

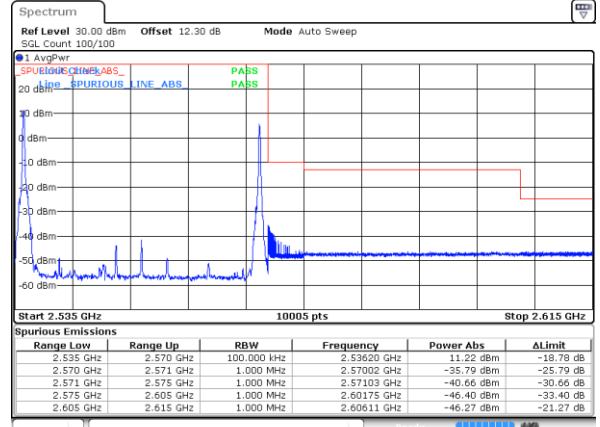
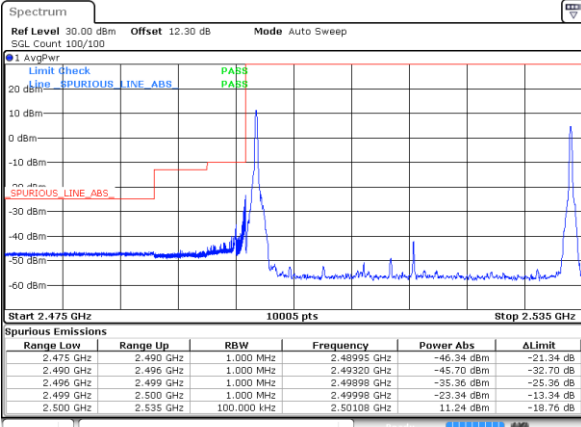


LTE Band 7C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

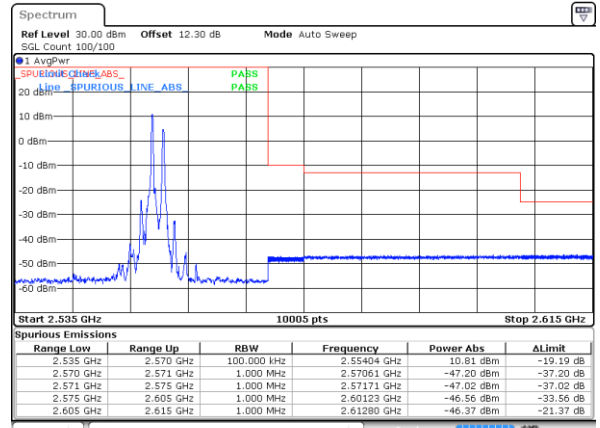
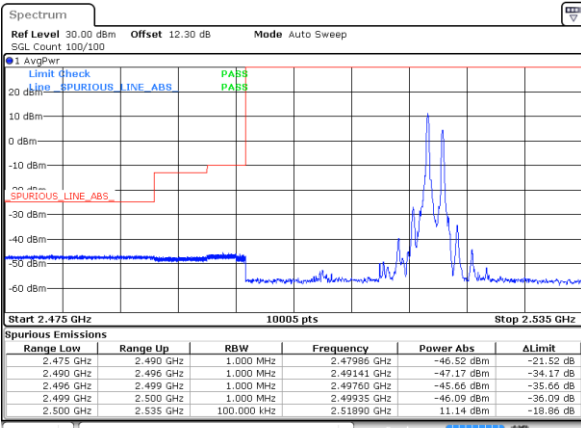


Date: 11 DEC 2020 23:52:21

Date: 12 DEC 2020 00:08:41

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

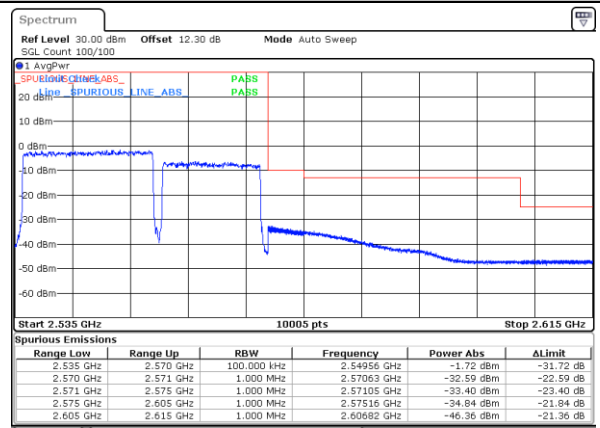
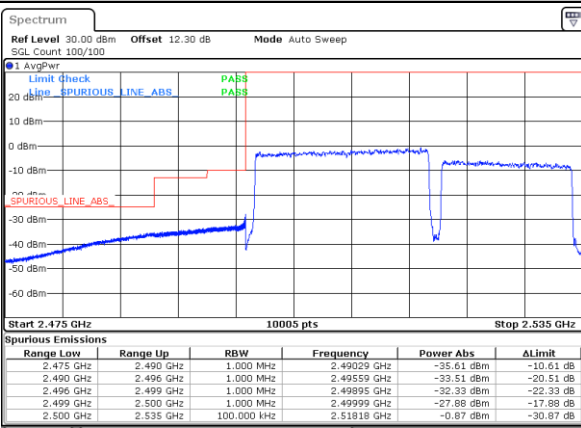


Date: 11 DEC 2020 23:54:18

Date: 12 DEC 2020 00:10:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11 DEC 2020 23:50:23

Date: 12 DEC 2020 00:06:44

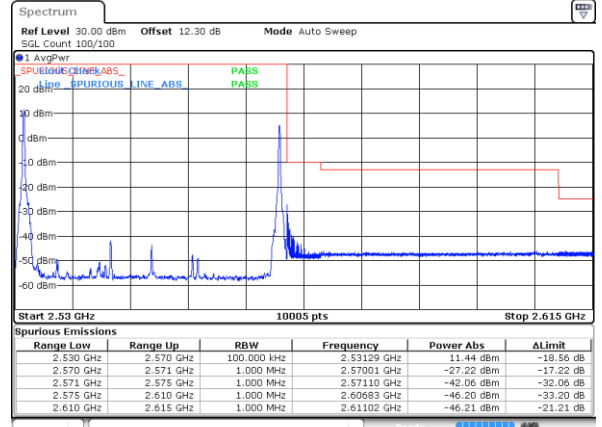
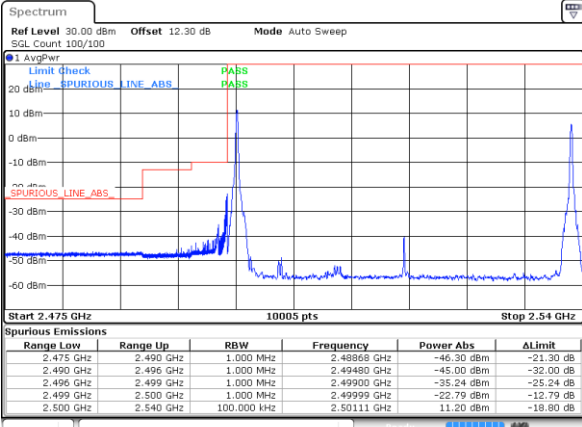


LTE Band 7C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

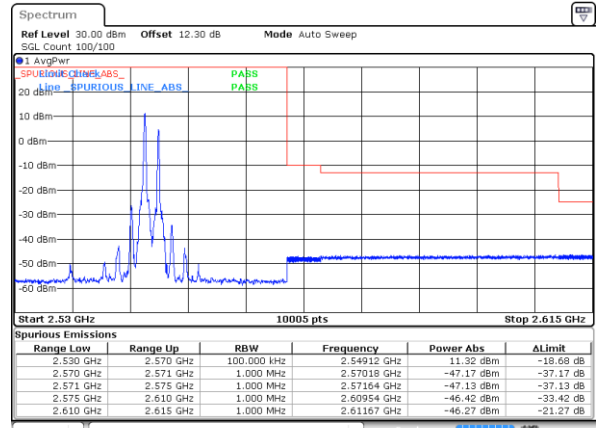
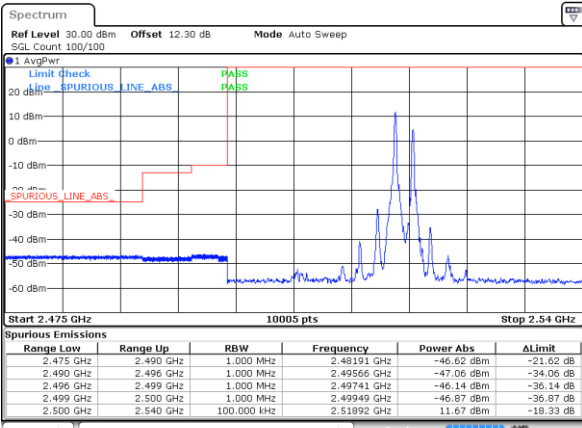


Date: 11 DEC 2020 22:46:01

Date: 11 DEC 2020 22:29:26

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

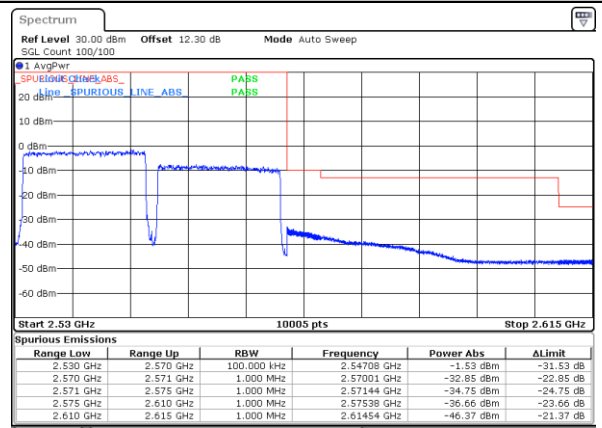
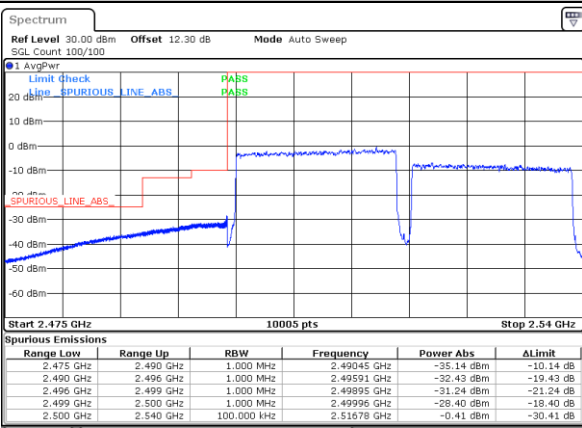


Date: 11 DEC 2020 22:47:58

Date: 11 DEC 2020 22:31:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11 DEC 2020 22:44:03

Date: 11 DEC 2020 22:27:29

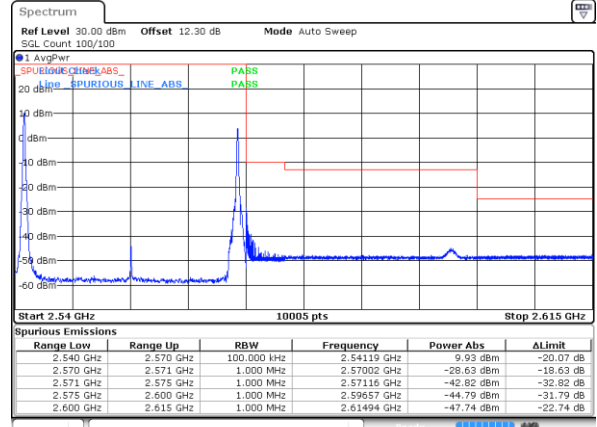
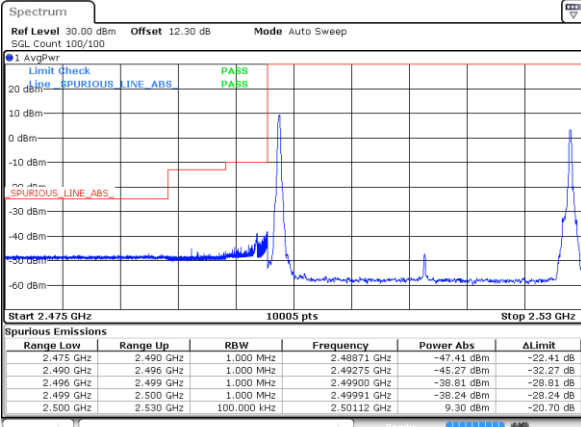


LTE Band 7C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

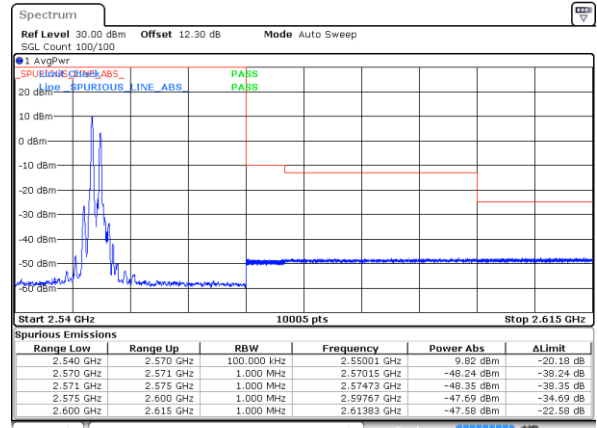
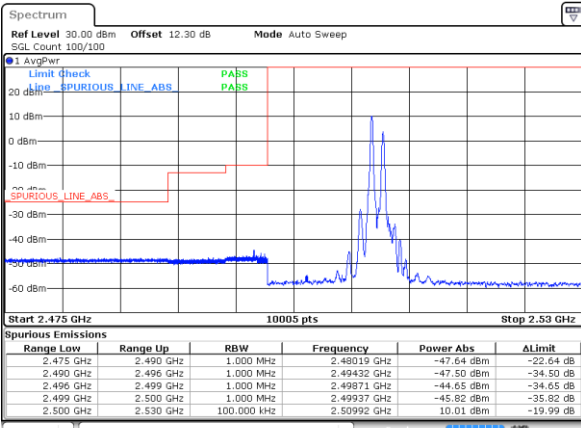


Date: 12 DEC 2020 09:53:08

Date: 12 DEC 2020 10:10:12

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

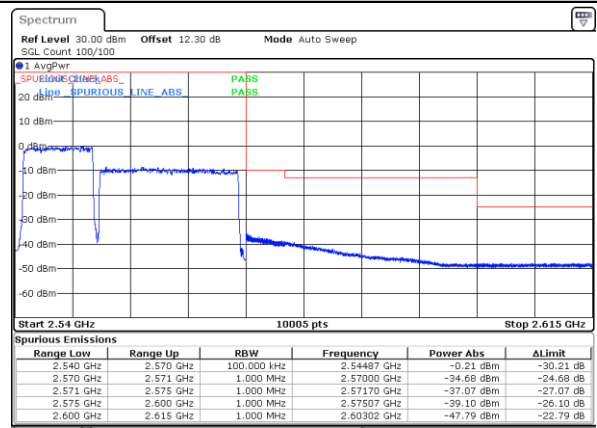
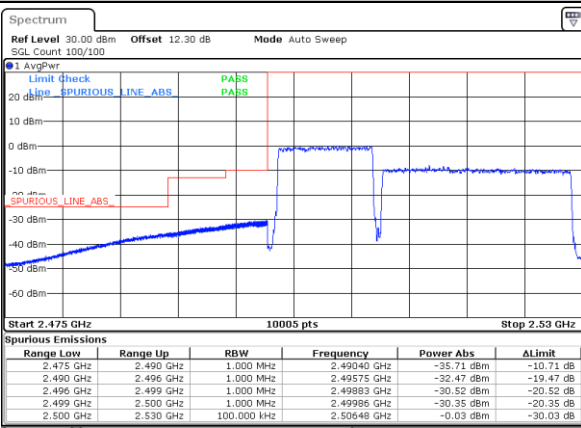


Date: 12 DEC 2020 09:56:24

Date: 12 DEC 2020 10:10:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12 DEC 2020 09:52:29

Date: 12 DEC 2020 10:06:57

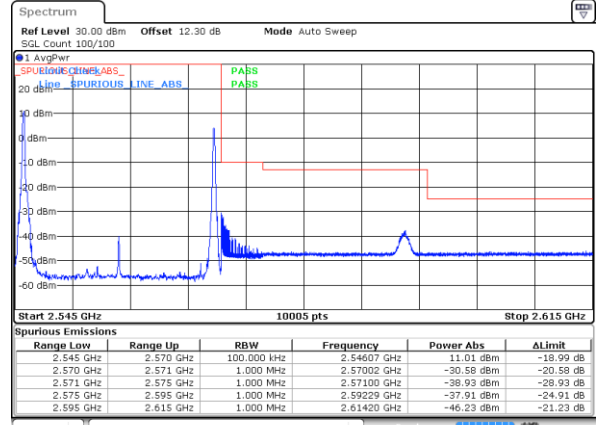
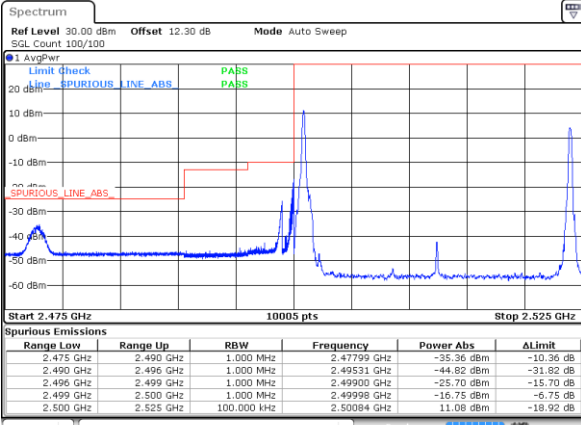


LTE Band 7C / 15MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

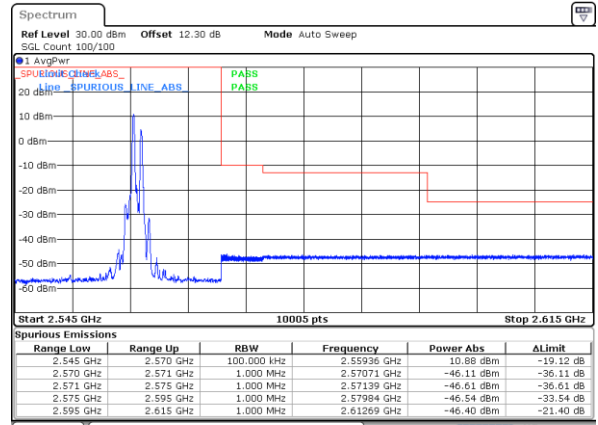
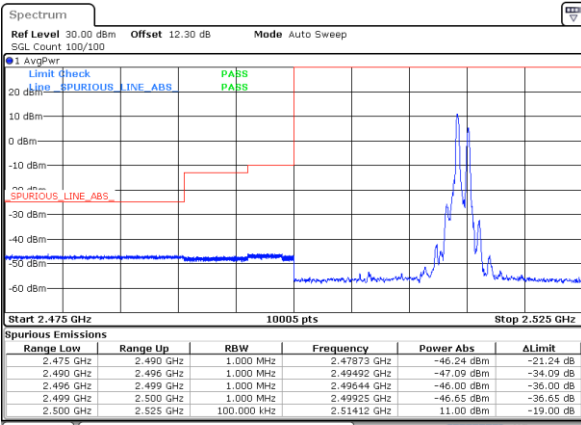


Date: 11 DEC 2020 22:58:22

Date: 11 DEC 2020 23:22:59

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

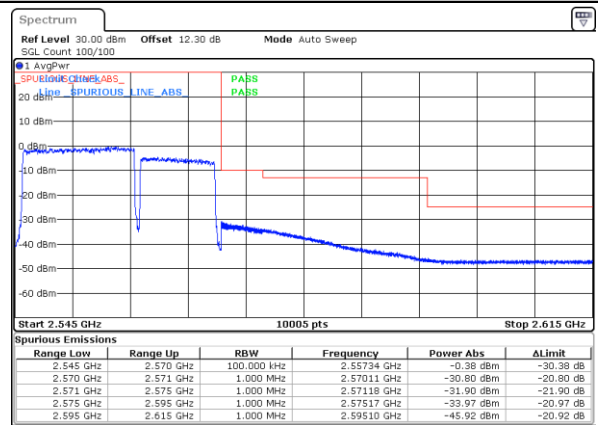
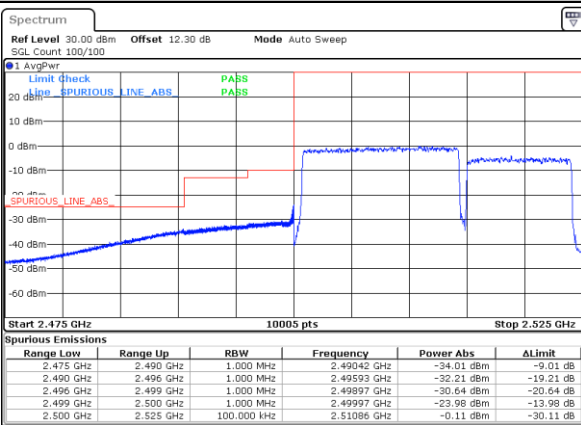


Date: 11 DEC 2020 23:01:38

Date: 11 DEC 2020 23:23:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11 DEC 2020 22:57:42

Date: 11 DEC 2020 23:19:44

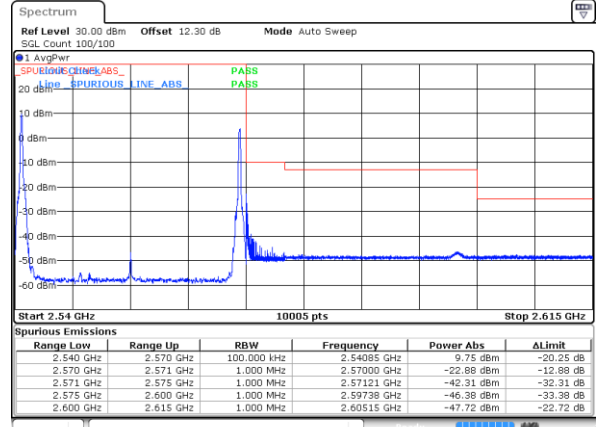
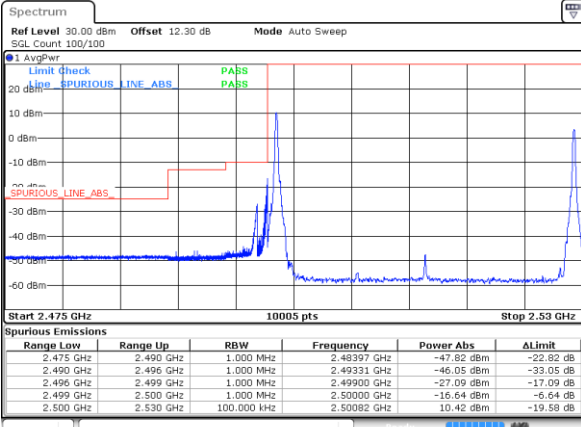


LTE Band 7C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

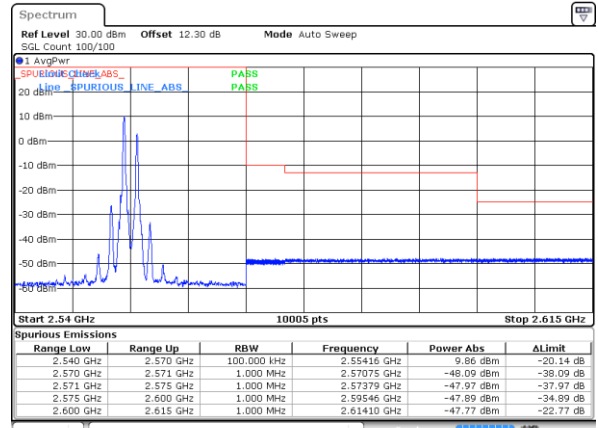
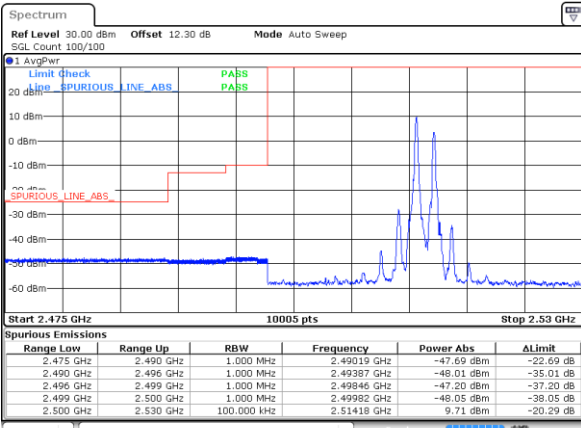


Date: 12 DEC 2020 08:59:35

Date: 12 DEC 2020 09:17:57

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

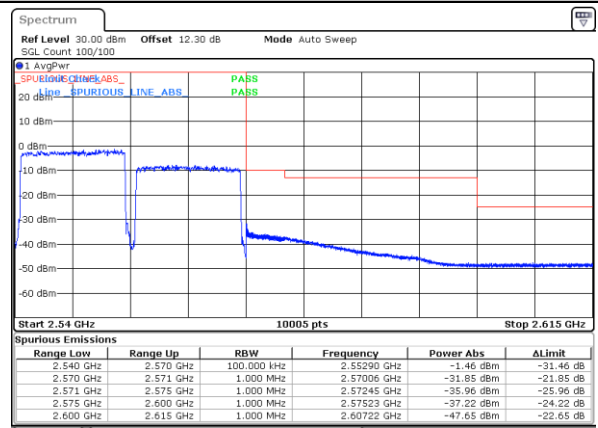
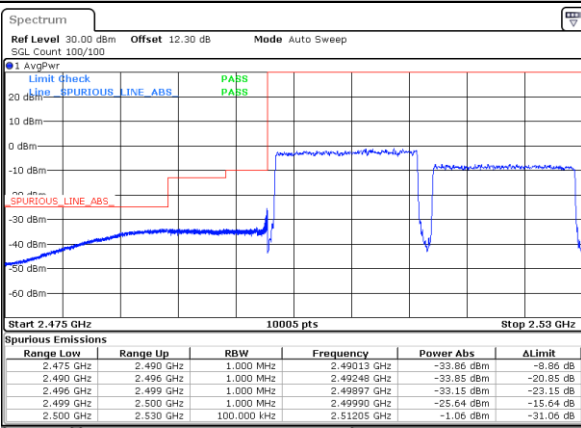


Date: 12 DEC 2020 09:02:51

Date: 12 DEC 2020 09:18:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12 DEC 2020 08:58:56

Date: 12 DEC 2020 09:14:42

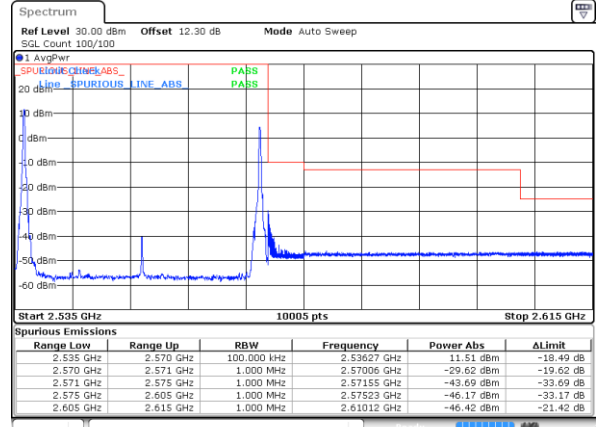
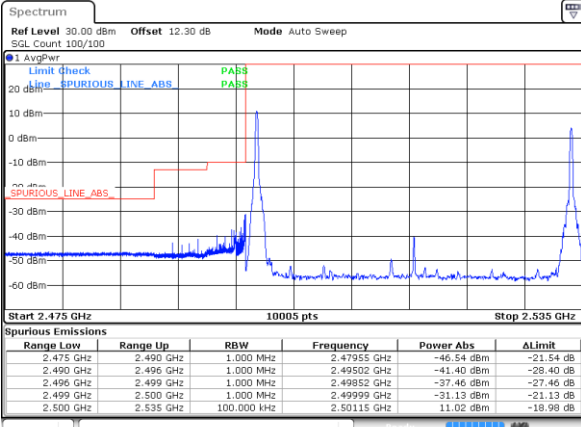


LTE Band 7C / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

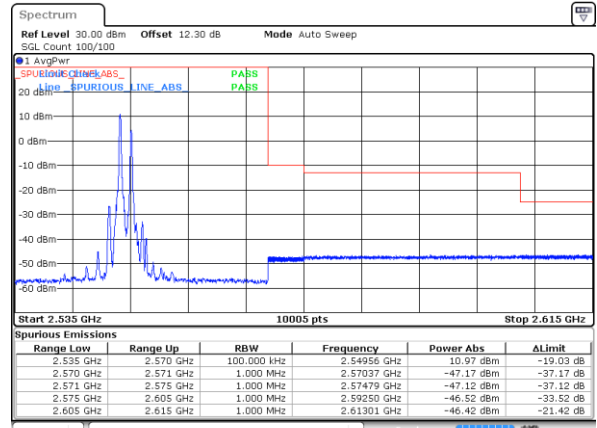
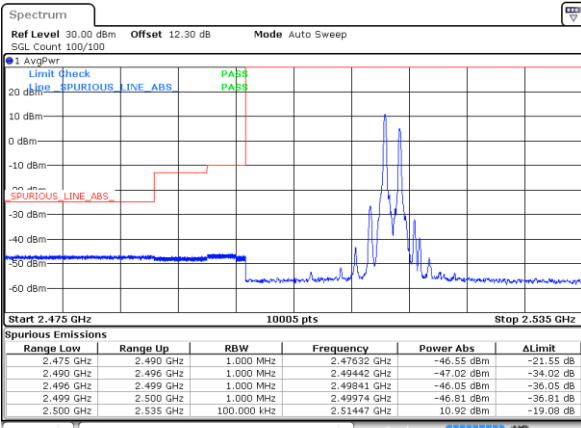


Date: 12 DEC 2020 00:23:23

Date: 12 DEC 2020 00:42:23

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

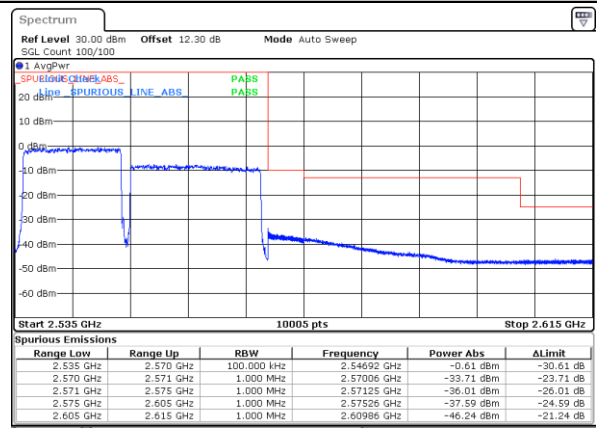
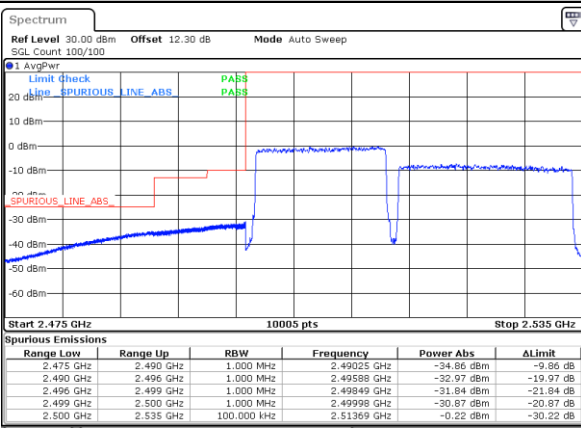


Date: 12 DEC 2020 00:26:39

Date: 12 DEC 2020 00:43:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12 DEC 2020 00:22:44

Date: 12 DEC 2020 00:39:09

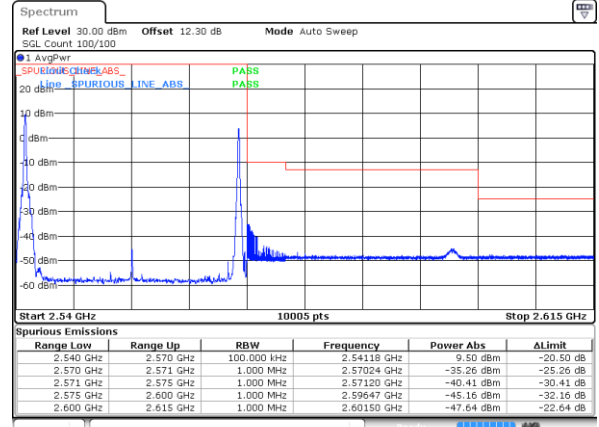
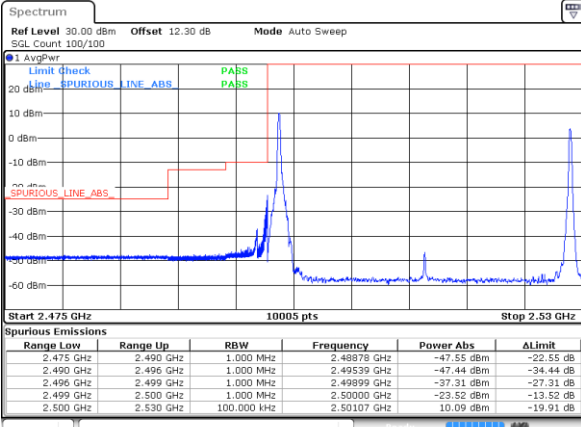


LTE Band 7C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

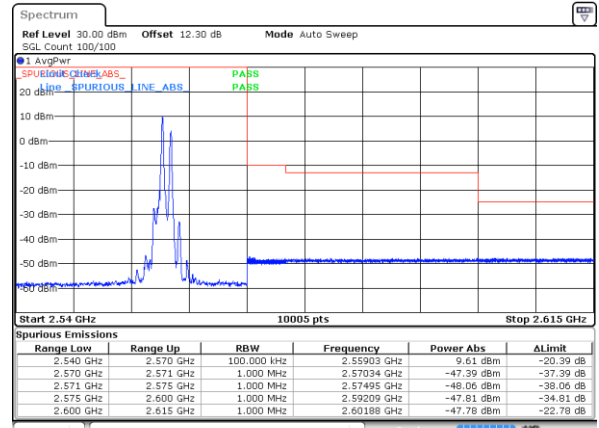
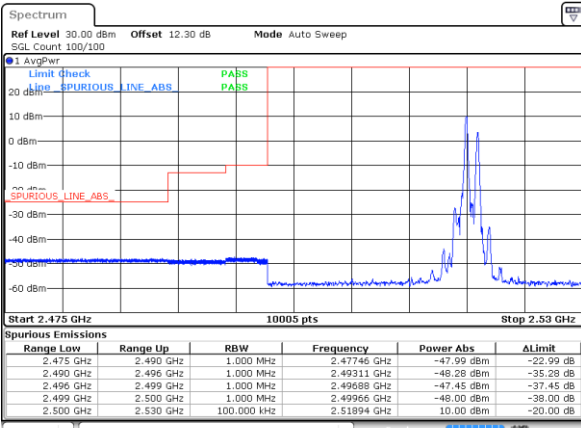


Date: 12 DEC 2020 09:26:31

Date: 12 DEC 2020 09:44:30

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

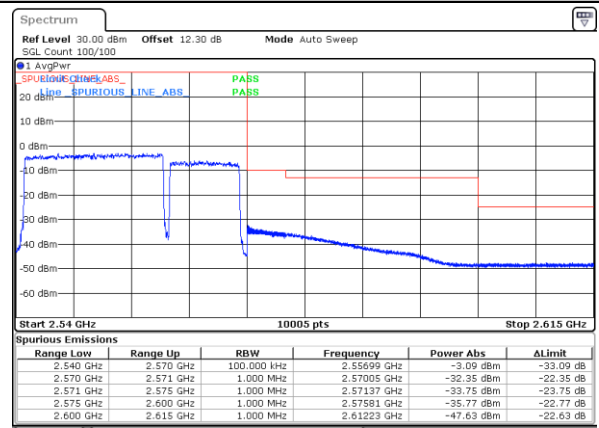
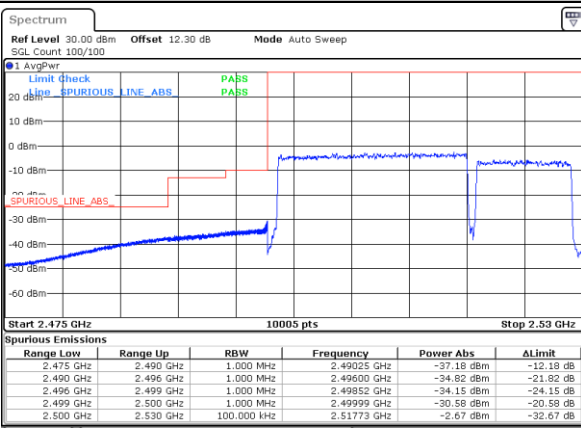


Date: 12 DEC 2020 09:29:48

Date: 12 DEC 2020 09:45:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12 DEC 2020 09:25:52

Date: 12 DEC 2020 09:41:16

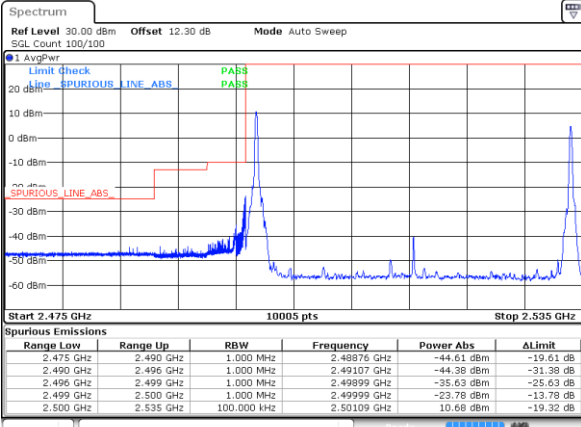


LTE Band 7C / 20MHz+15MHz

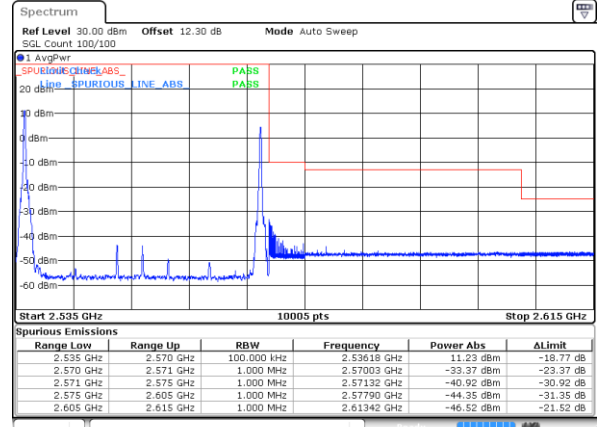
64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74



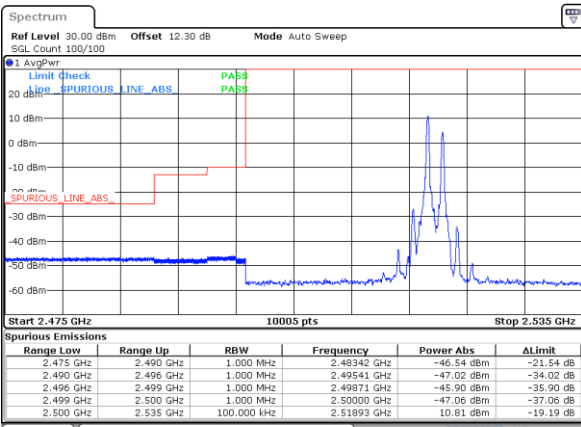
Date: 11 DEC 2020 23:51:42



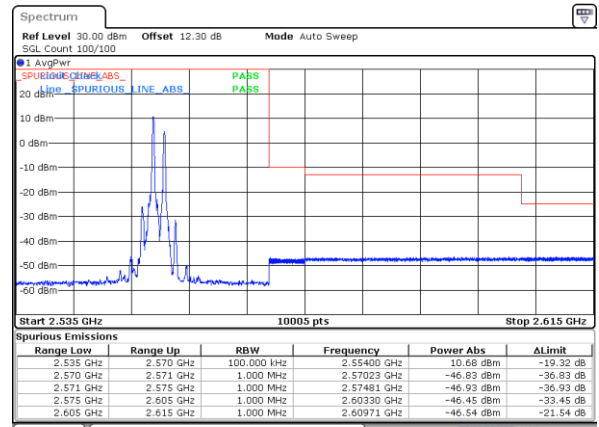
Date: 12 DEC 2020 00:09:20

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0



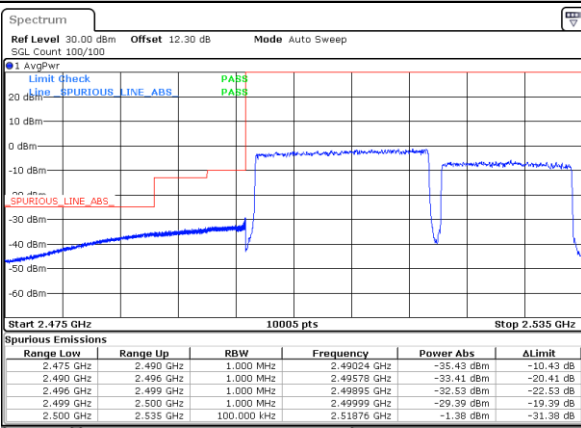
Date: 11 DEC 2020 23:54:58



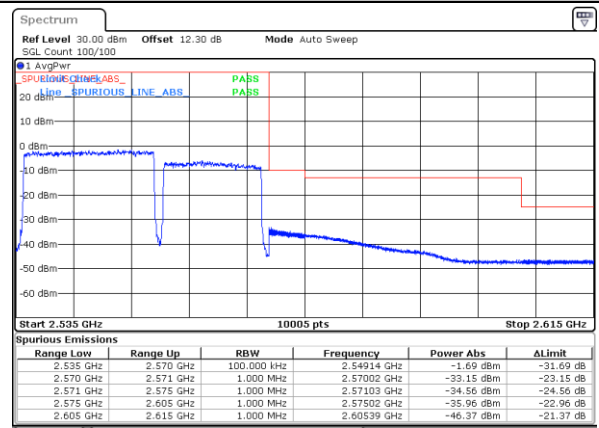
Date: 12 DEC 2020 00:09:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11 DEC 2020 23:51:02



Date: 12 DEC 2020 00:06:06

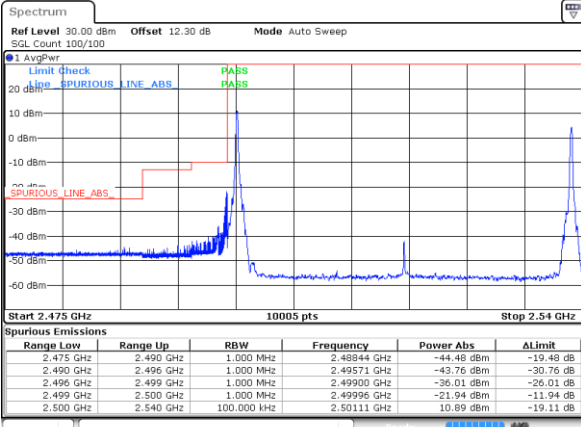




LTE Band 7C / 20MHz+20MHz

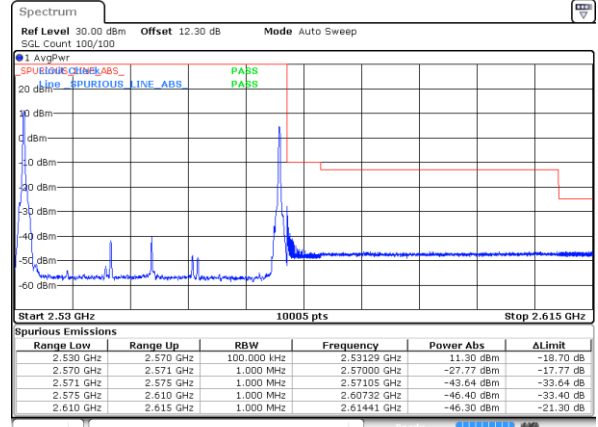
64QAM

Lowest Band Edge / 1RB0 and 1RB99



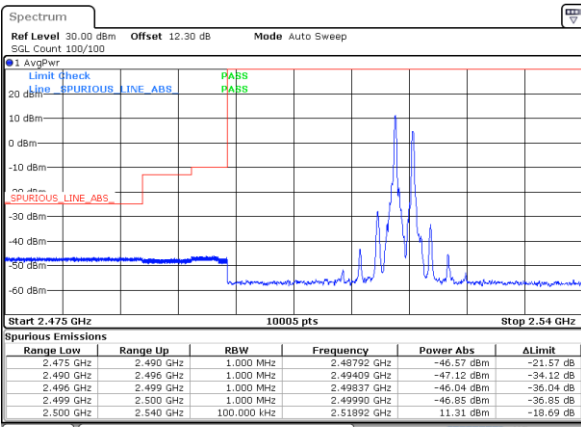
Date: 11 DEC 2020 22:45:21

Highest Band Edge / 1RB0 and 1RB99



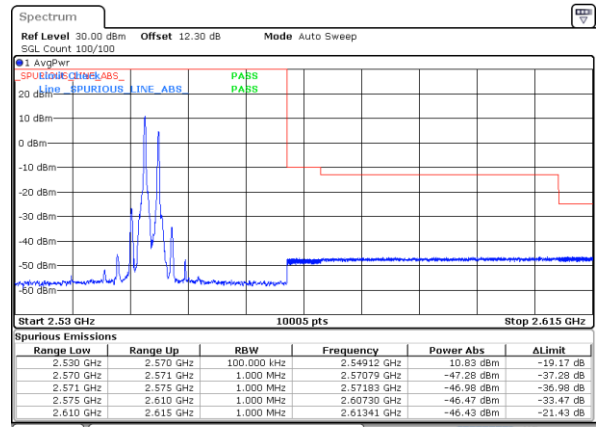
Date: 11 DEC 2020 22:30:05

Lowest Band Edge / 1RB99 and 1RB0



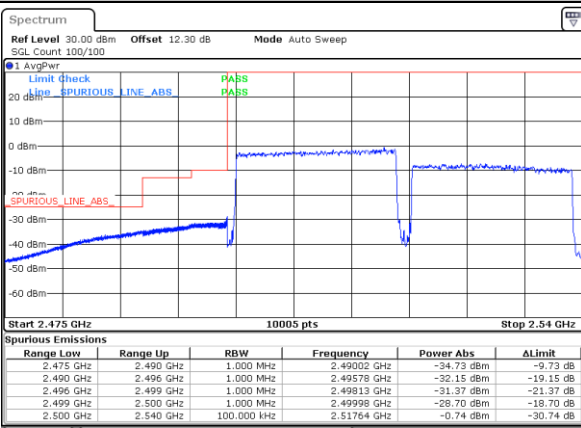
Date: 11 DEC 2020 22:48:37

Highest Band Edge / 1RB99 and 1RB0



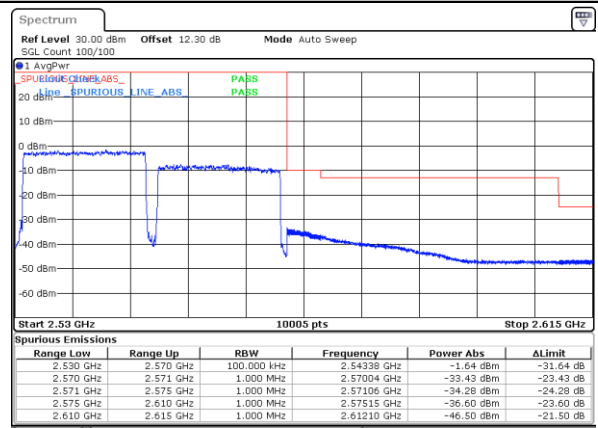
Date: 11 DEC 2020 22:30:43

Lowest Band Edge / Full RB



Date: 11 DEC 2020 22:44:42

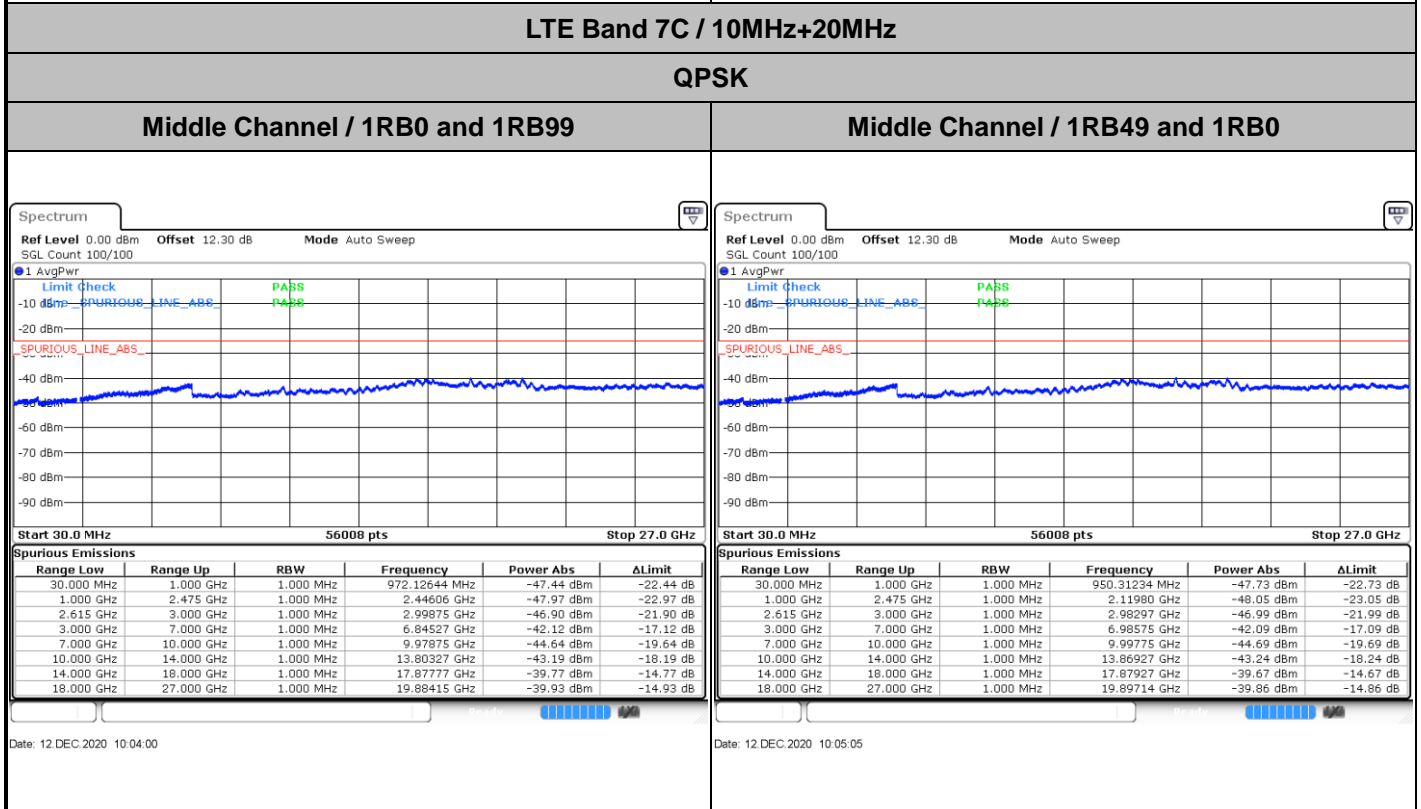
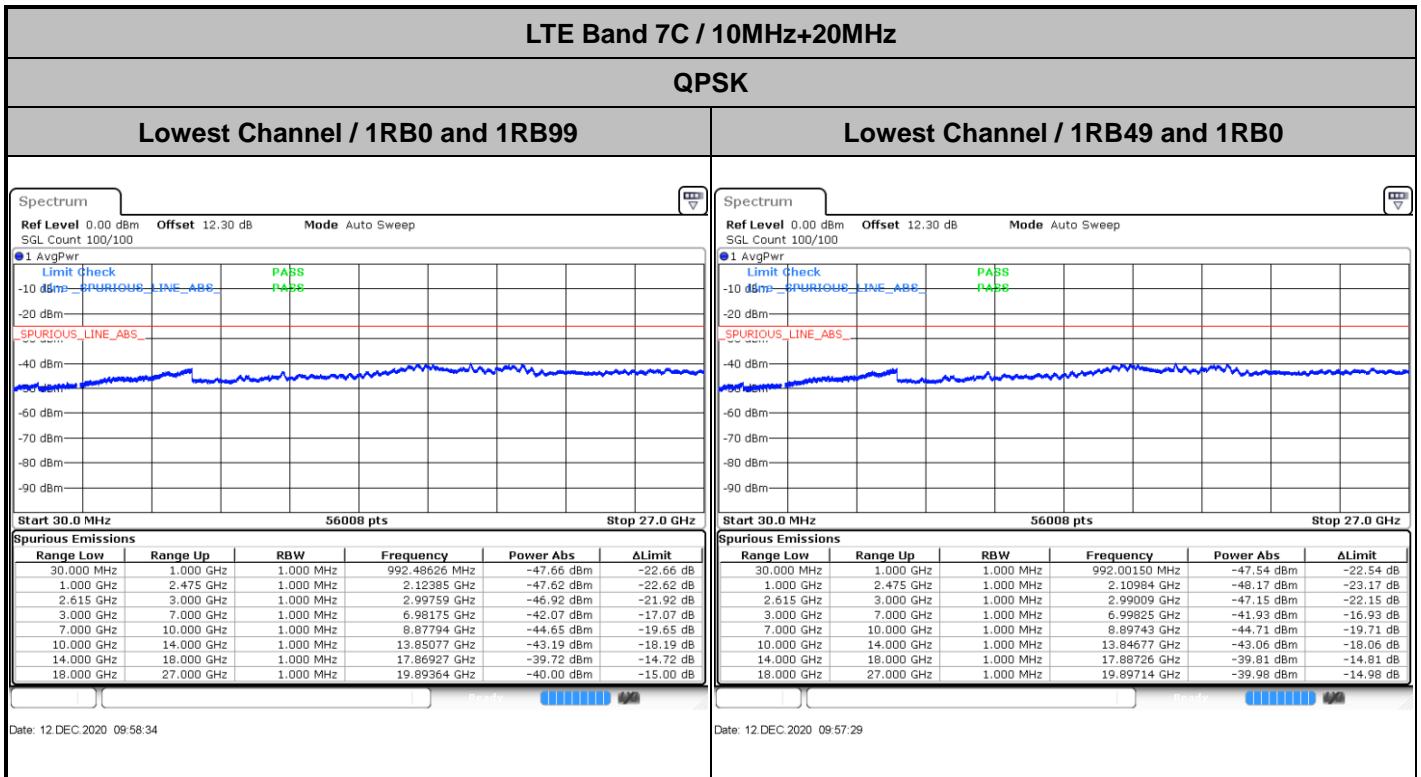
Highest Band Edge / Full RB



Date: 11 DEC 2020 22:26:51



Conducted Spurious Emission



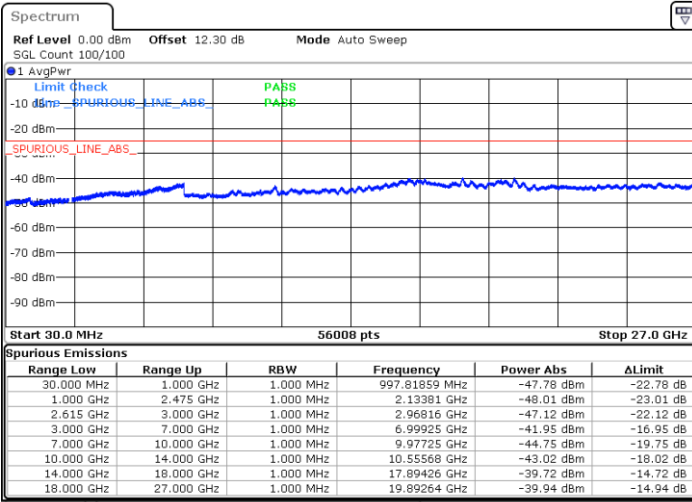


LTE Band 7C / 10MHz+20MHz

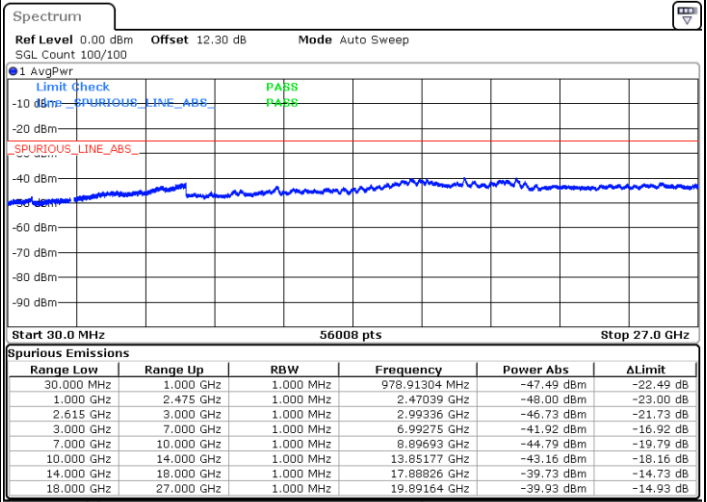
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Date: 12 DEC 2020 10:14:18



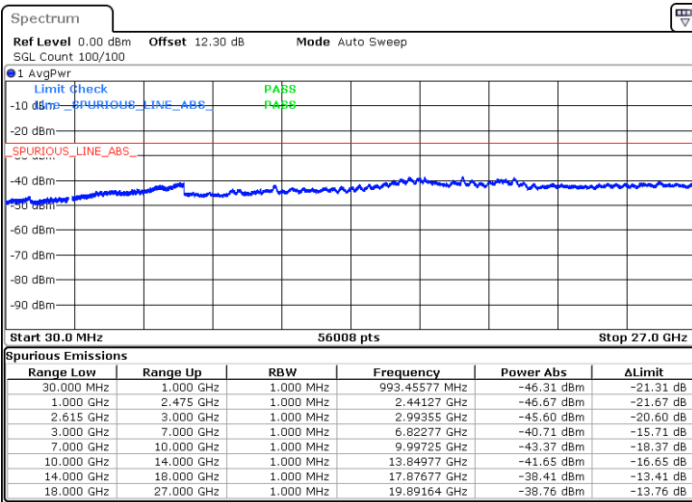
Date: 12 DEC 2020 10:13:13

LTE Band 7C / 15MHz+10MHz

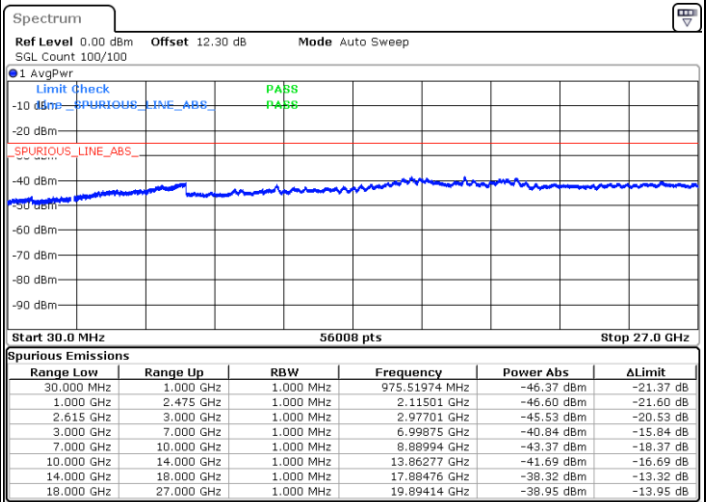
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB0



Date: 11 DEC 2020 23:17:19



Date: 11 DEC 2020 23:16:13

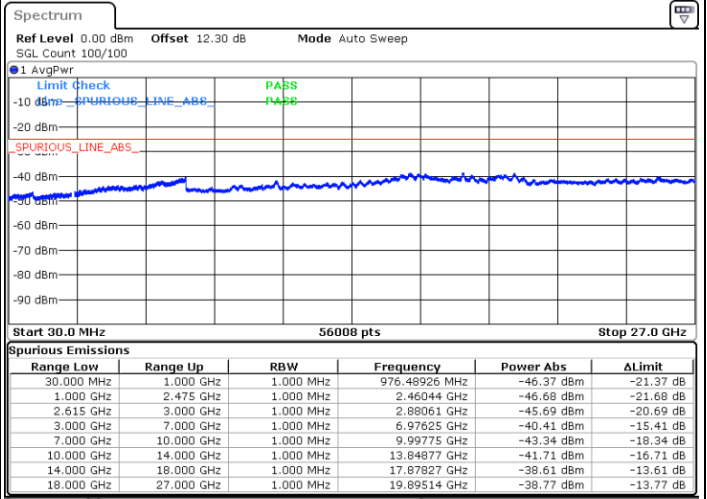
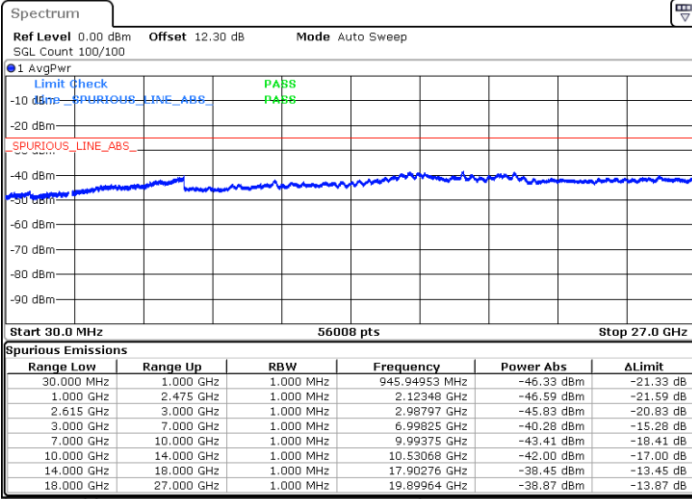


LTE Band 7C / 15MHz+10MHz

QPSK

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0



Date: 11.DEC.2020 23:12:13

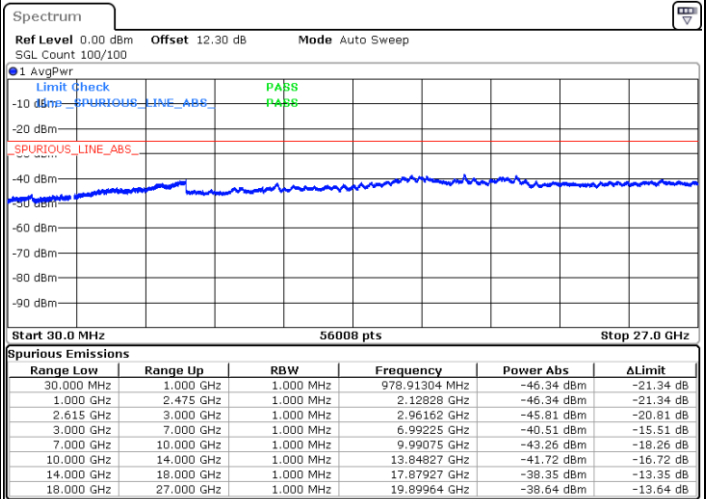
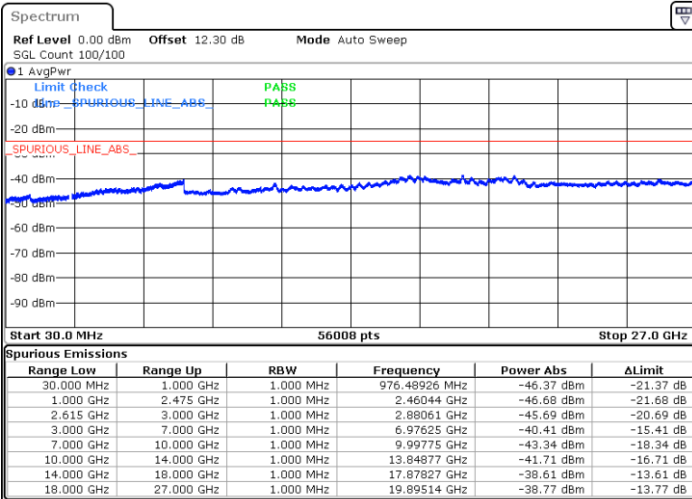
Date: 11.DEC.2020 23:13:18

LTE Band 7C / 15MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB74 and 1RB0



Date: 11.DEC.2020 23:13:18

Date: 11.DEC.2020 23:26:00

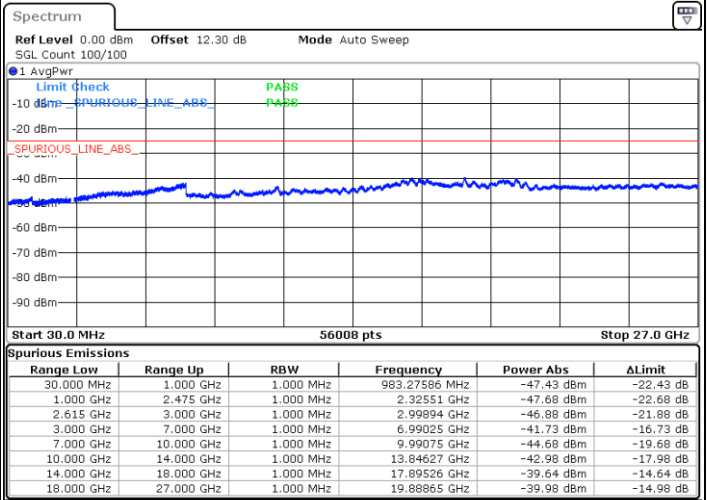
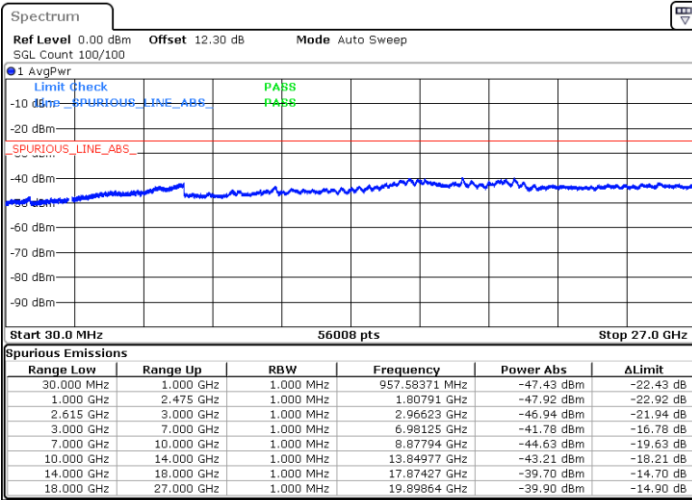


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



Date: 12 DEC 2020 09:05:02

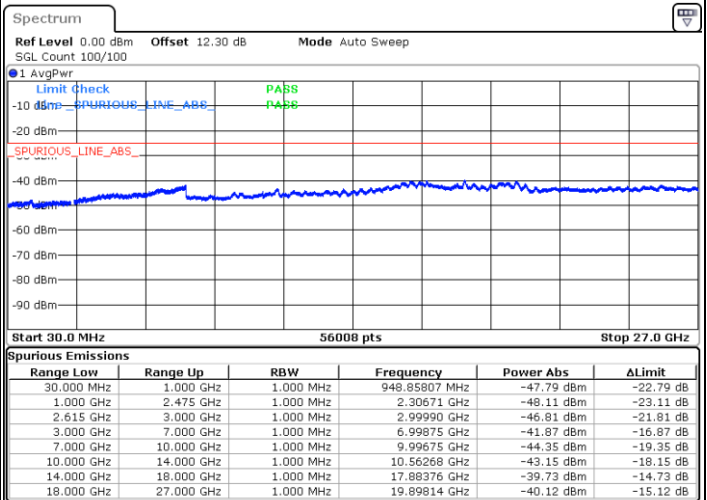
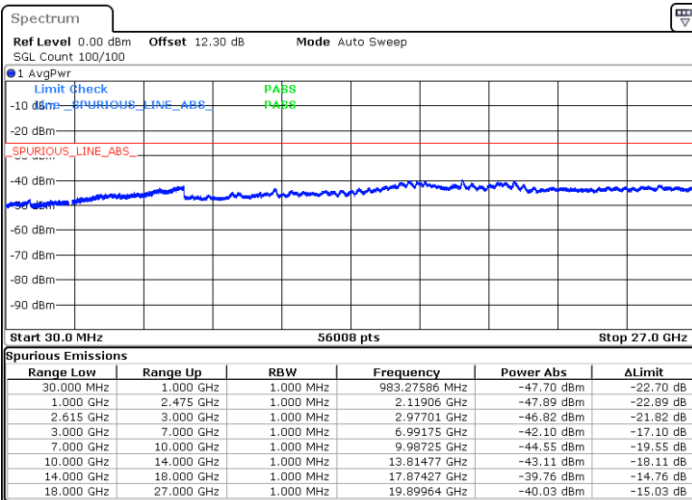
Date: 12 DEC 2020 09:03:57

LTE Band 7C / 15MHz+15MHz

QPSK

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 12 DEC 2020 09:11:20

Date: 12 DEC 2020 09:12:25

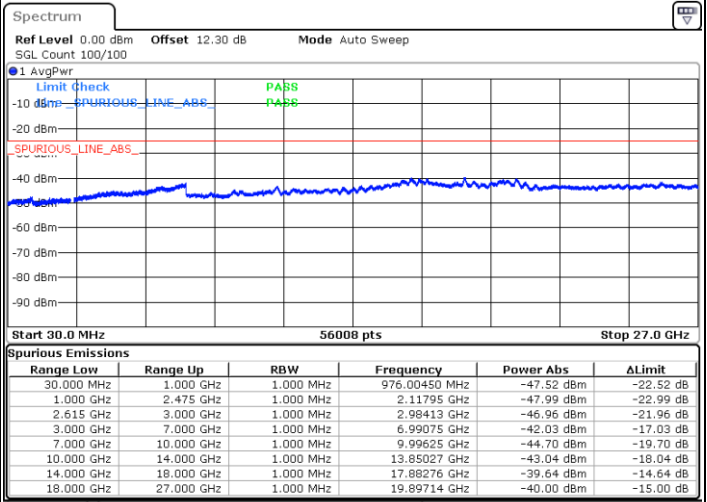
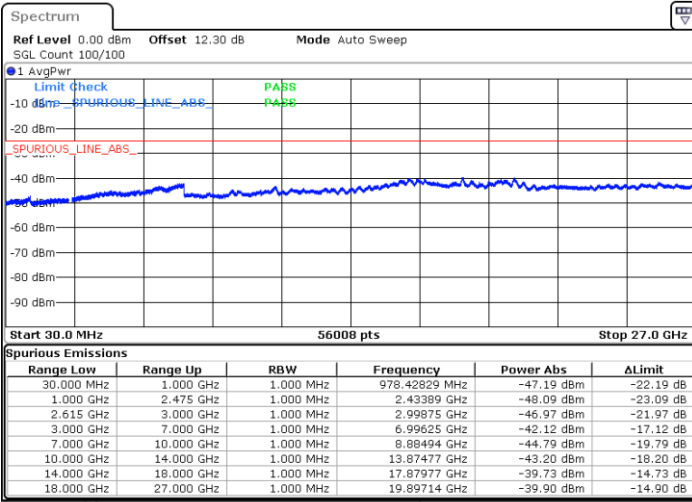


LTE Band 7C / 15MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Date: 12 DEC 2020 09:22:02

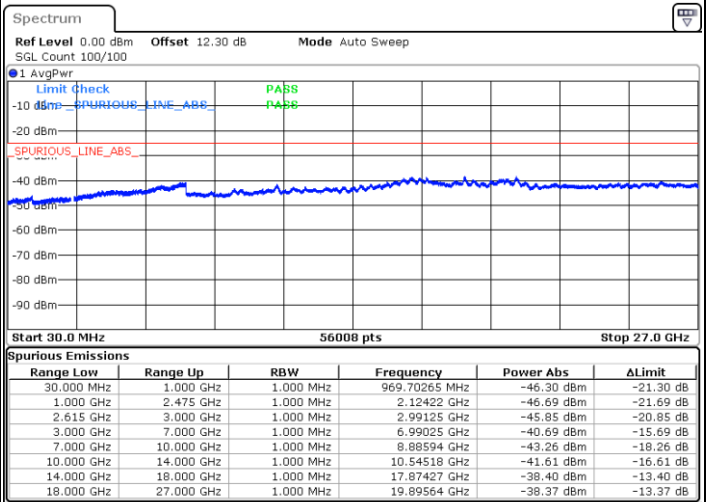
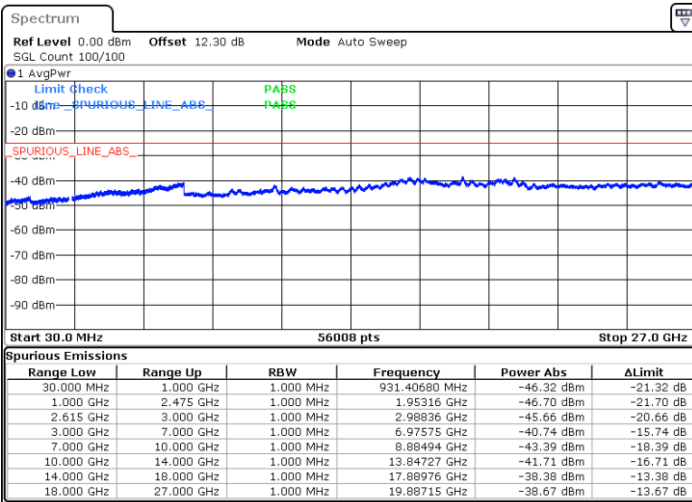
Date: 12 DEC 2020 09:20:57

LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



Date: 12 DEC 2020 00:28:51

Date: 12 DEC 2020 00:27:45

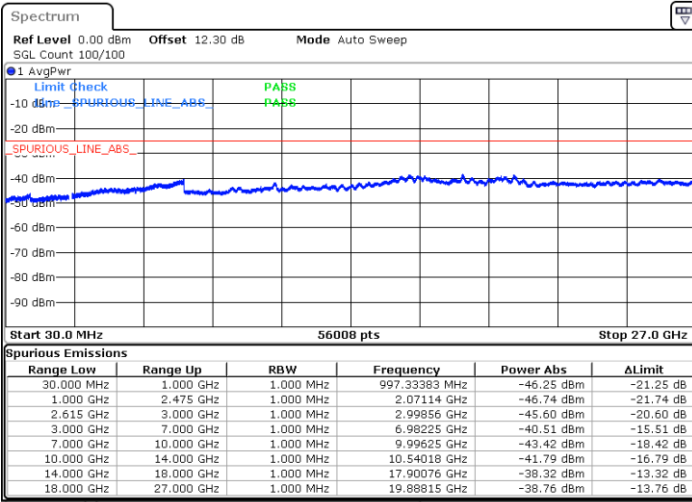


LTE Band 7C / 15MHz+20MHz

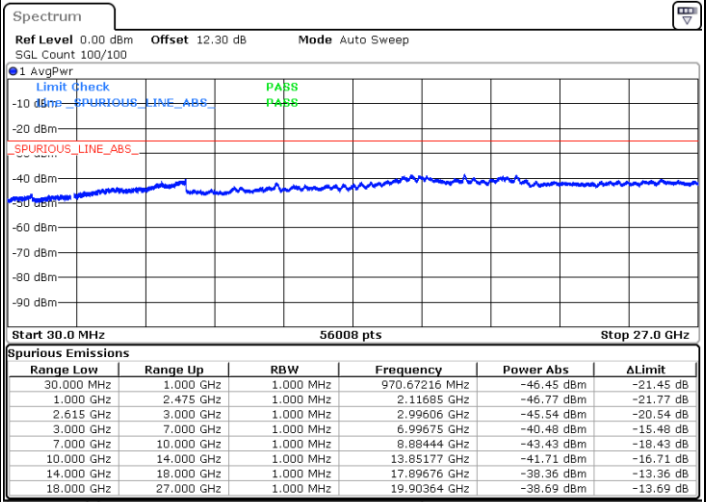
QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 12 DEC 2020 00:34:57



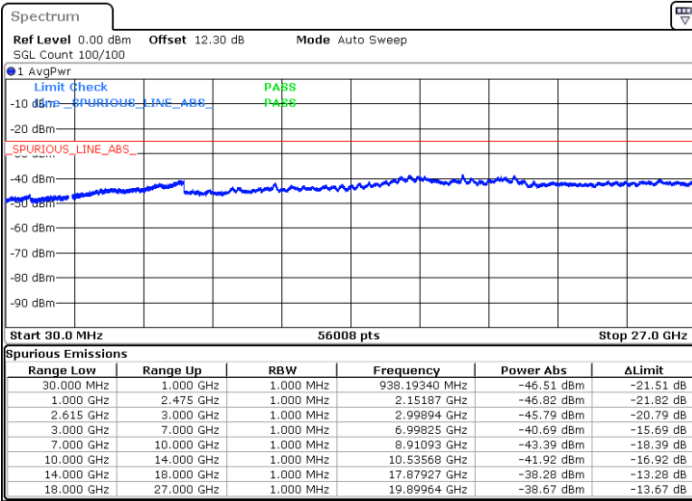
Date: 12 DEC 2020 00:36:03

LTE Band 7C / 15MHz+20MHz

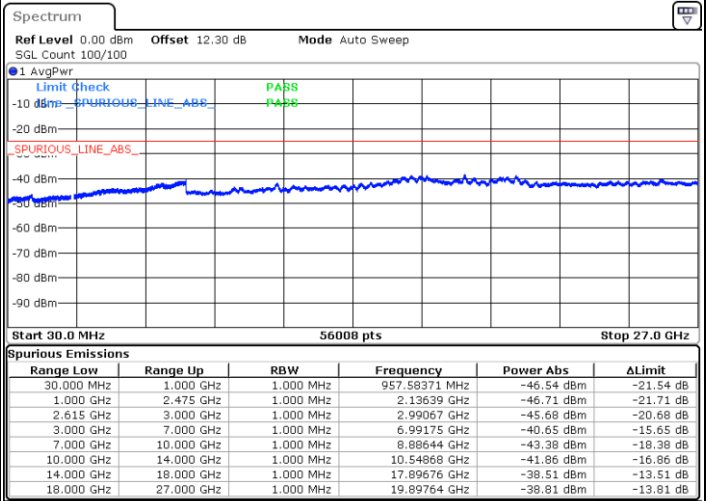
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 12 DEC 2020 00:46:29



Date: 12 DEC 2020 00:45:24

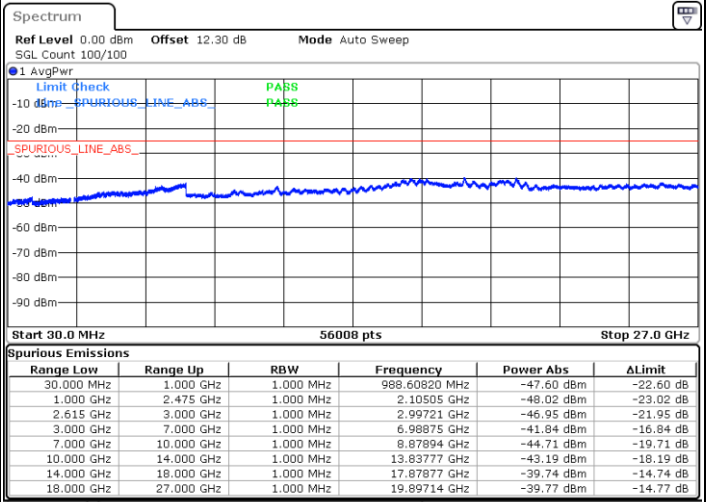
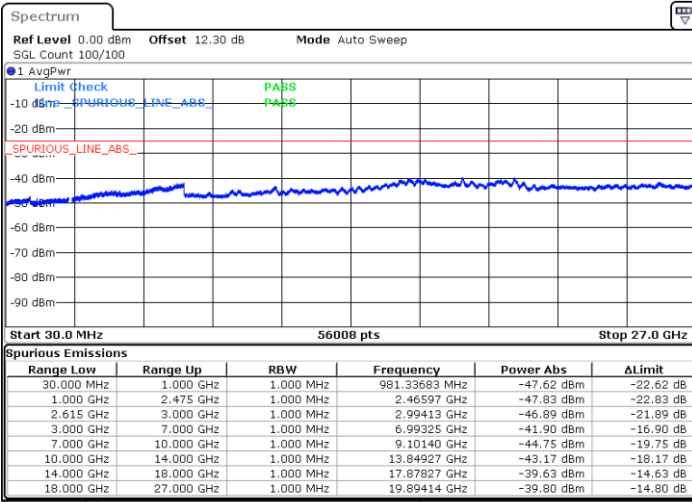


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



Date: 12 DEC 2020 09:31:58

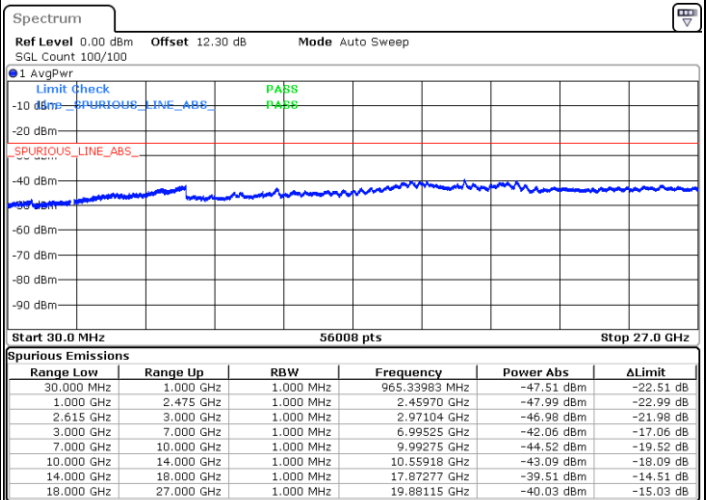
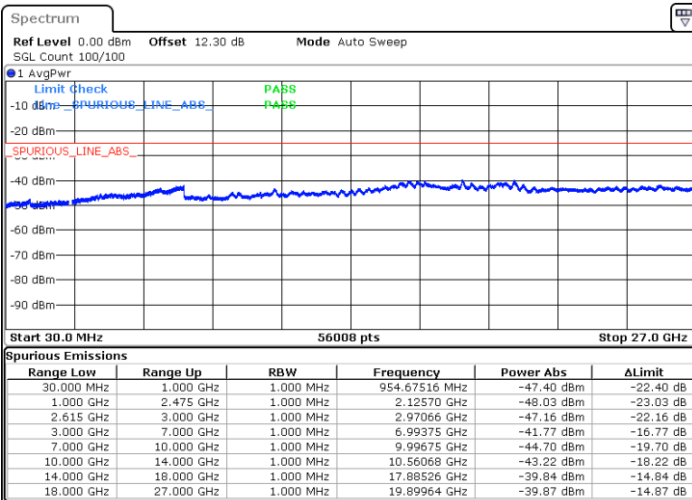
Date: 12 DEC 2020 09:30:53

LTE Band 7C / 20MHz+10MHz

QPSK

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 12 DEC 2020 09:36:52

Date: 12 DEC 2020 09:37:57



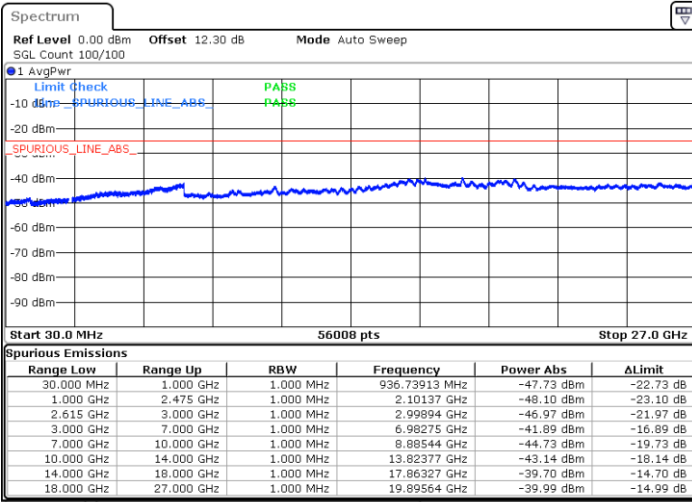


LTE Band 7C / 20MHz+10MHz

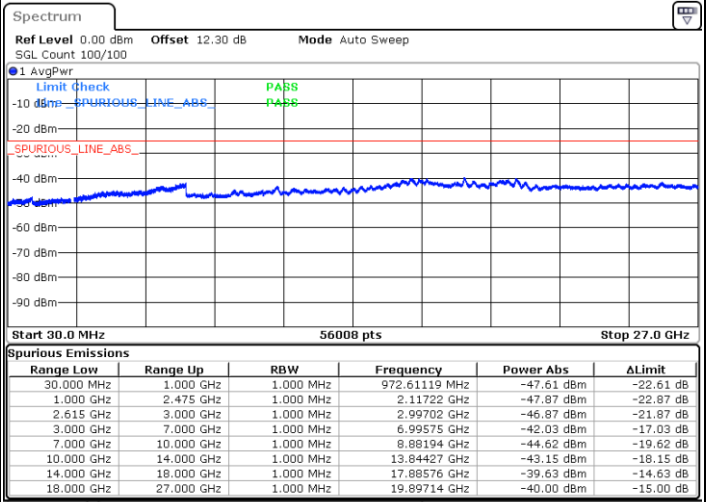
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 12 DEC 2020 09:48:35



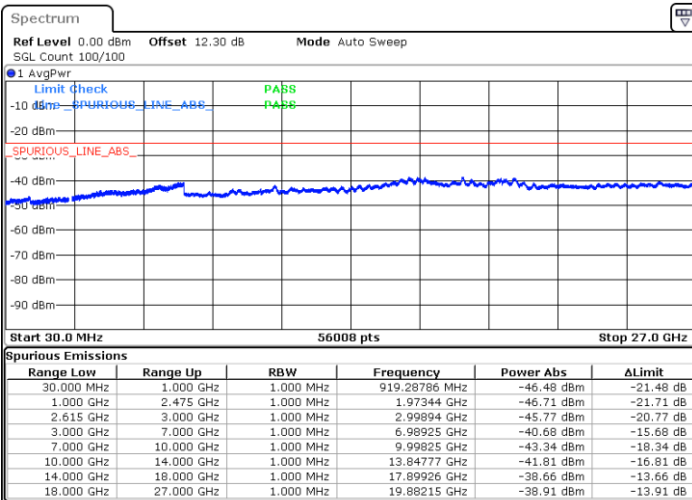
Date: 12 DEC 2020 09:47:30

LTE Band 7C / 20MHz+15MHz

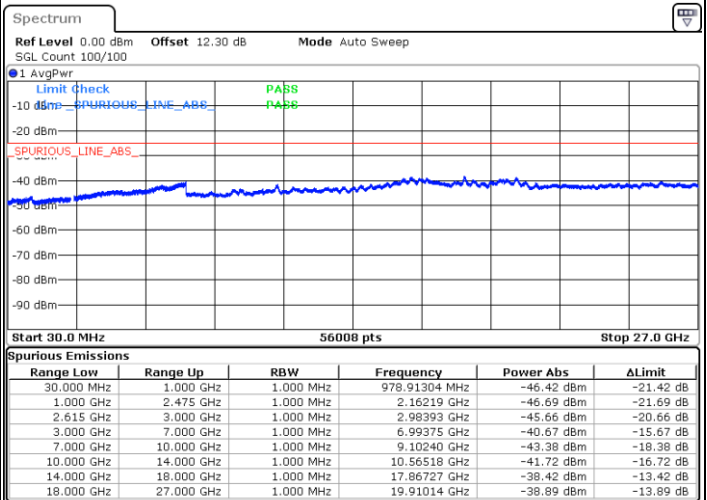
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



Date: 11 DEC 2020 23:57:09



Date: 11 DEC 2020 23:56:03

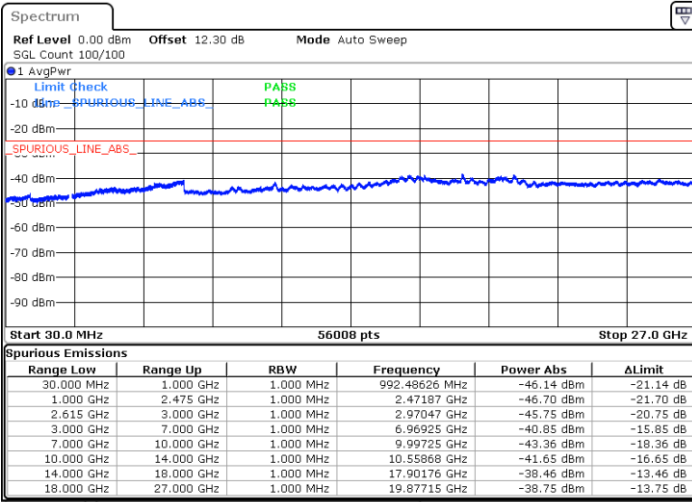


LTE Band 7C / 20MHz+15MHz

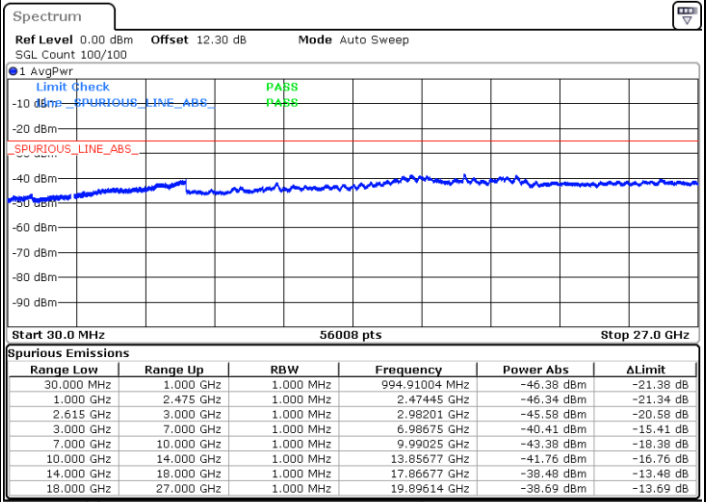
QPSK

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 12 DEC 2020 00:02:31



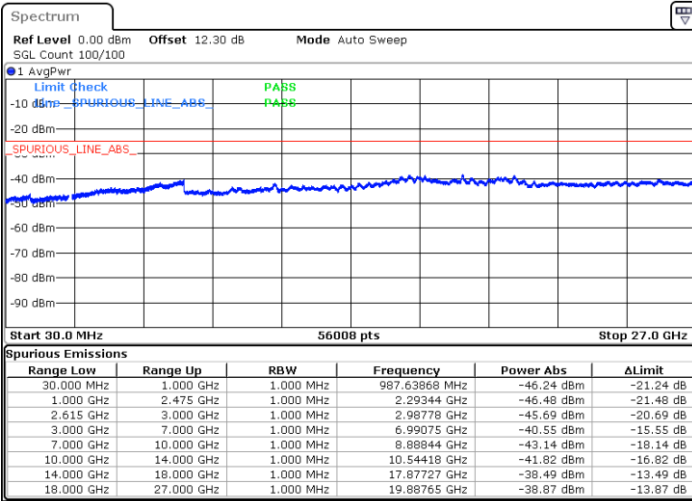
Date: 12 DEC 2020 00:03:37

LTE Band 7C / 20MHz+15MHz

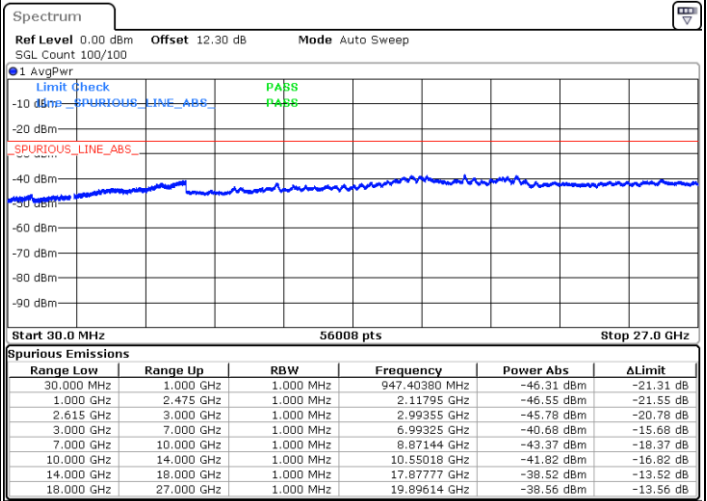
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 12 DEC 2020 00:13:26



Date: 12 DEC 2020 00:12:21

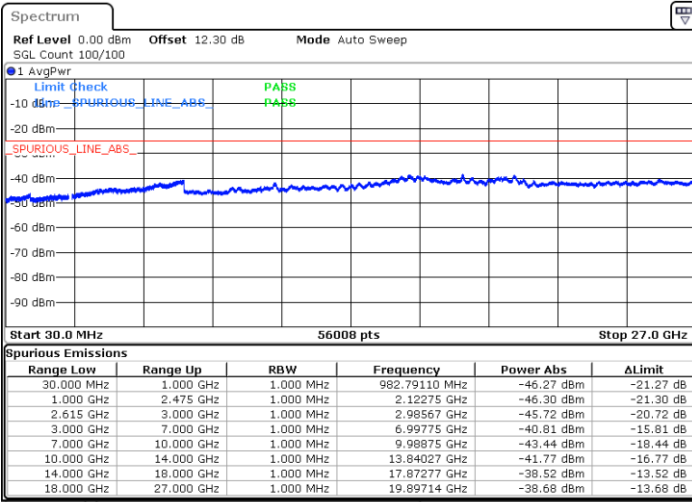


LTE Band 7C / 20MHz+20MHz

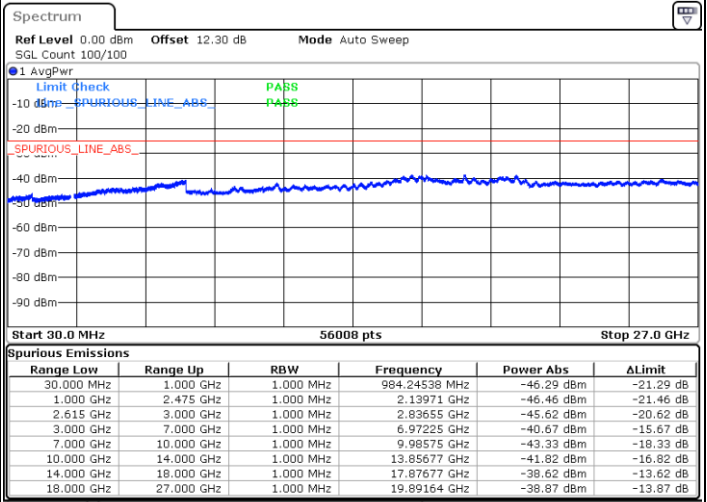
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



Date: 11.DEC.2020 23:39:56



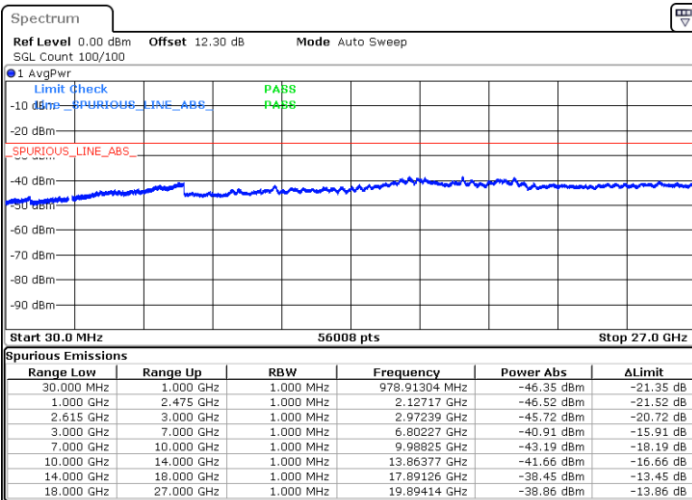
Date: 11.DEC.2020 23:38:50

LTE Band 7C / 20MHz+20MHz

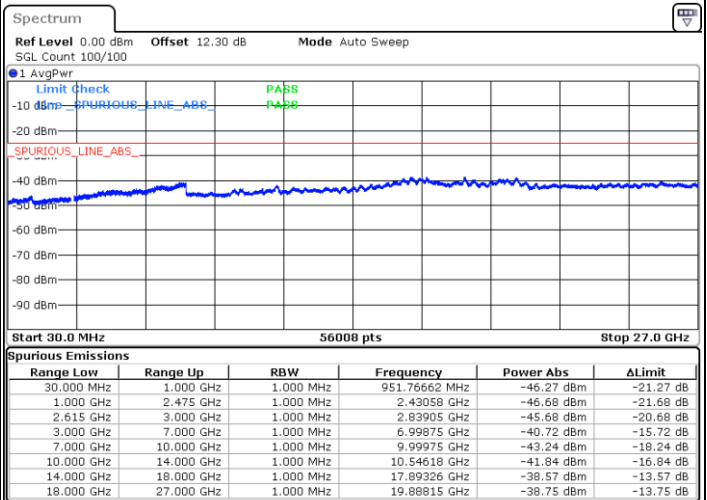
QPSK

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 11.DEC.2020 23:42:11



Date: 11.DEC.2020 23:43:16

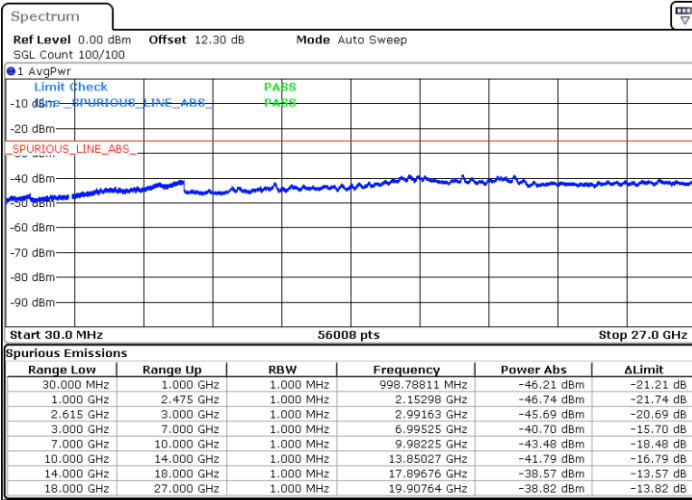


LTE Band 7C / 20MHz+20MHz

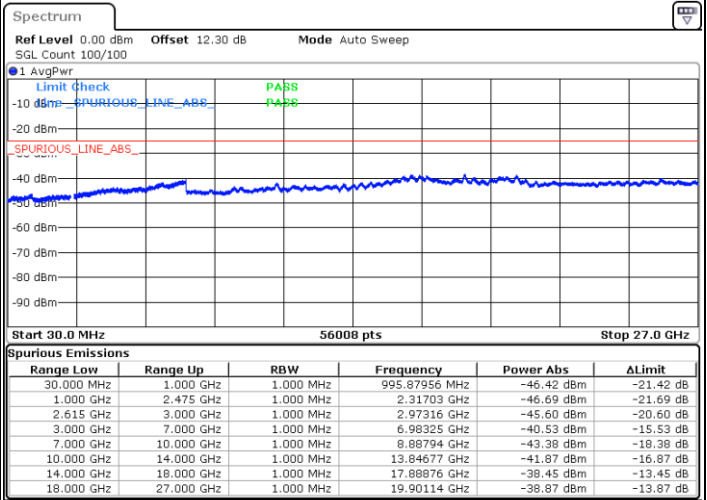
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 11.DEC.2020 23:46:41



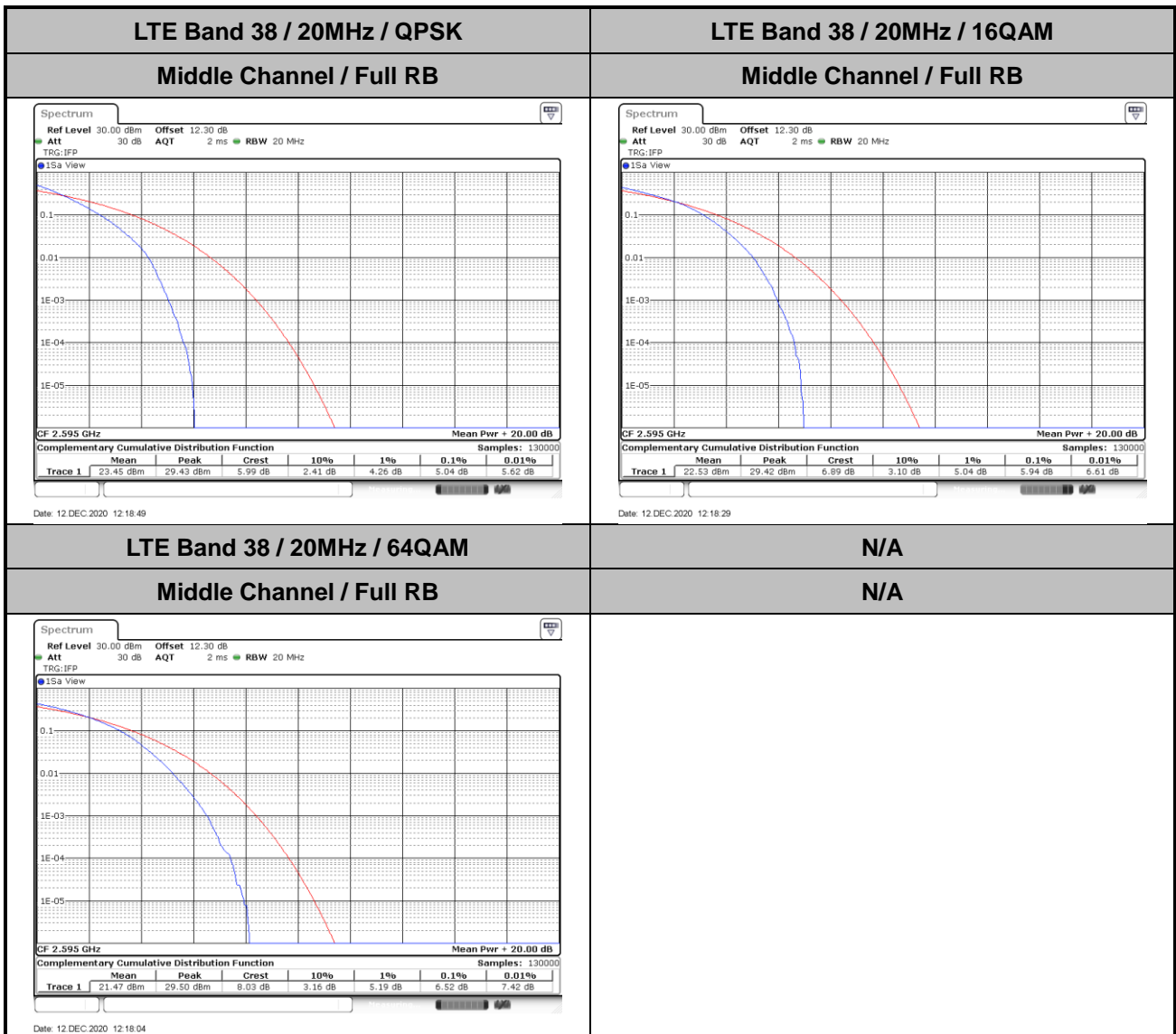
Date: 11.DEC.2020 23:45:36



# LTE Band 38

## Peak-to-Average Ratio

| Mode      | LTE Band 38 / 20MHz |         |         |             |
|-----------|---------------------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Result      |
| Middle CH | 5.04                | 5.94    | 6.52    | PASS        |





**26dB Bandwidth**

| Mode      | LTE Band 38 : 26dB BW(MHz) |         |       |         |       |         |       |         |       |         |       |         |
|-----------|----------------------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
| BW        | 1.4MHz                     |         | 3MHz  |         | 5MHz  |         | 10MHz |         | 15MHz |         | 20MHz |         |
| Mod.      | QPSK                       | 16QAM   | QPSK  | 16QAM   | QPSK  | 16QAM   | QPSK  | 16QAM   | QPSK  | 16QAM   | QPSK  | 16QAM   |
| Middle CH | -                          | -       | -     | -       | 4.86  | 4.80    | 9.65  | 9.85    | 14.21 | 14.36   | 18.66 | 18.98   |
| Mode      | LTE Band 38 : 26dB BW(MHz) |         |       |         |       |         |       |         |       |         |       |         |
| BW        | 1.4MHz                     |         | 3MHz  |         | 5MHz  |         | 10MHz |         | 15MHz |         | 20MHz |         |
| Mod.      | 64QAM                      | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM | 64QAM | 256 QAM |
| Middle CH | -                          | -       | -     | -       | 4.79  | -       | 9.63  | -       | 14.15 | value   | 18.74 | -       |