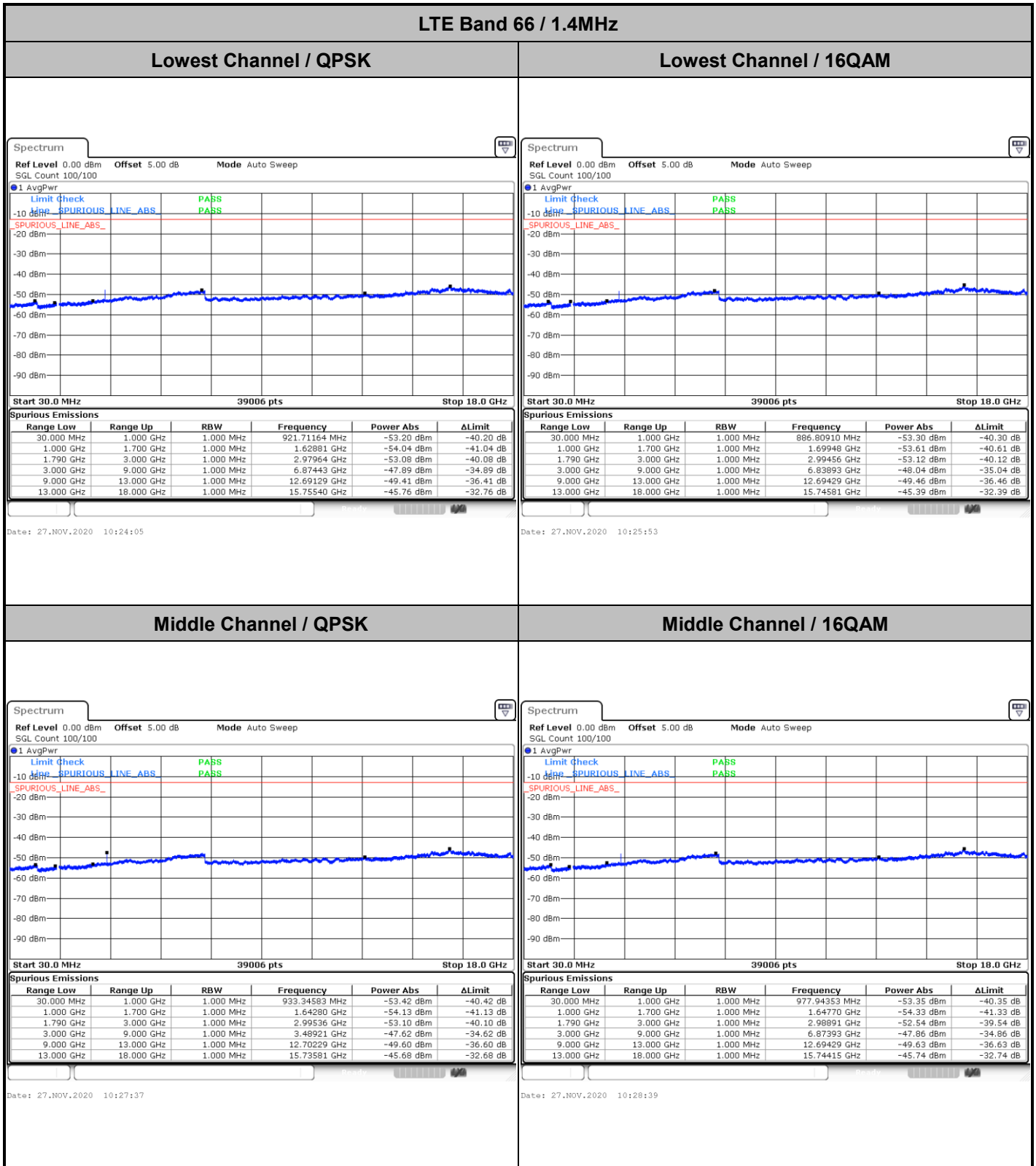
Highest Band Edge / Full RB



Date: 27.NOV.2020 12:55:38



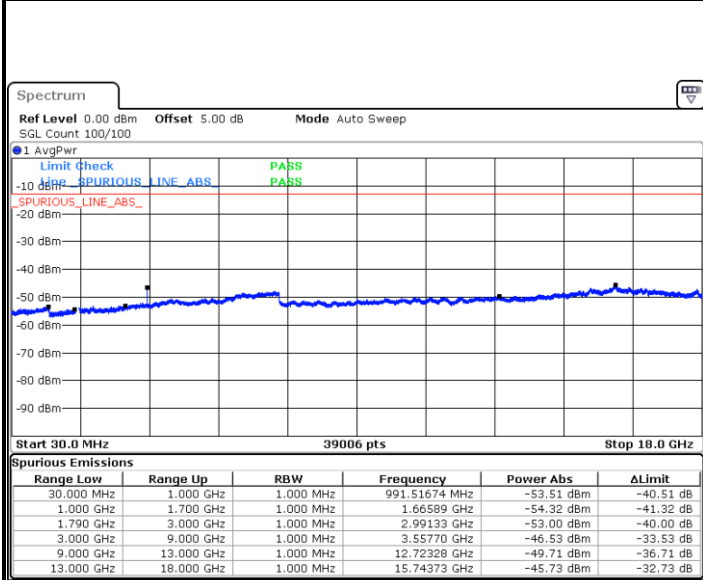
Conducted Spurious Emission





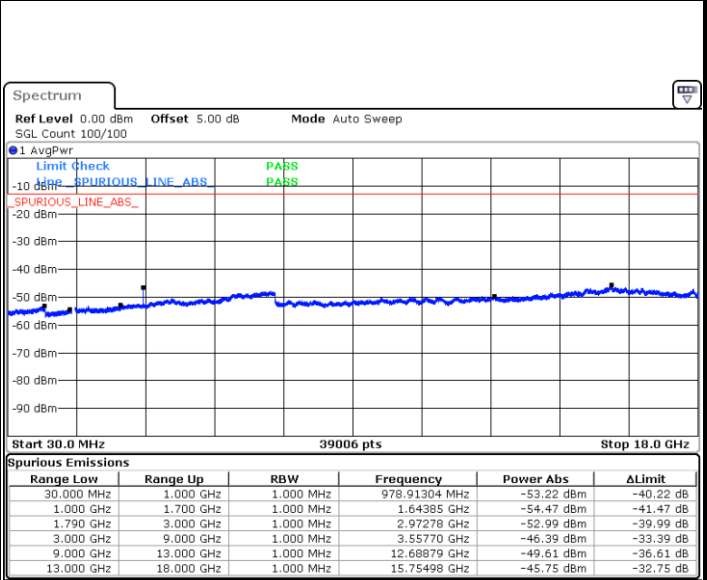
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 27.NOV.2020 10:36:15

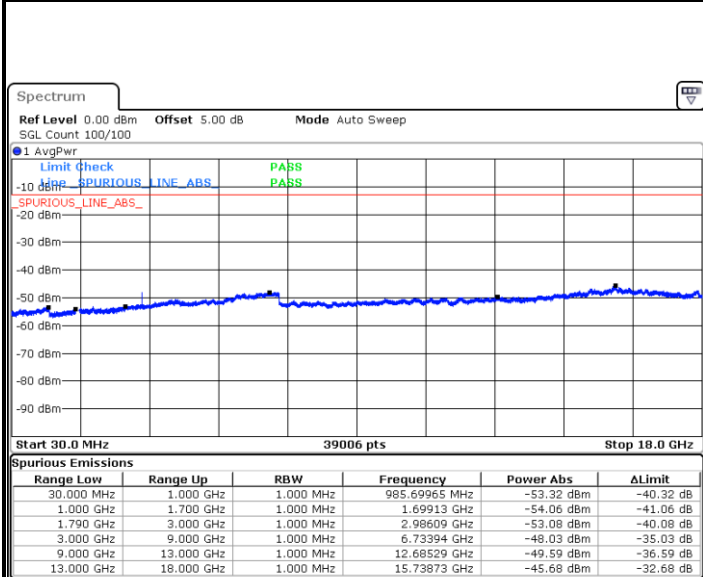
Highest Channel / 16QAM



Date: 27.NOV.2020 10:36:59

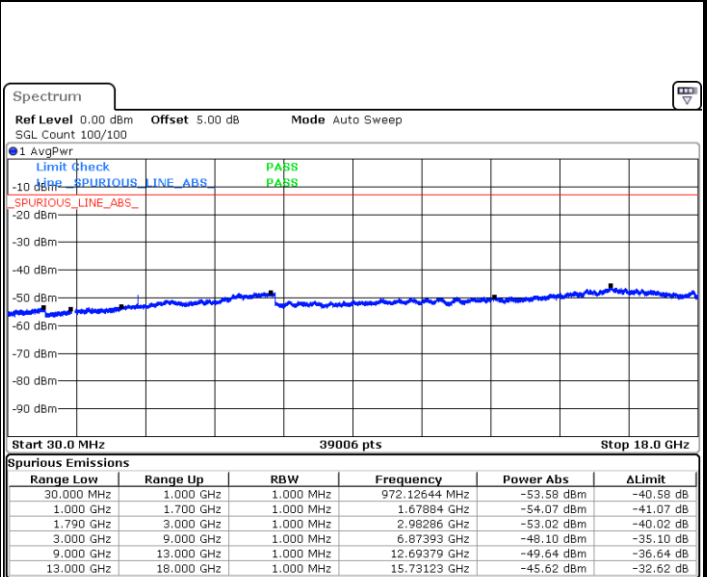
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 27.NOV.2020 10:44:48

Lowest Channel / 16QAM



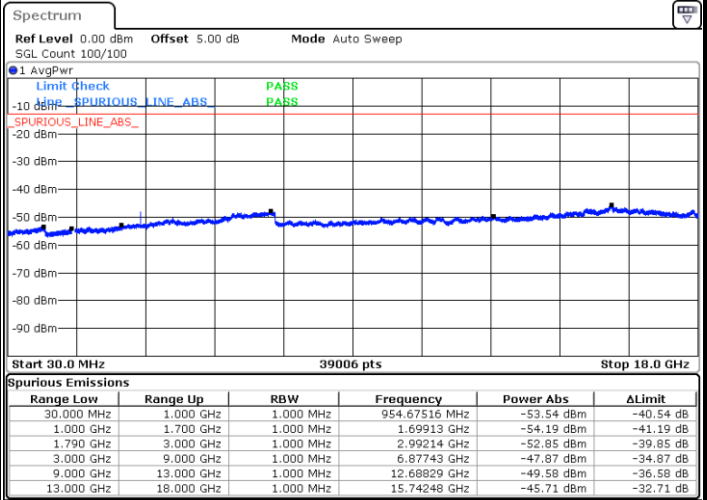
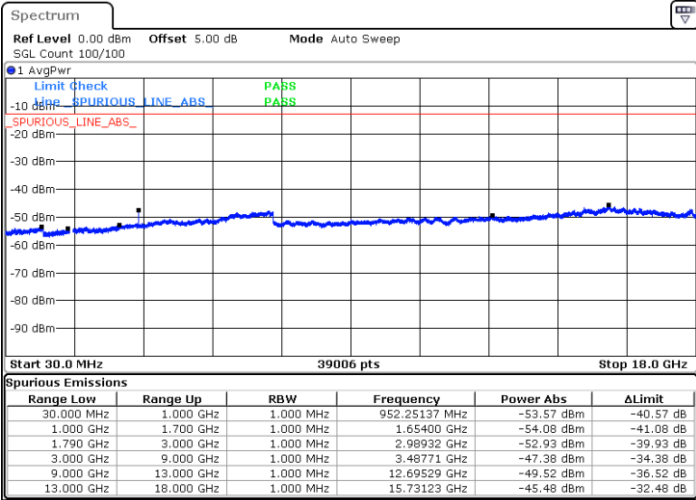
Date: 27.NOV.2020 10:41:41



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

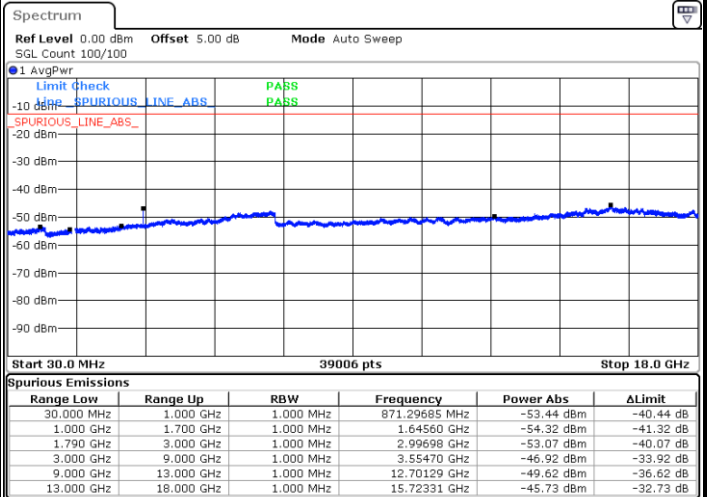
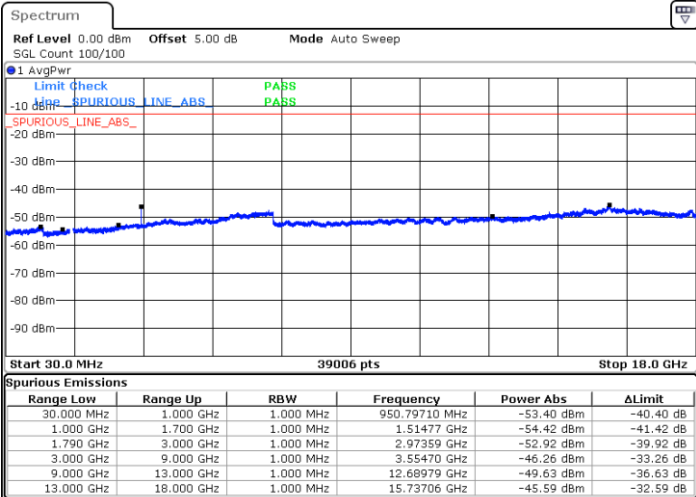


Date: 27.NOV.2020 10:45:39

Date: 27.NOV.2020 10:46:41

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 27.NOV.2020 10:51:43

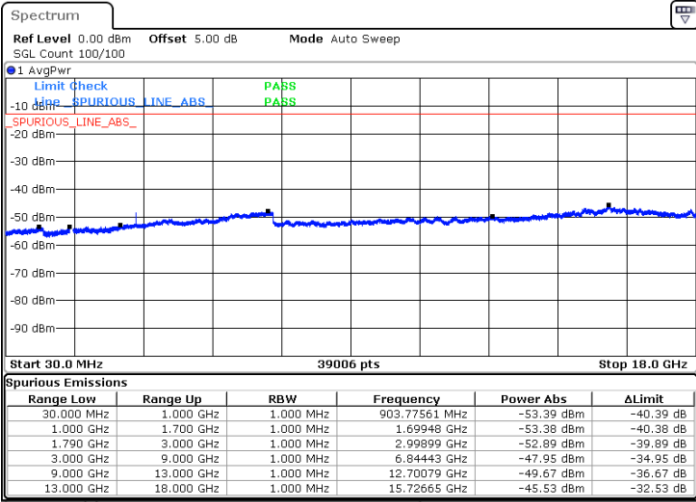
Date: 27.NOV.2020 10:52:26



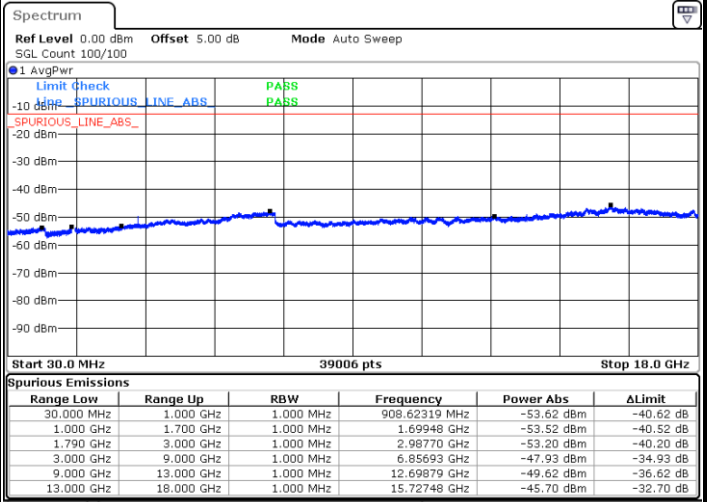
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



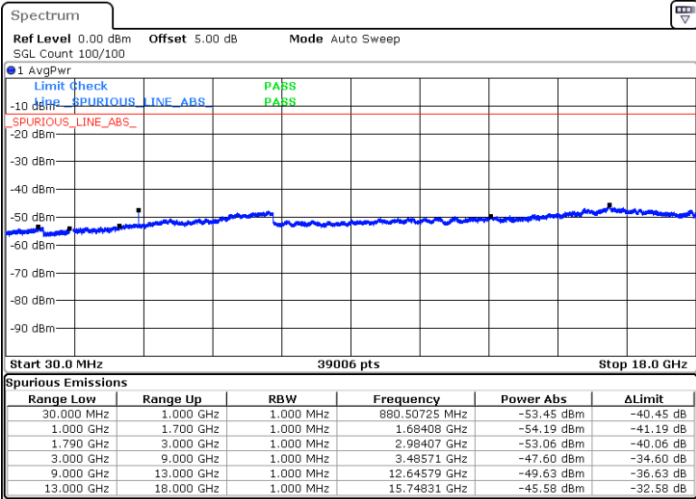
Date: 27.NOV.2020 10:56:35



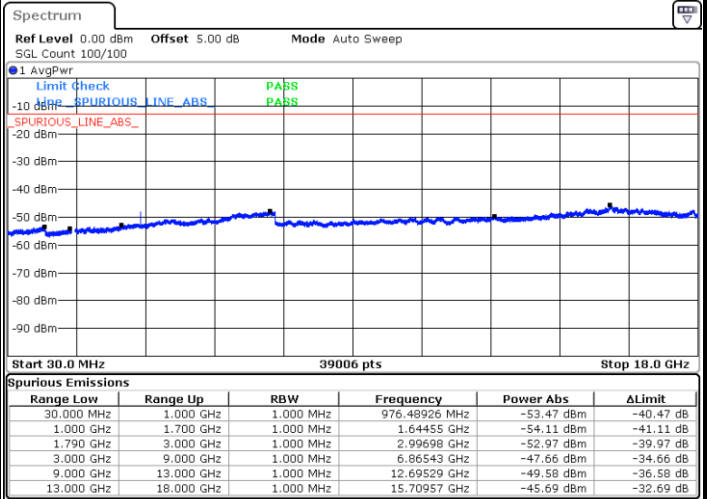
Date: 27.NOV.2020 10:55:33

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 27.NOV.2020 10:57:29

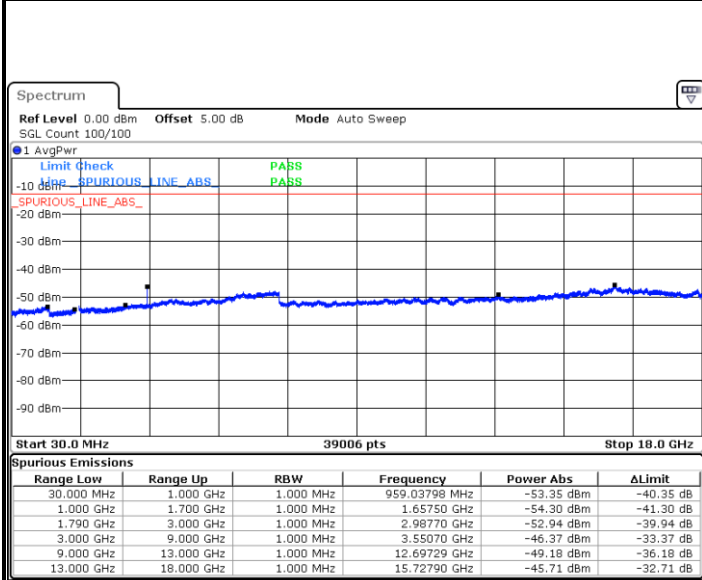


Date: 27.NOV.2020 10:58:11



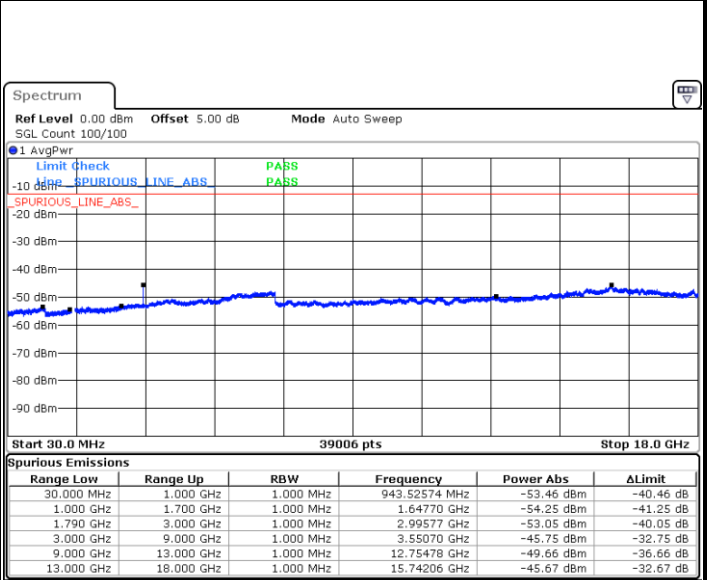
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 27.NOV.2020 12:14:34

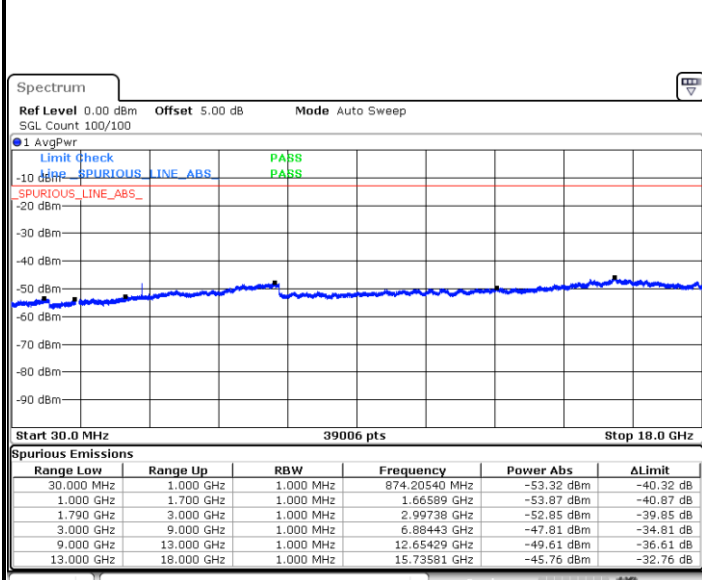
Highest Channel / 16QAM



Date: 27.NOV.2020 12:15:22

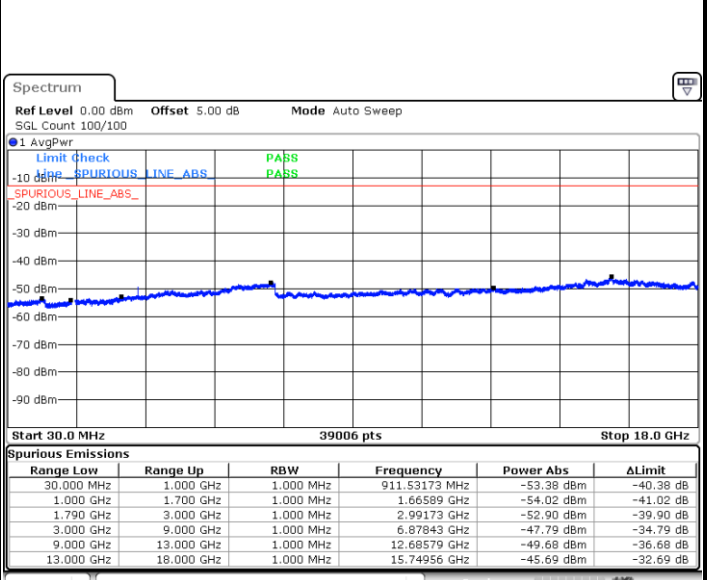
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 27.NOV.2020 12:19:18

Lowest Channel / 16QAM



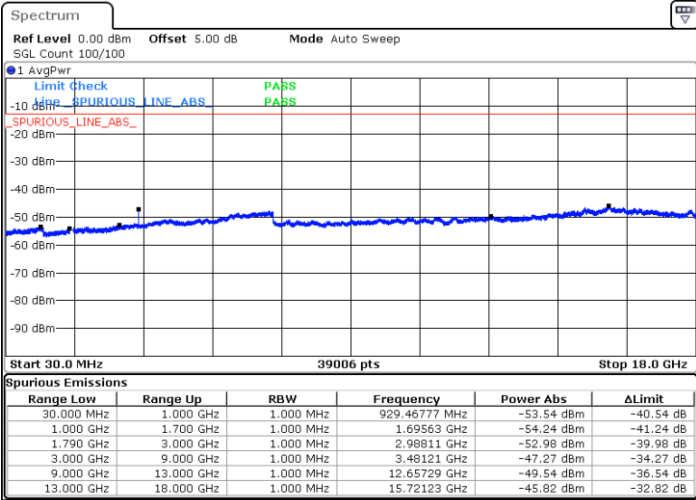
Date: 27.NOV.2020 12:18:05



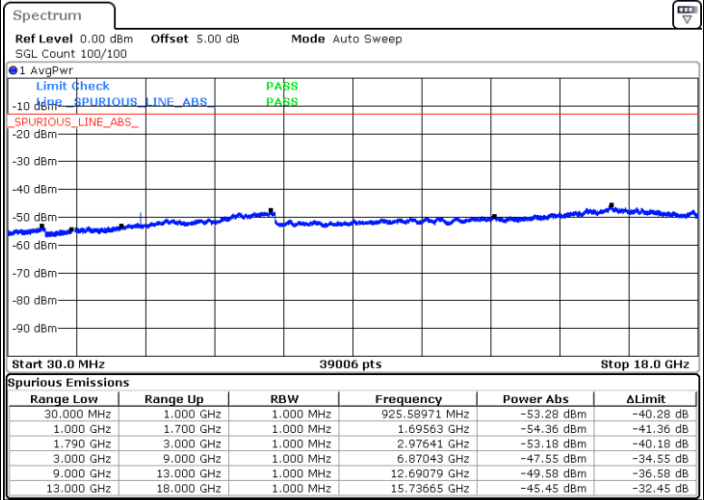
LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



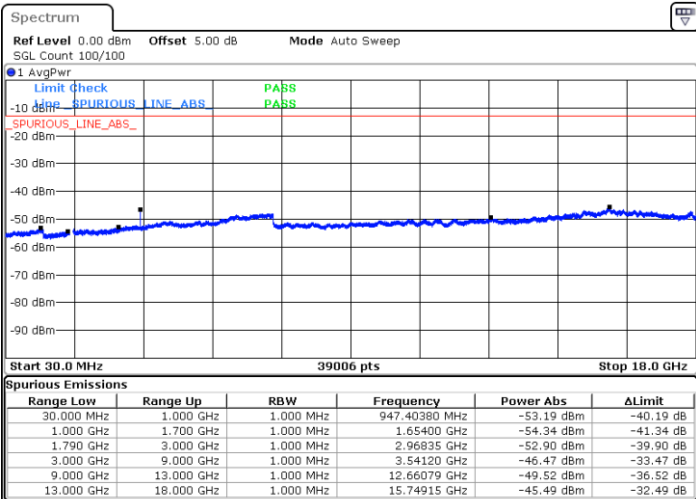
Date: 27.NOV.2020 12:20:06



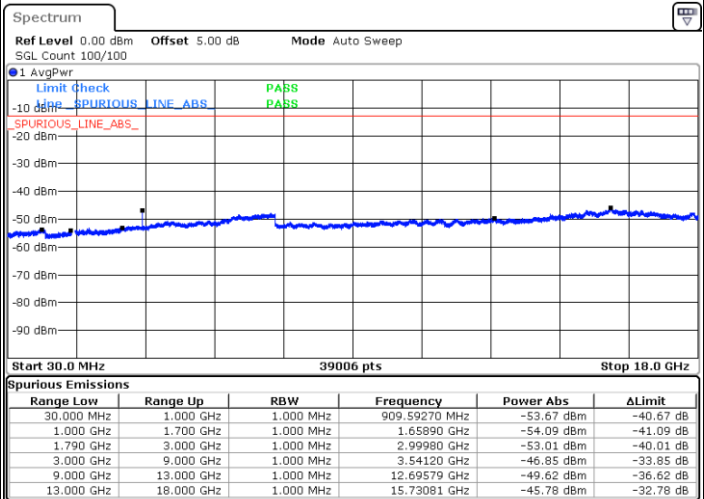
Date: 27.NOV.2020 12:20:50

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 27.NOV.2020 12:24:35

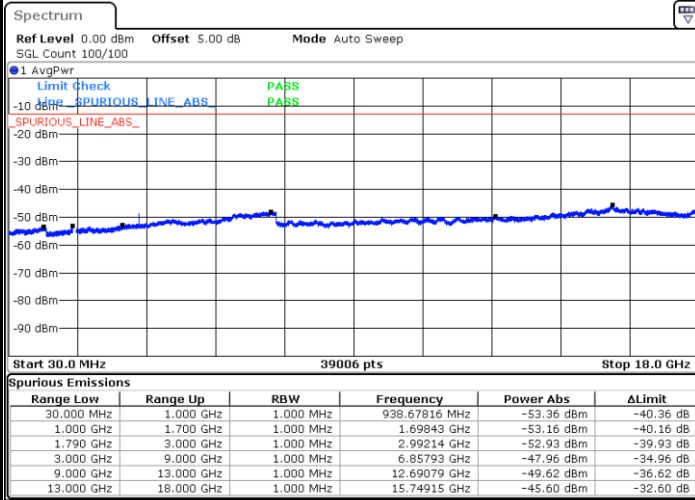


Date: 27.NOV.2020 12:25:30



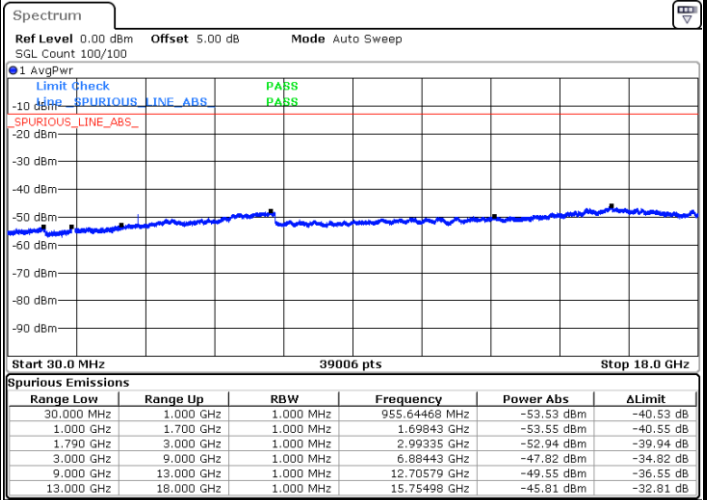
LTE Band 66 / 15MHz

Lowest Channel / QPSK



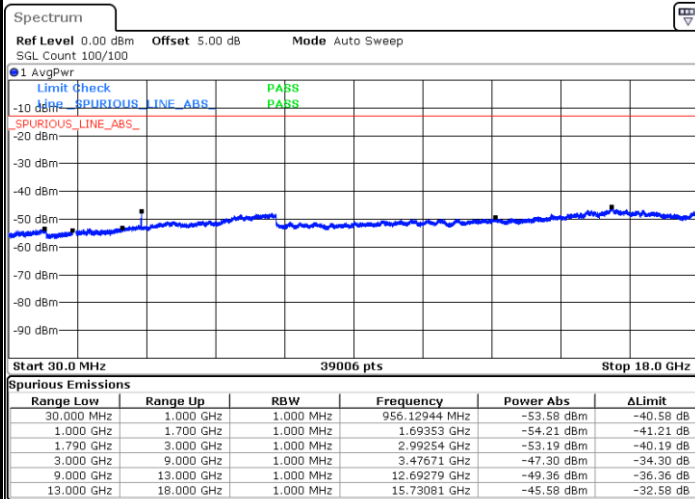
Date: 27.NOV.2020 12:32:48

Lowest Channel / 16QAM



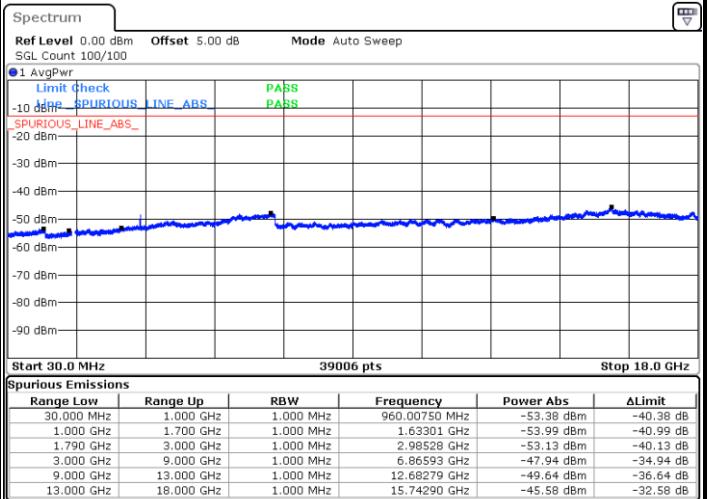
Date: 27.NOV.2020 12:33:44

Middle Channel / QPSK



Date: 27.NOV.2020 12:35:53

Middle Channel / 16QAM

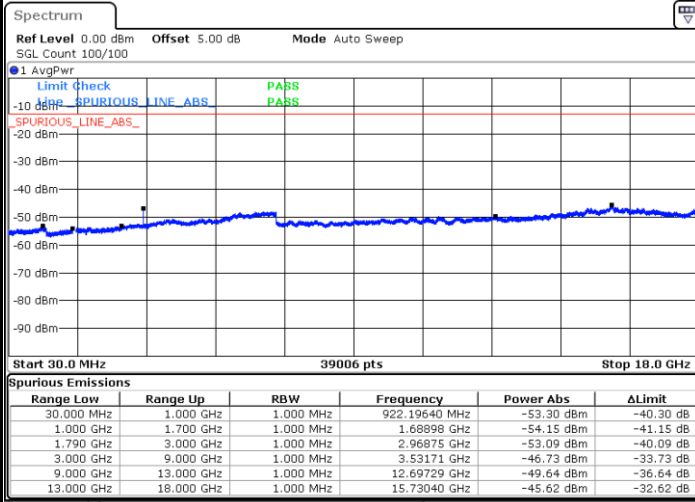


Date: 27.NOV.2020 12:34:37



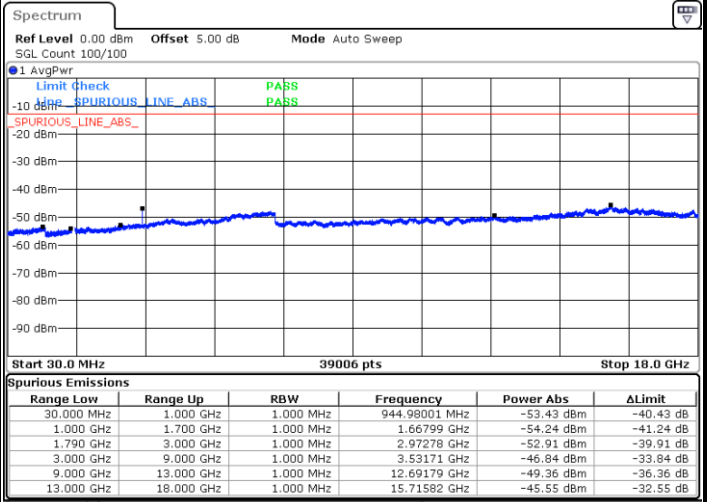
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 27.NOV.2020 12:44:50

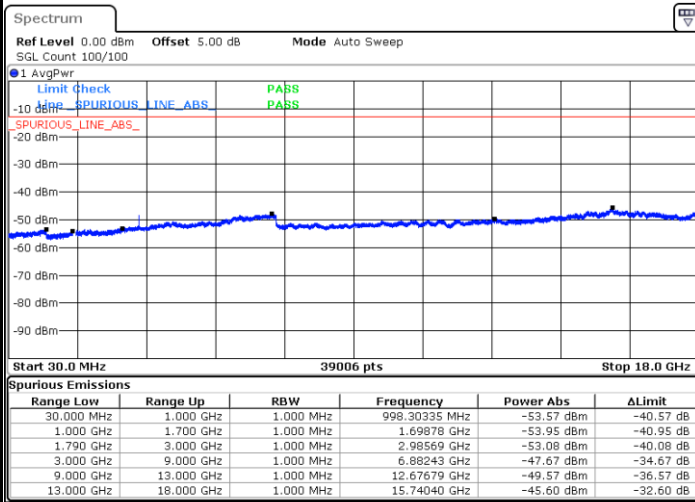
Highest Channel / 16QAM



Date: 27.NOV.2020 12:42:26

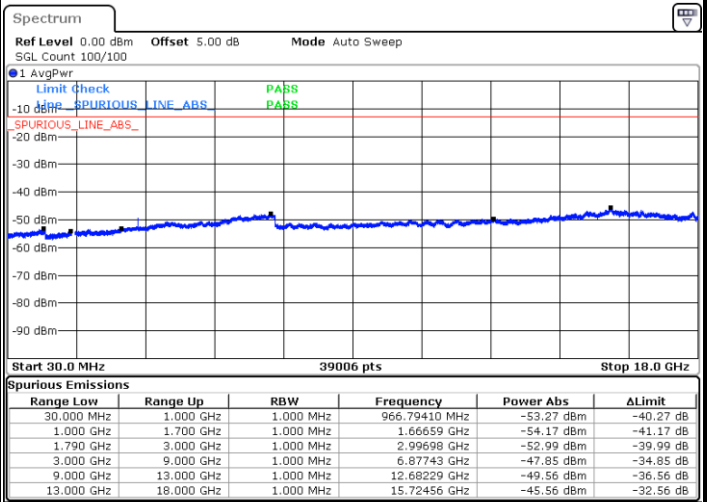
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 27.NOV.2020 12:48:59

Lowest Channel / 16QAM



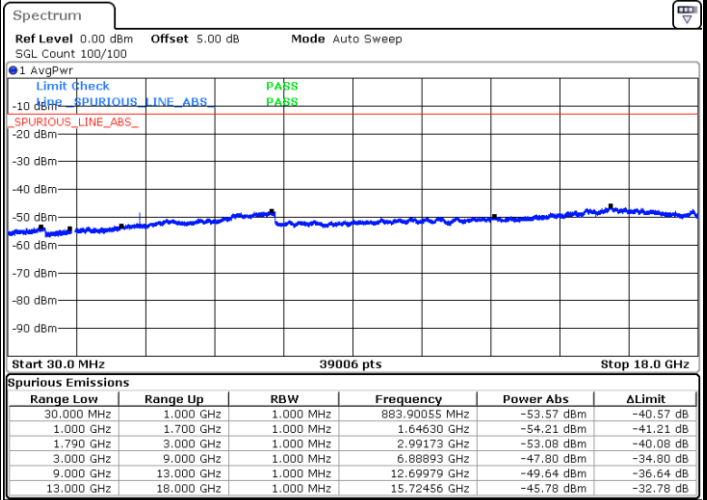
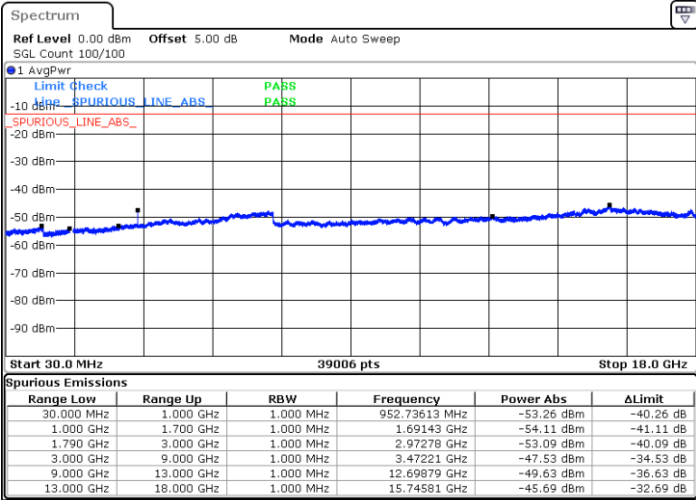
Date: 27.NOV.2020 12:47:56



LTE Band 66 / 20MHz

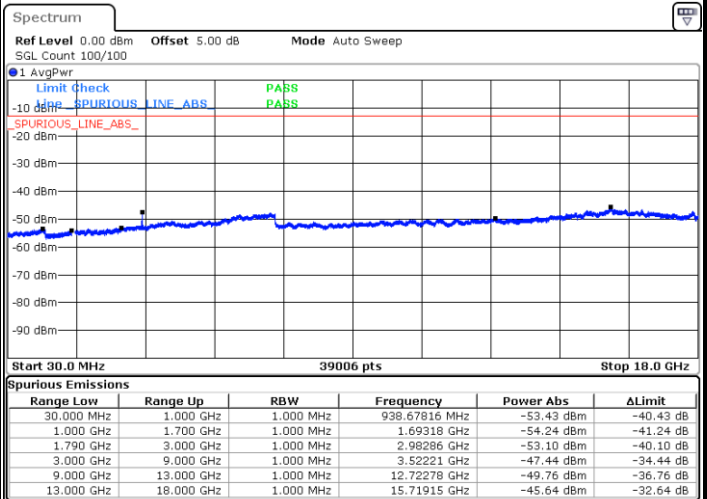
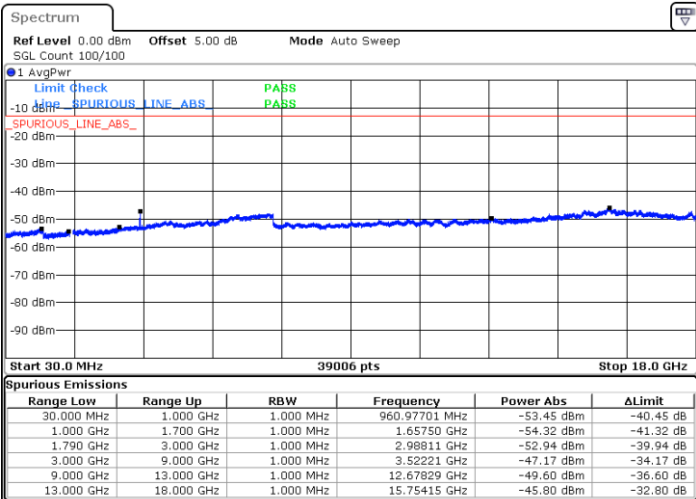
Middle Channel / QPSK

Middle Channel / 16QAM



Highest Channel / QPSK

Highest Channel / 16QAM





Frequency Stability

| Test Conditions | | LTE Band 66 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0012 | PASS |
| 40 | Normal Voltage | 0.0022 | |
| 30 | Normal Voltage | 0.0006 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0005 | |
| 0 | Normal Voltage | 0.0006 | |
| -10 | Normal Voltage | 0.0012 | |
| -20 | Normal Voltage | 0.0006 | |
| -30 | Normal Voltage | 0.0006 | |
| 20 | Maximum Voltage | 0.0008 | |
| 20 | Normal Voltage | 0.0011 | |
| 20 | Battery End Point | 0.0012 | |

Note:

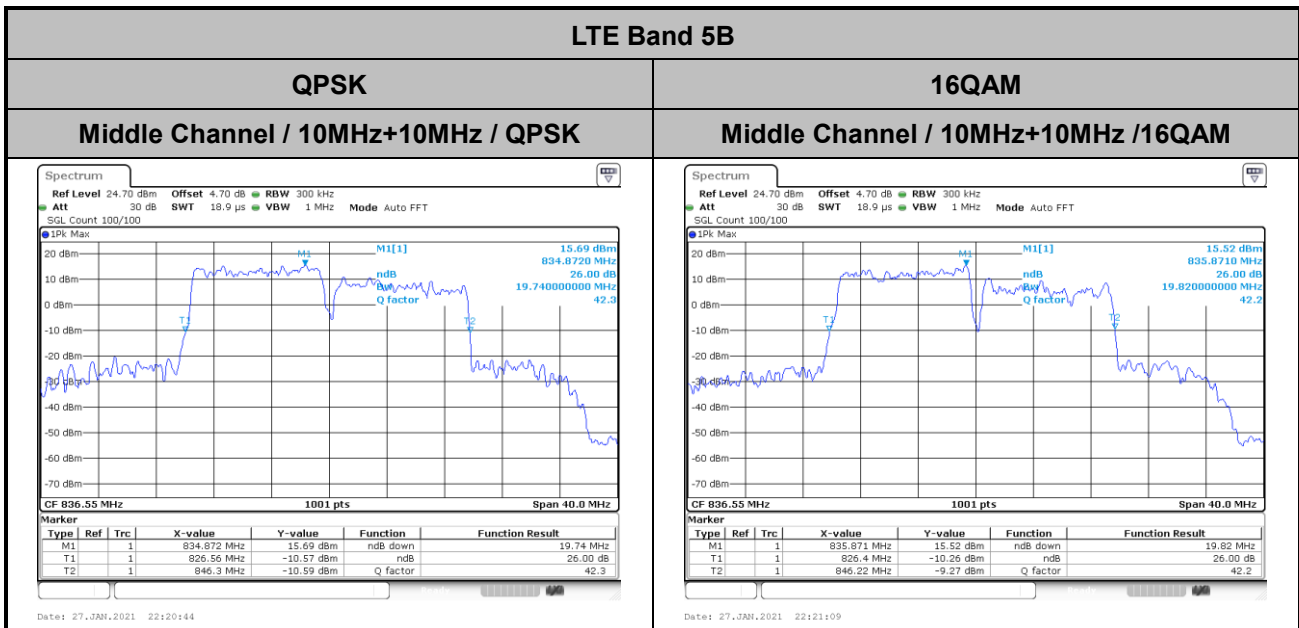
1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5B

26dB Bandwidth

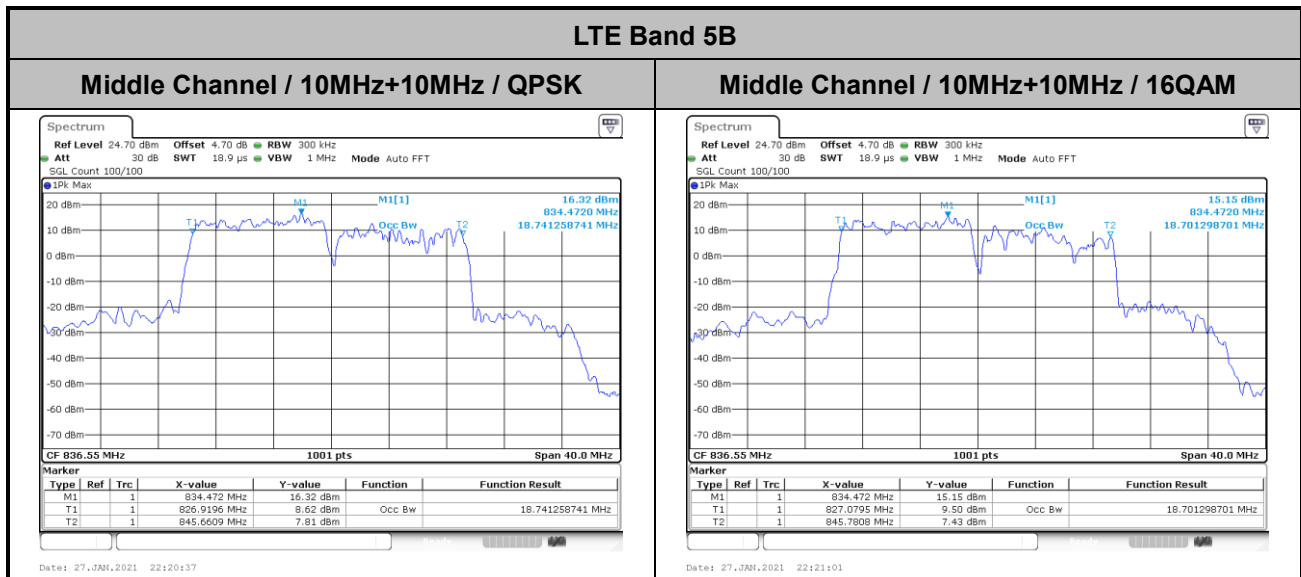
| | | |
|-----------|----------------------------|-------|
| Mode | LTE Band 5B : 26dB BW(MHz) | |
| Mod. | QPSK | 16QAM |
| BW | 10MHz+10MHz | |
| Middle CH | 19.74 | 19.82 |





Occupied Bandwidth

| | | |
|-----------|---------------------------|-------|
| Mode | LTE Band 5B : 99%OBW(MHz) | |
| Mod. | QPSK | 16QAM |
| BW | 10MHz+10MHz | |
| Middle CH | 18.74 | 18.70 |





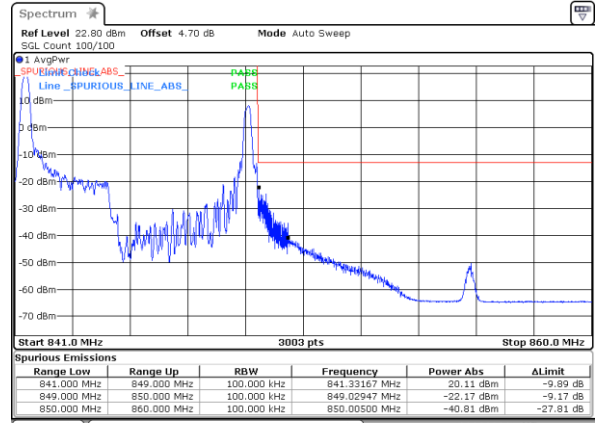
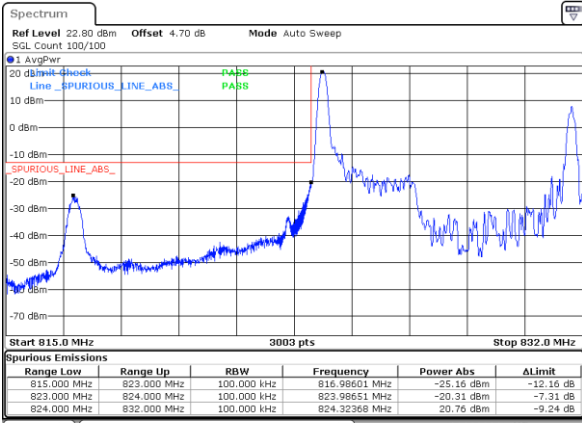
Conducted Band Edge

LTE Band 5B / 3MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

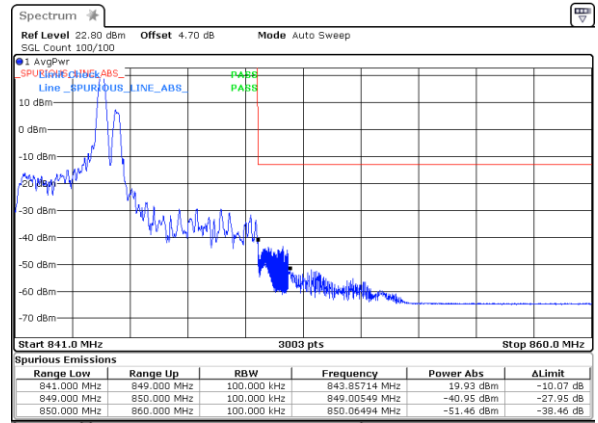
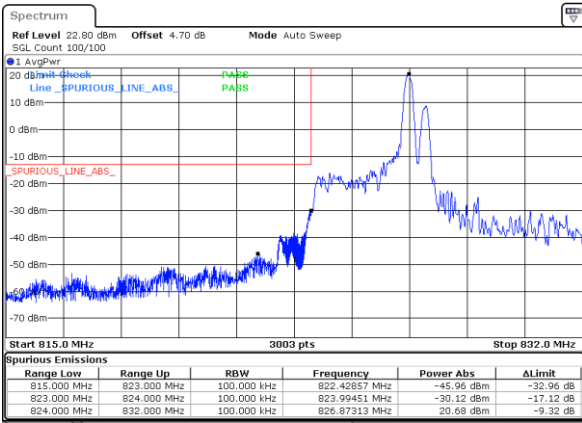


Date: 27. JAN. 2021 20:55:01

Date: 27. JAN. 2021 21:47:55

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

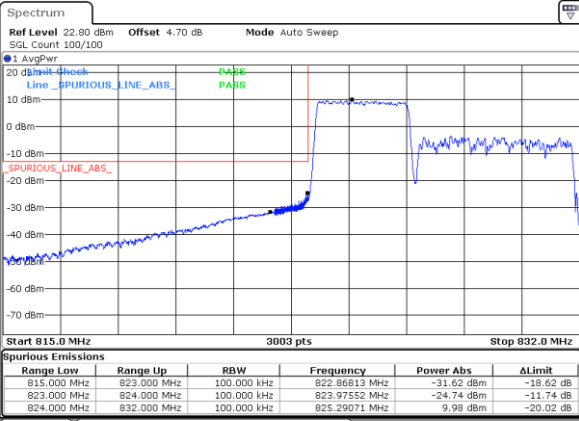


Date: 27. JAN. 2021 20:55:52

Date: 27. JAN. 2021 21:49:59

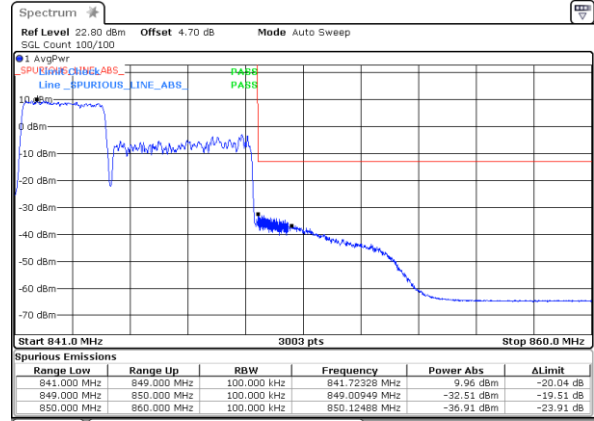


Lowest Band Edge / Full RB



Date: 27_JAN_2021 20:52:15

Highest Band Edge / Full RB



Date: 27_JAN_2021 21:45:58

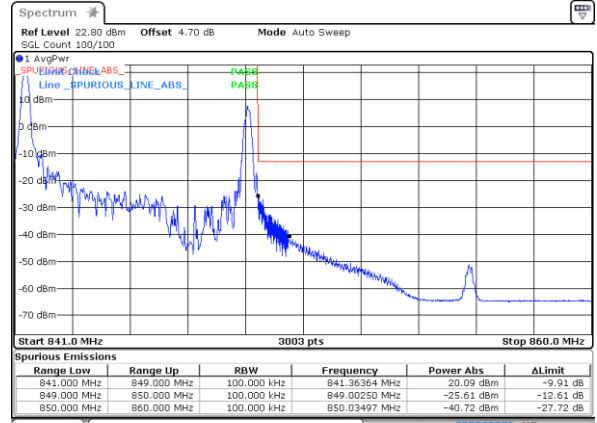
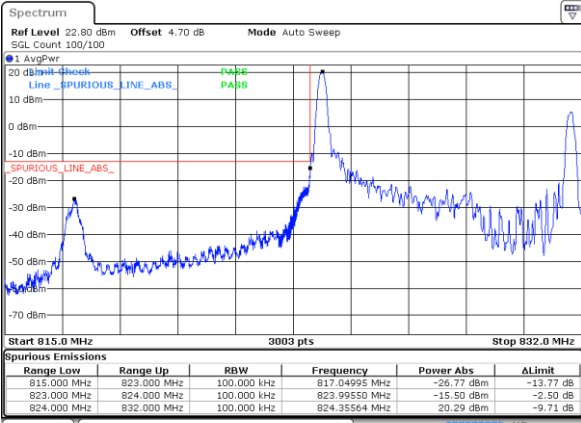


LTE Band 5B / 5MHz+3MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

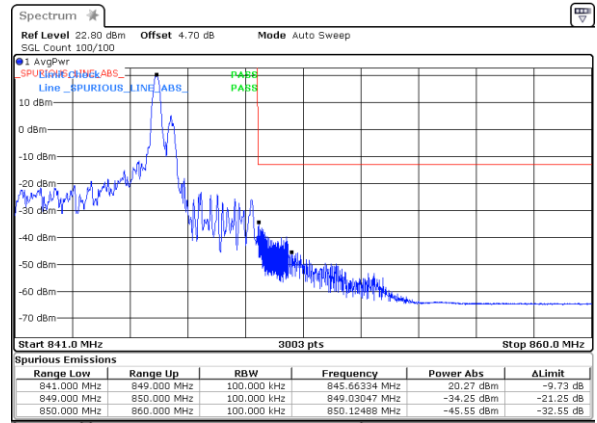
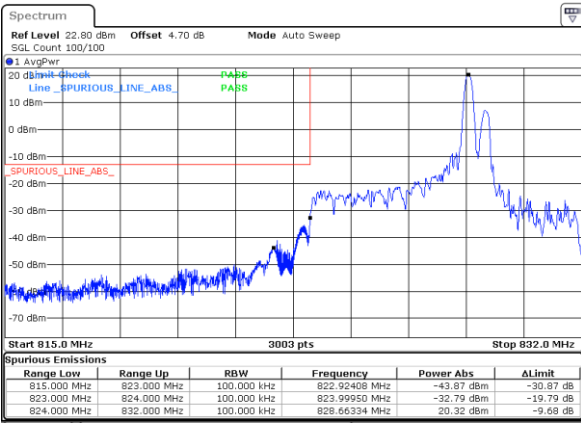


Date: 30 JAN 2021 20:40:49

Date: 30 JAN 2021 20:55:30

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

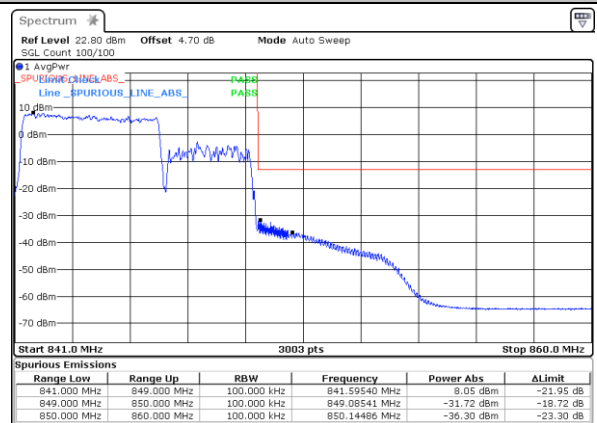
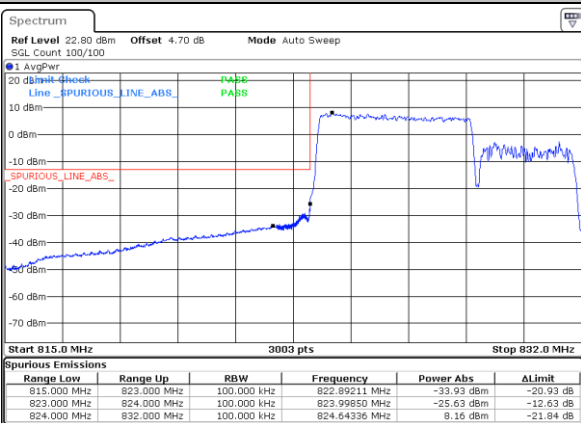


Date: 30 JAN 2021 20:43:34

Date: 30 JAN 2021 20:56:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30 JAN 2021 20:38:52

Date: 30 JAN 2021 20:59:27

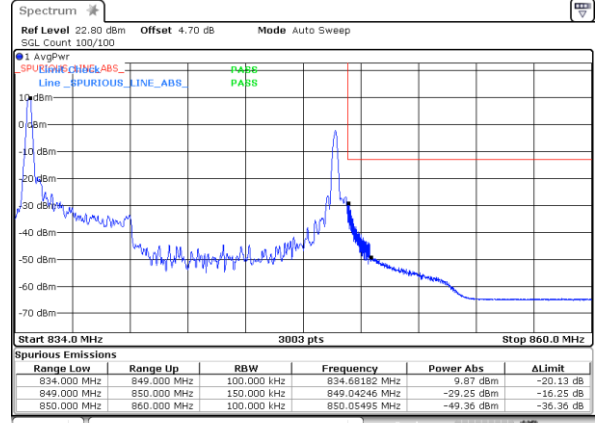
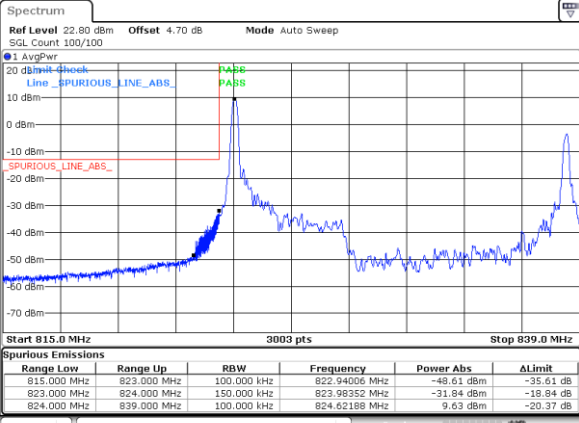


LTE Band 5B / 5MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

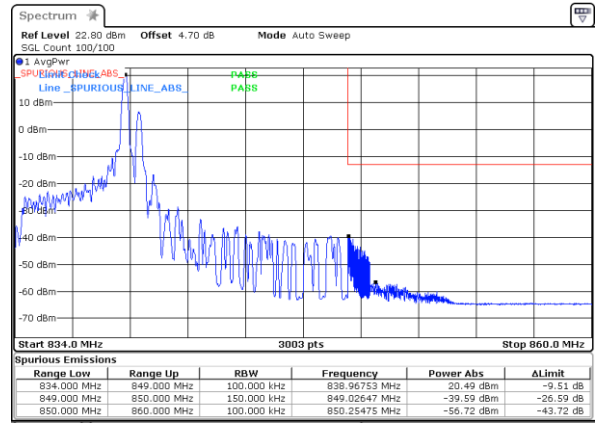
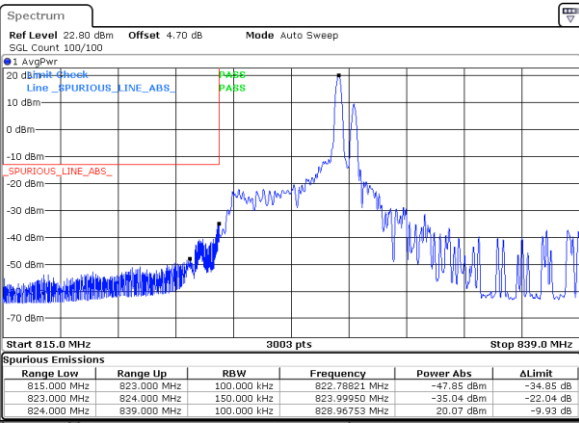


Date: 27_JAN_2021 21:22:41

Date: 27_JAN_2021 21:39:43

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

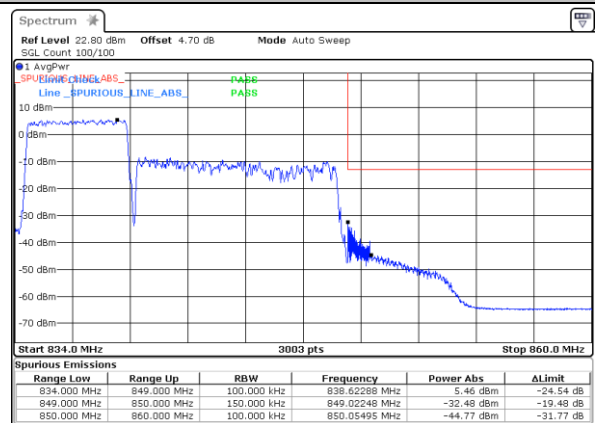
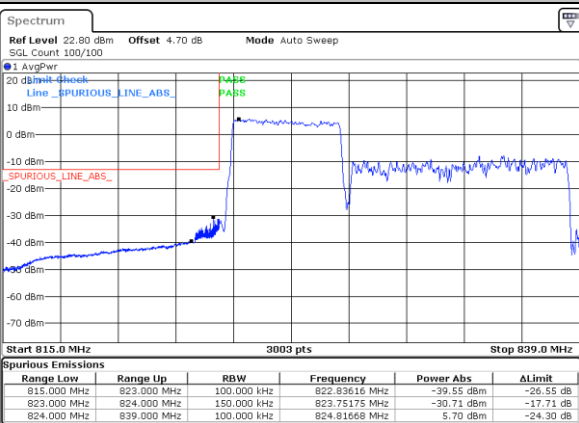


Date: 27_JAN_2021 21:24:24

Date: 27_JAN_2021 21:41:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27_JAN_2021 21:20:59

Date: 27_JAN_2021 21:37:55

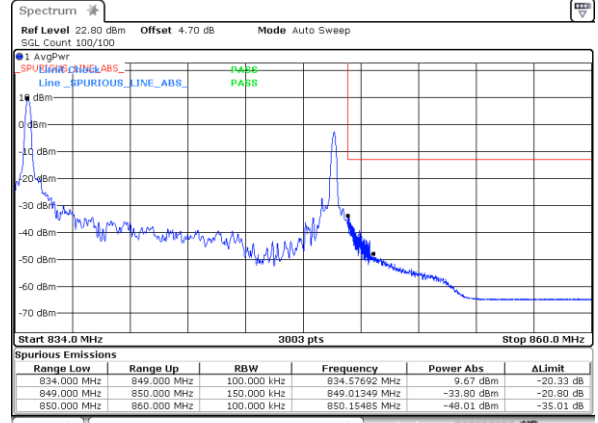
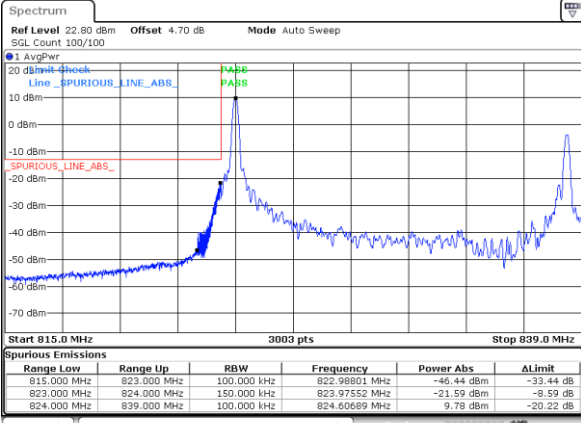


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

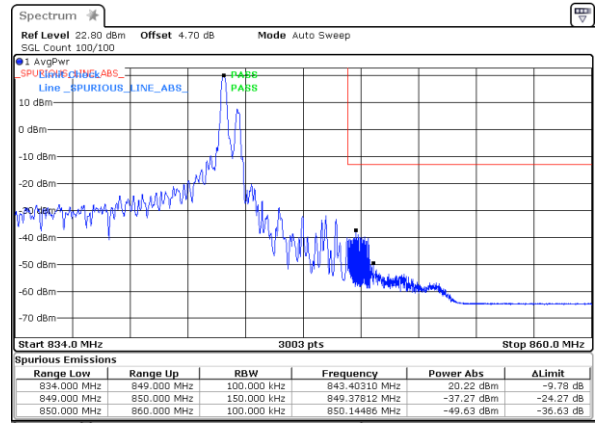
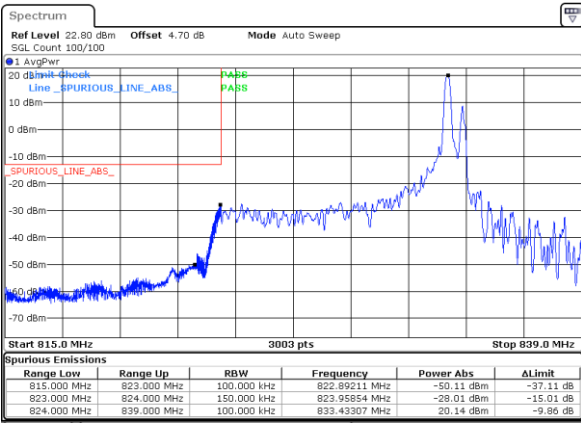


Date: 27_JAN.2021 21:54:51

Date: 27_JAN.2021 22:09:02

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

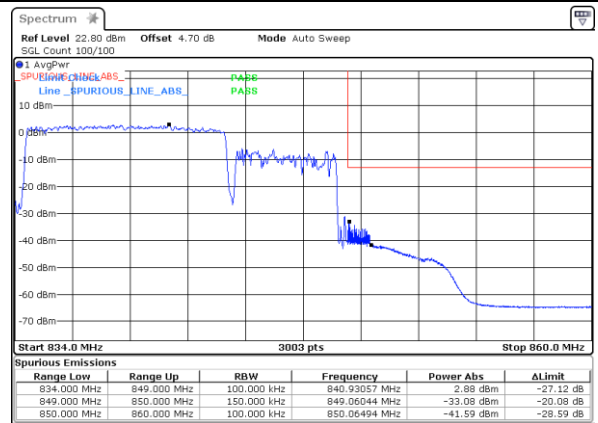
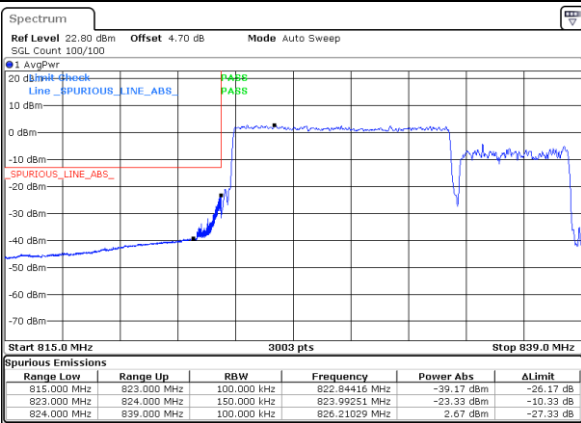


Date: 27_JAN.2021 21:56:20

Date: 27_JAN.2021 21:55:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27_JAN.2021 21:52:42

Date: 27_JAN.2021 22:12:11

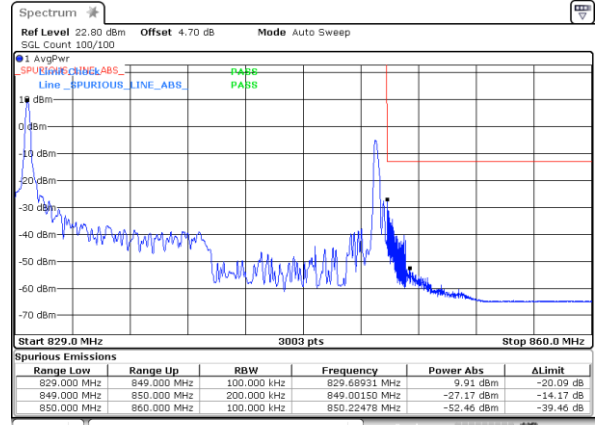
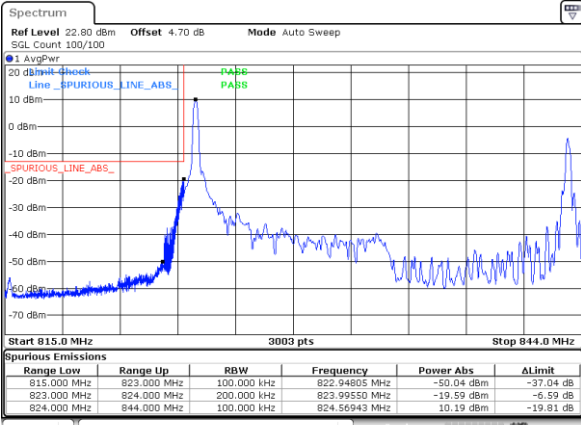


LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

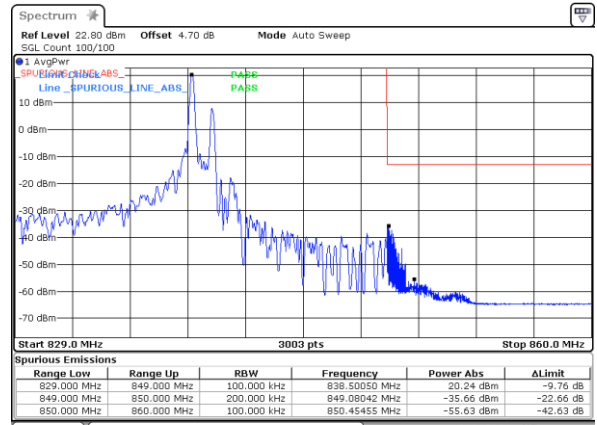
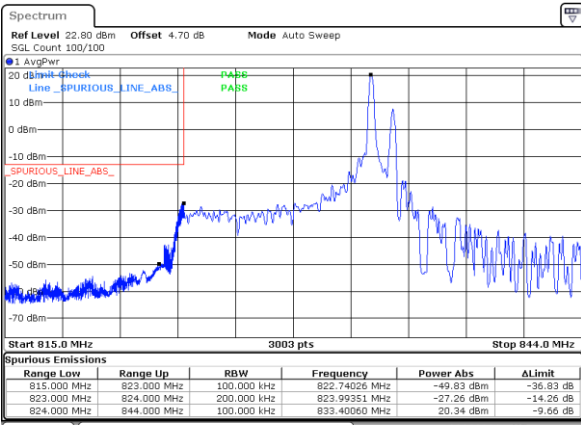


Date: 27_JAN.2021 22:15:04

Date: 27_JAN.2021 22:25:20

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

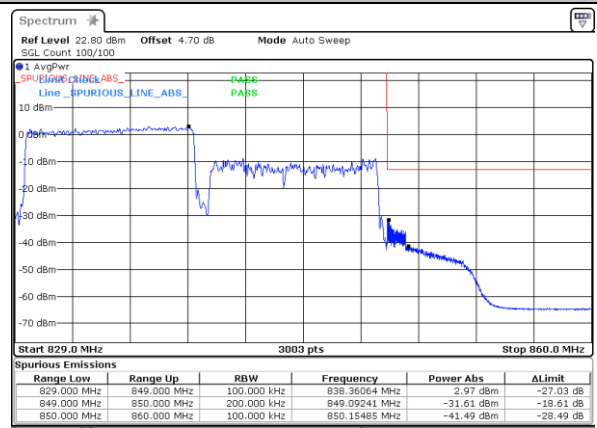
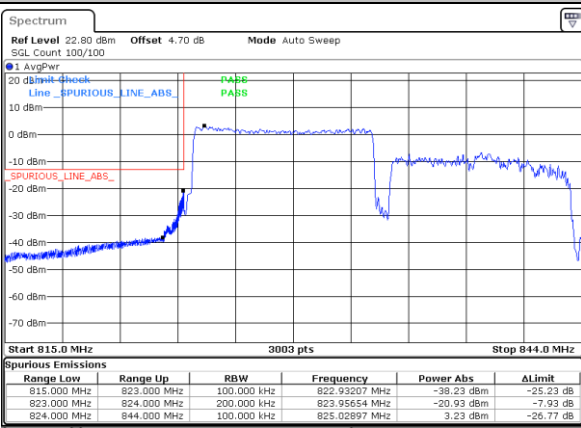


Date: 27_JAN.2021 22:17:25

Date: 27_JAN.2021 22:27:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27_JAN.2021 22:13:31

Date: 27_JAN.2021 22:22:26

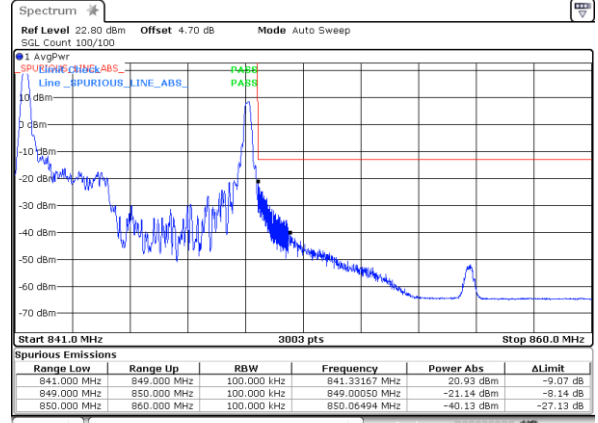
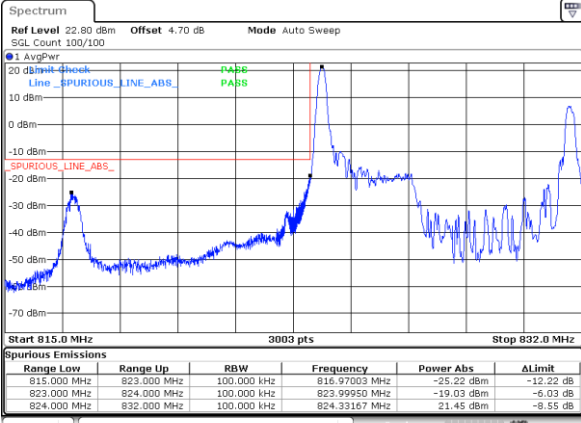


LTE Band 5B / 3MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

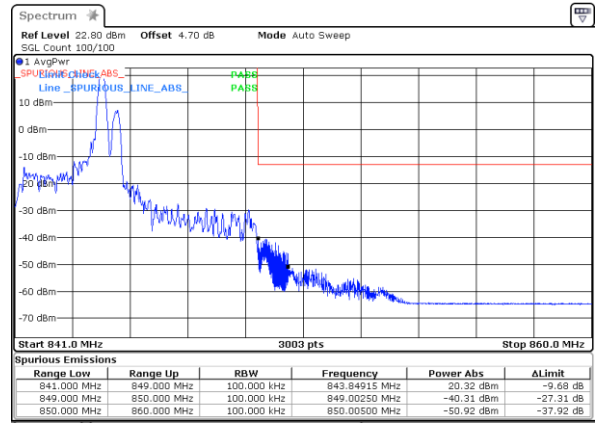
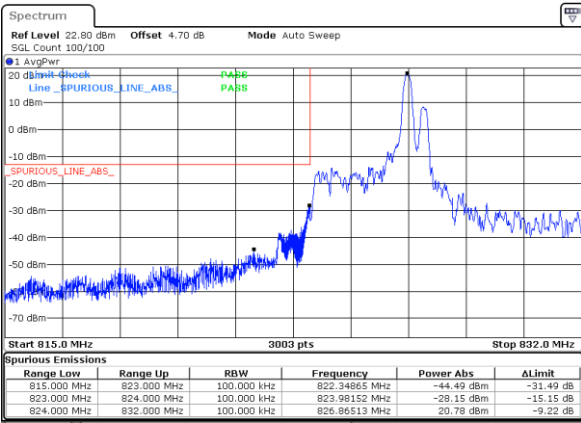


Date: 27_JAN_2021 20:53:54

Date: 27_JAN_2021 21:48:51

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

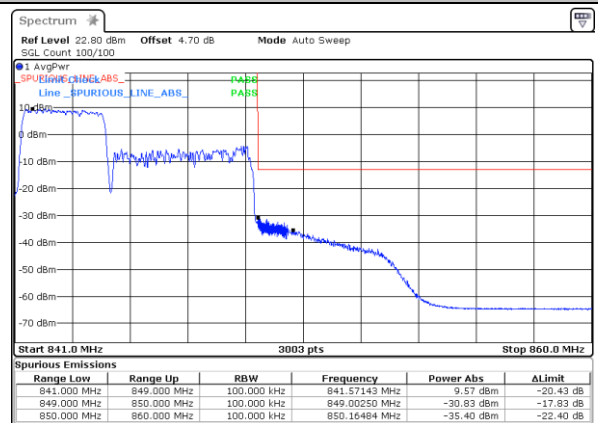
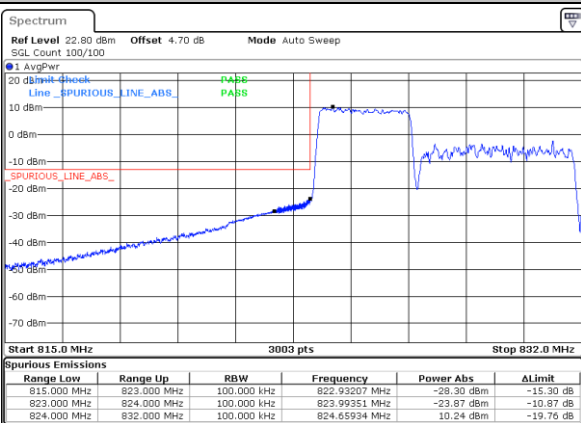


Date: 27_JAN_2021 20:56:35

Date: 27_JAN_2021 21:50:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27_JAN_2021 20:53:01

Date: 27_JAN_2021 21:46:47

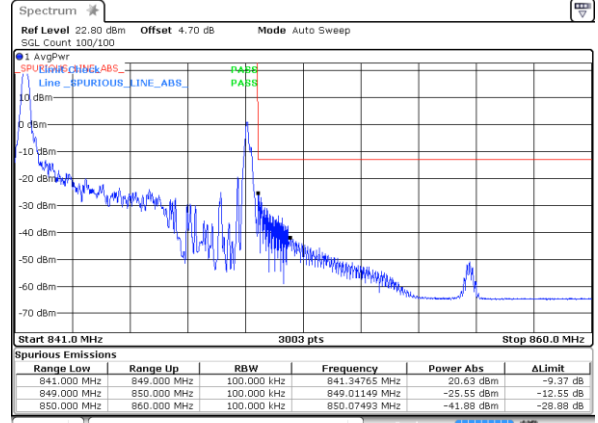
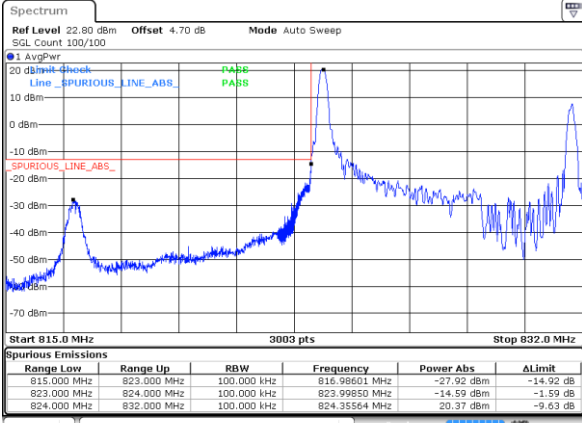


LTE Band 5B / 5MHz+3MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

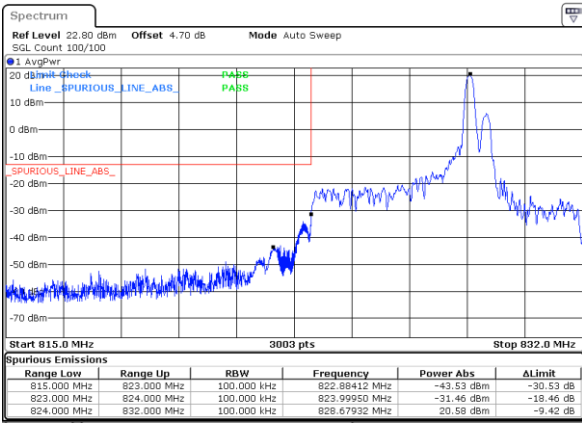


Date: 30 JAN 2021 20:41:31

Date: 30 JAN 2021 20:54:26

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

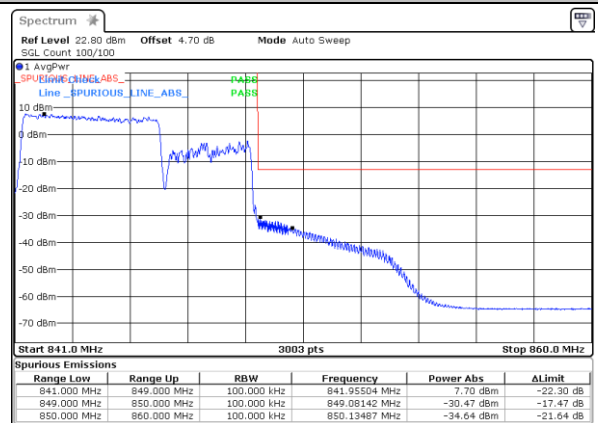
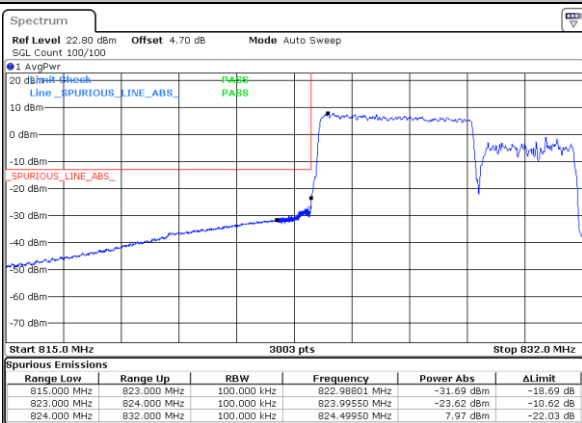


Date: 30 JAN 2021 20:42:28

Date: 30 JAN 2021 20:58:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30 JAN 2021 20:39:32

Date: 30 JAN 2021 21:00:30

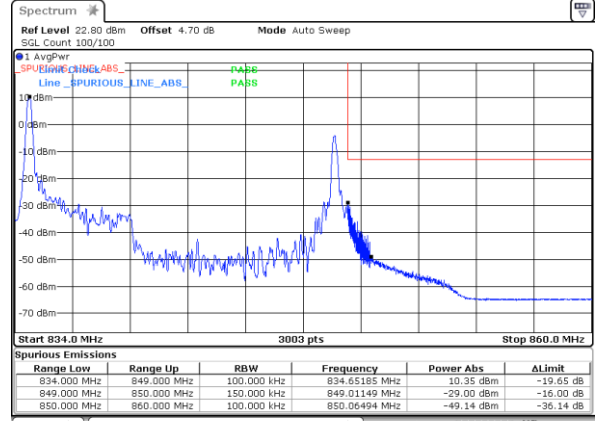
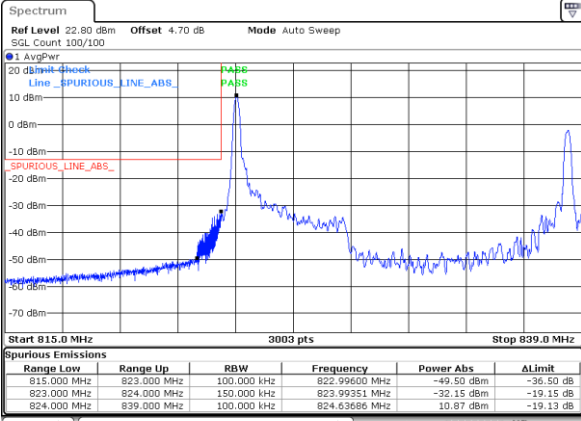


LTE Band 5B / 5MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

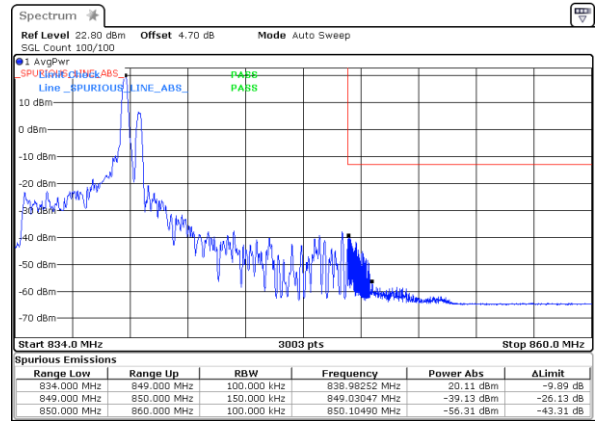
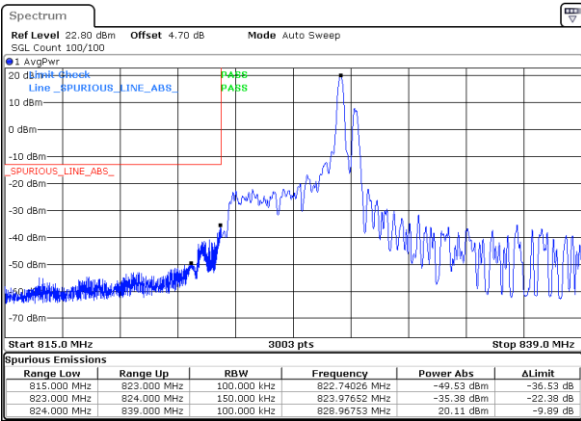


Date: 27_JAN_2021 21:23:22

Date: 27_JAN_2021 21:40:31

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

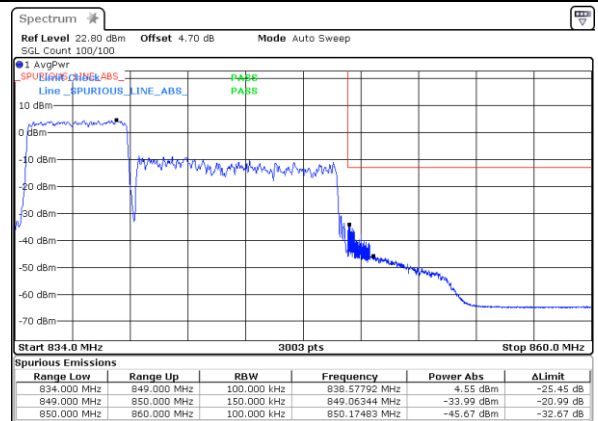
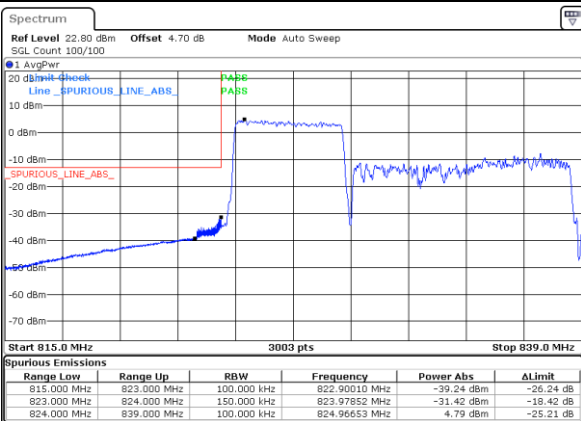


Date: 27_JAN_2021 21:25:40

Date: 27_JAN_2021 21:43:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27_JAN_2021 21:21:45

Date: 27_JAN_2021 21:38:42