

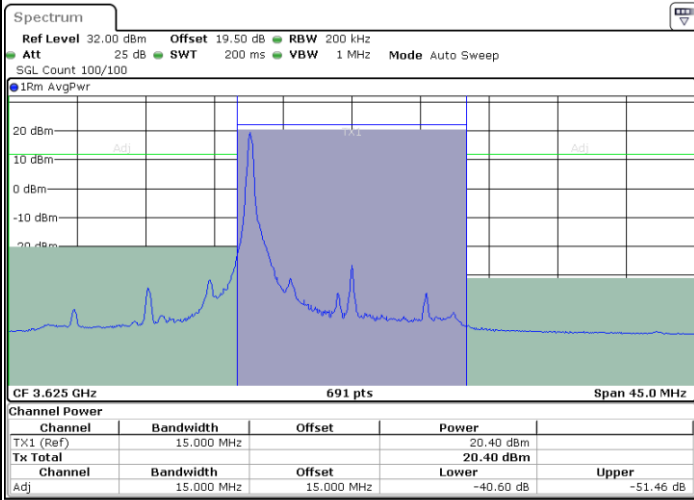


LTE Band 48 / 15MHz

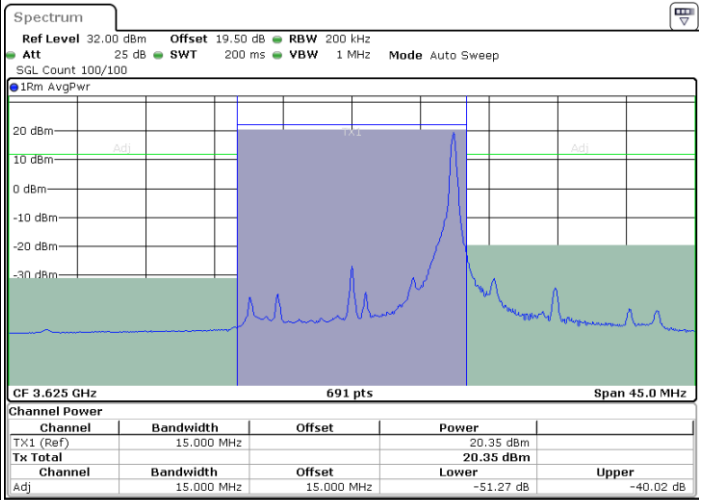
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



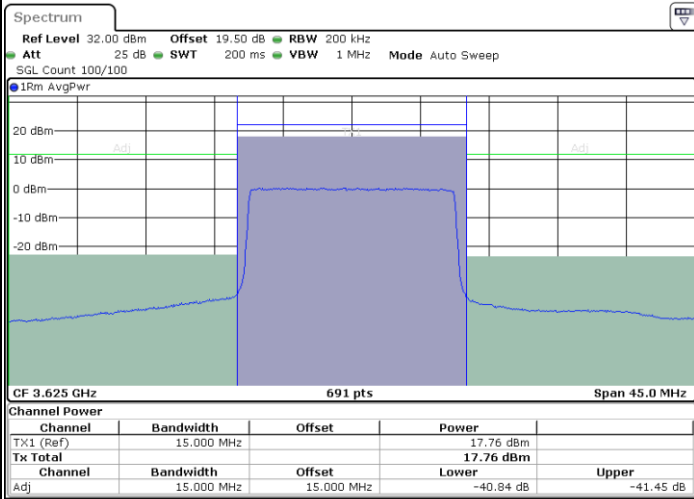
Date: 26.DEC.2020 22:31:05



Date: 26.DEC.2020 22:32:21

Middle Channel / FullRB

N/A



Date: 18.MAR.2021 23:23:07

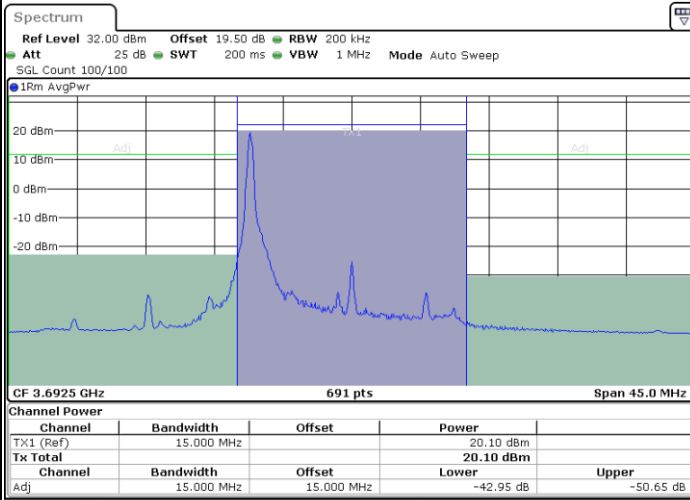


LTE Band 48 / 15MHz

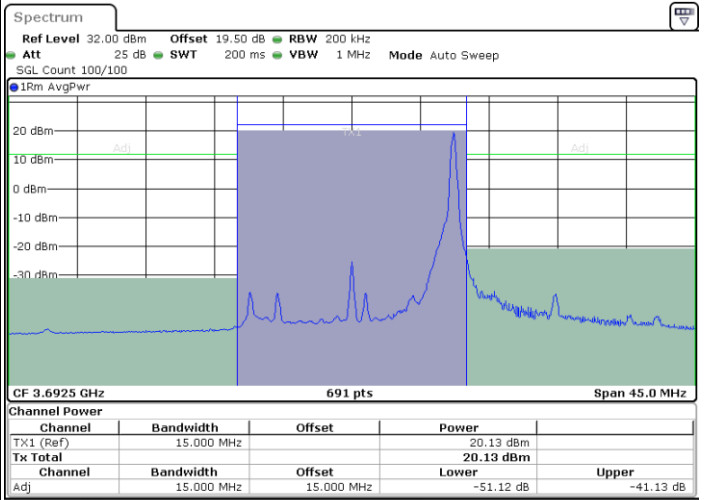
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



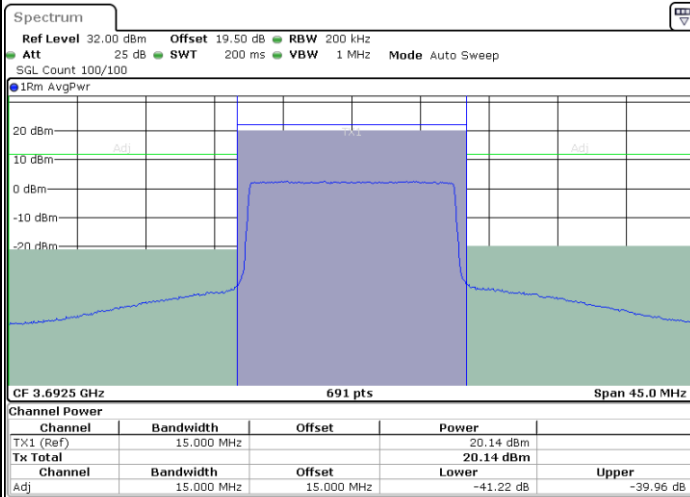
Date: 27.DEC.2020 00:17:06



Date: 27.DEC.2020 00:19:51

Highest Channel / FullIRB

N/A



Date: 26.DEC.2020 22:45:40

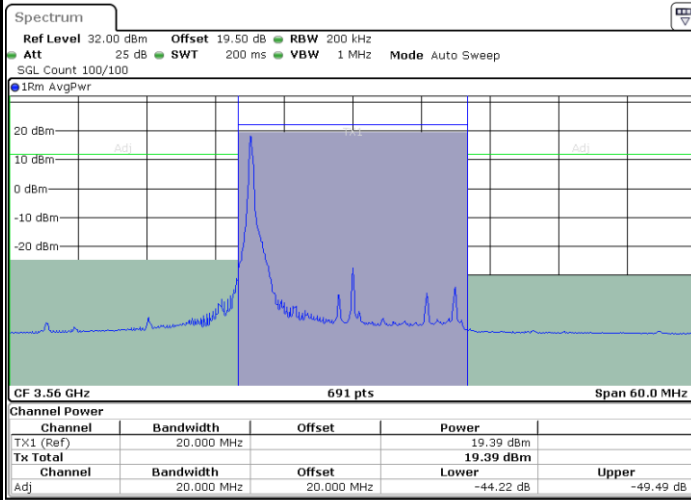


LTE Band 48 / 20MHz

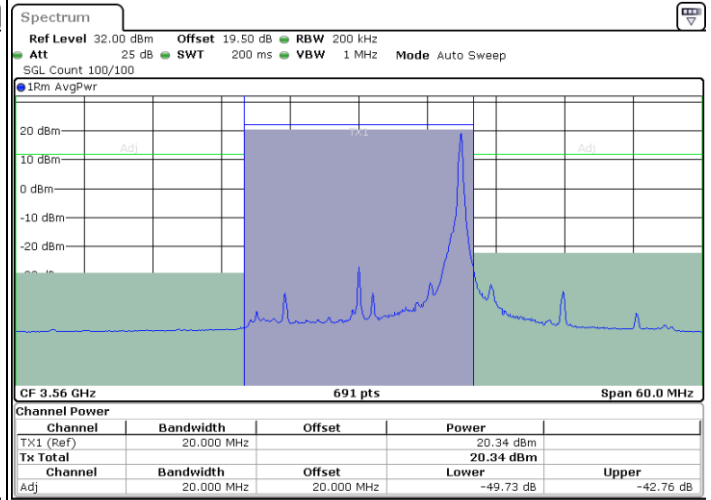
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



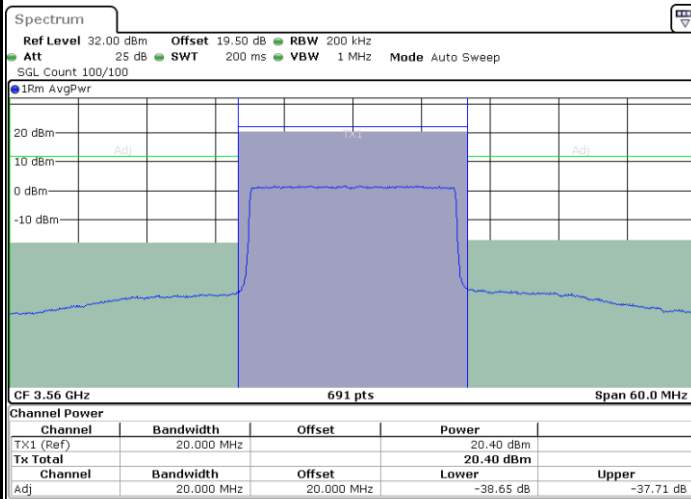
Date: 19 MAR 2021 00:20:43



Date: 27 DEC 2020 03:02:48

Lowest Channel / FullIRB

N/A



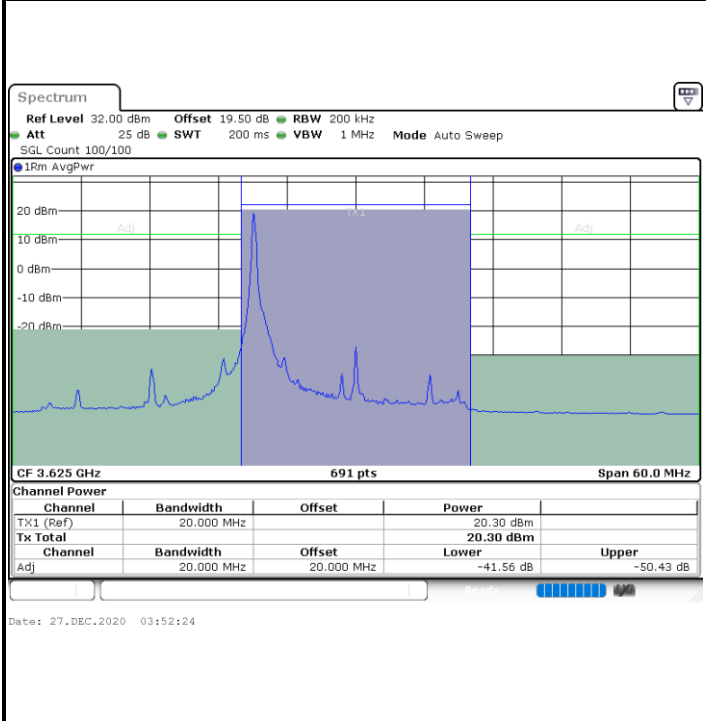
Date: 27 DEC 2020 02:42:58



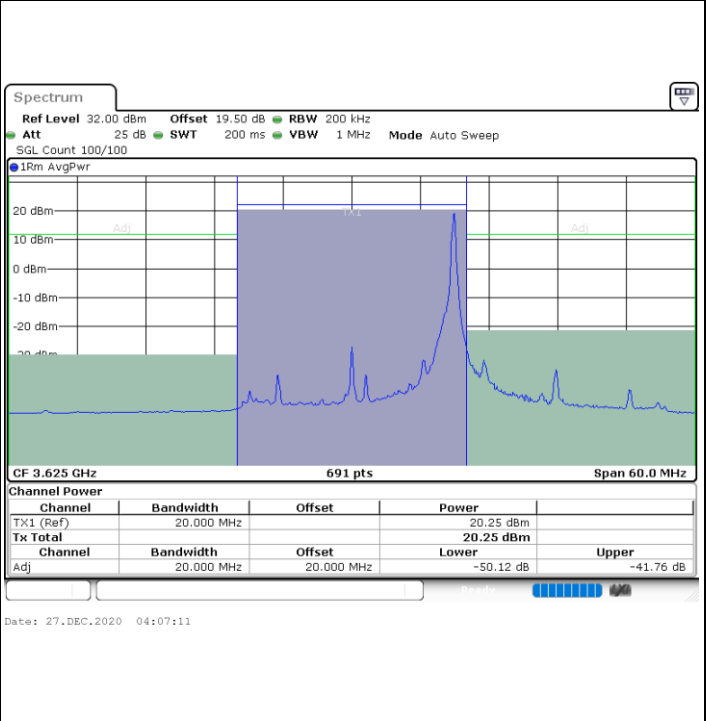
LTE Band 48 / 20MHz

64QAM

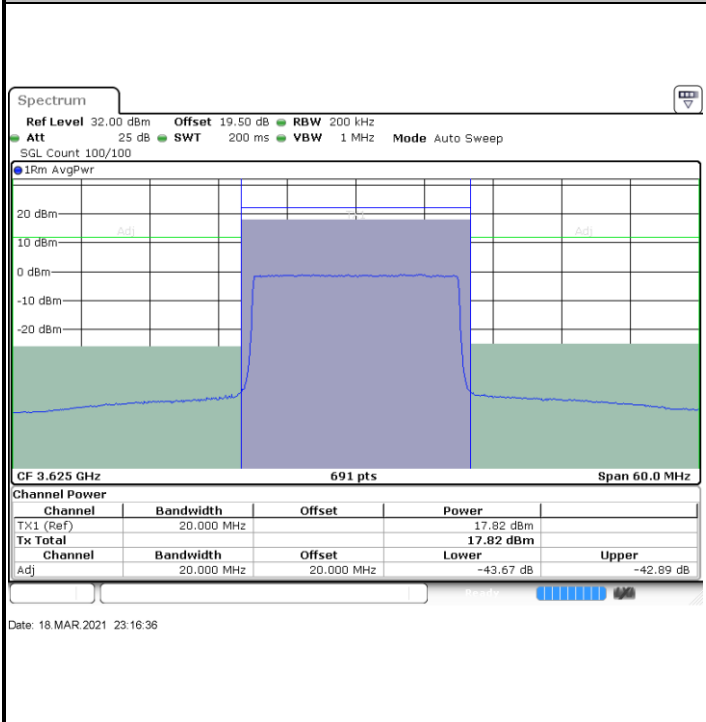
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB



N/A

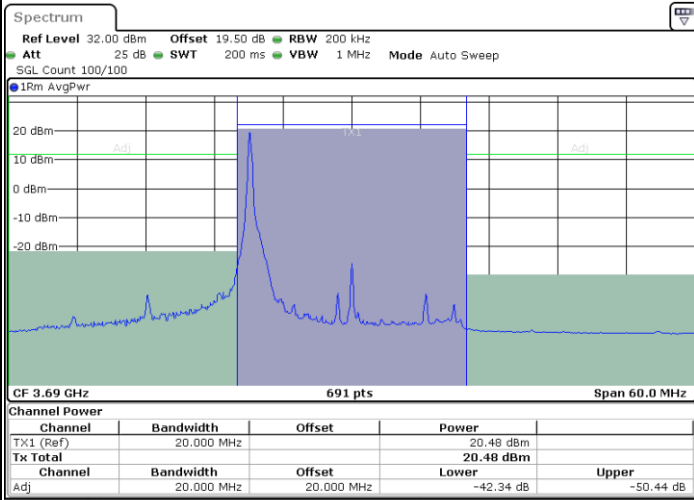


LTE Band 48 / 20MHz

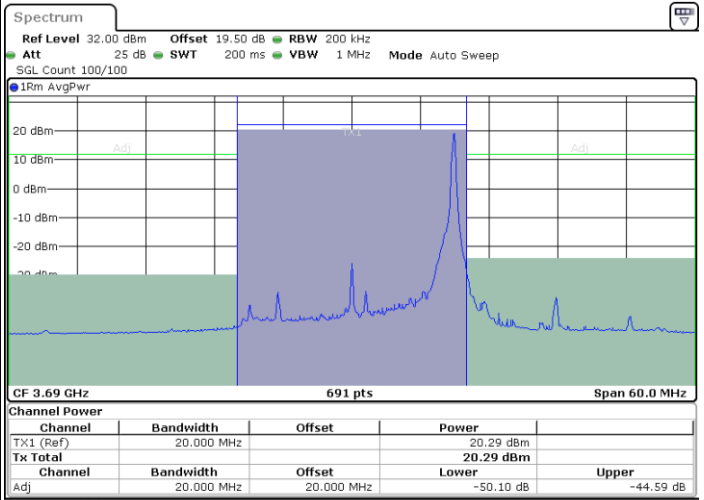
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



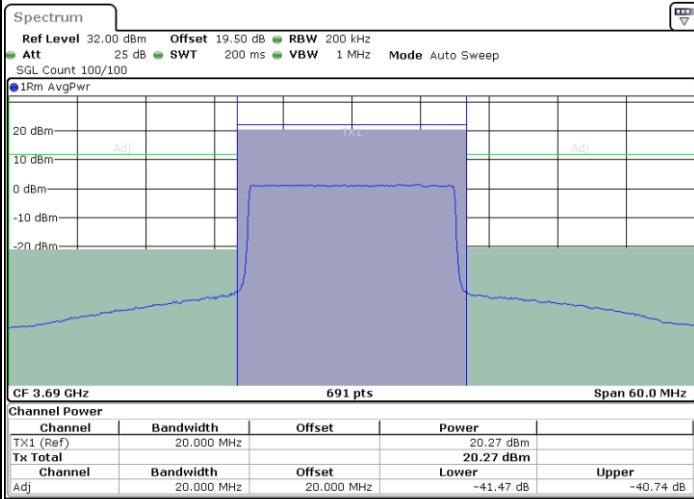
Date: 27.DEC.2020 04:59:52



Date: 27.DEC.2020 05:18:22

Highest Channel / FullIRB

N/A



Date: 27.DEC.2020 04:55:54



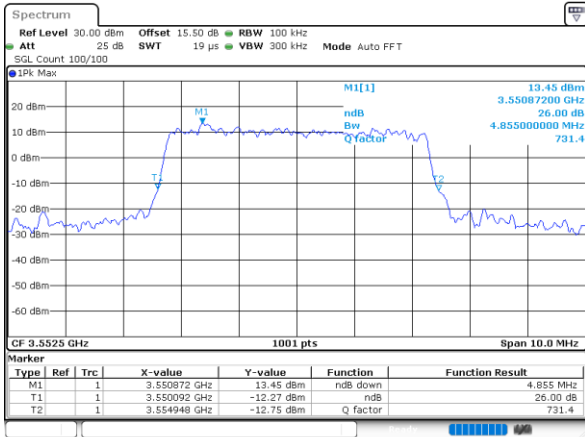
26dB Bandwidth

| Mode | LTE Band 48 : 26dB BW(MHz) | | | | | | | | | | | |
|------------|----------------------------|--|--|-------|-------|-------|-------|-------|-------|-------|-------|--|
| BW | | | | 5MHz | | 10MHz | | 15MHz | | 20MHz | | |
| Mod. | | | | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | |
| Lowest CH | | | | 4.86 | 4.85 | 9.67 | 9.77 | 14.18 | 14.15 | 18.98 | 18.70 | |
| Middle CH | | | | 4.83 | 4.92 | 9.69 | 9.69 | 14.30 | 14.78 | 18.70 | 18.94 | |
| Highest CH | | | | 4.90 | 4.79 | 9.73 | 9.97 | 14.09 | 14.27 | 18.94 | 18.98 | |
| Mode | LTE Band 48 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | | | | 5MHz | | 10MHz | | 15MHz | | 20MHz | | |
| Mod. | | | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | |
| Lowest CH | | | | 4.78 | - | 9.67 | - | 14.33 | - | 18.78 | - | |
| Middle CH | | | | 4.88 | - | 9.77 | - | 14.39 | - | 19.02 | - | |
| Highest CH | | | | 4.82 | - | 9.61 | - | 14.21 | - | 18.70 | - | |



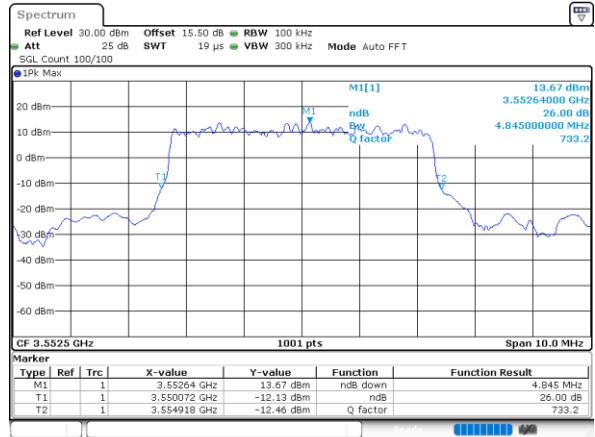
LTE Band 48

Lowest Channel / 5MHz / QPSK



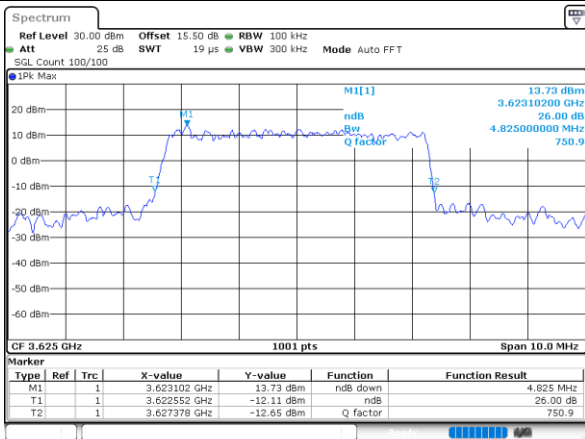
Date: 27 DEC 2020 06:06:48

Lowest Channel / 5MHz / 16QAM



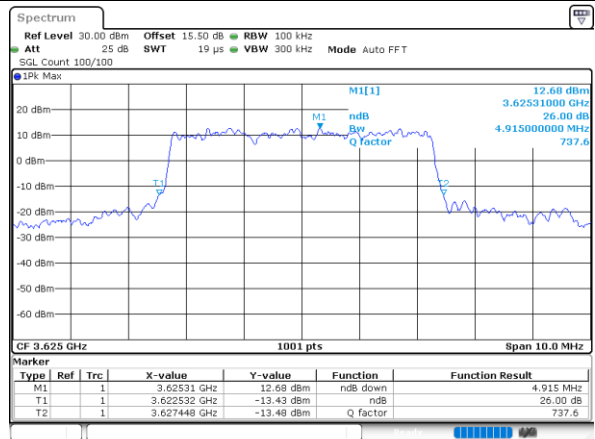
Date: 27 DEC 2020 06:07:09

Middle Channel / 5MHz / QPSK



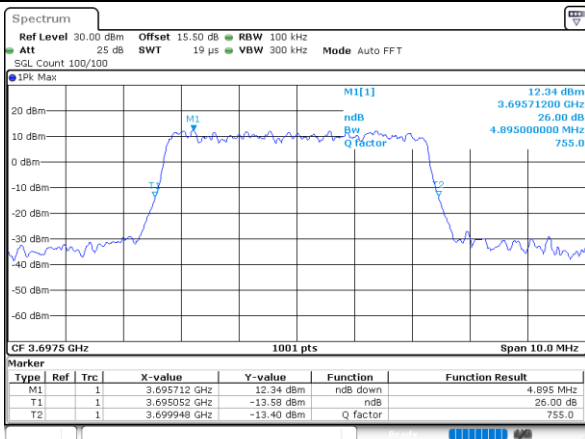
Date: 27 DEC 2020 06:09:00

Middle Channel / 5MHz / 16QAM



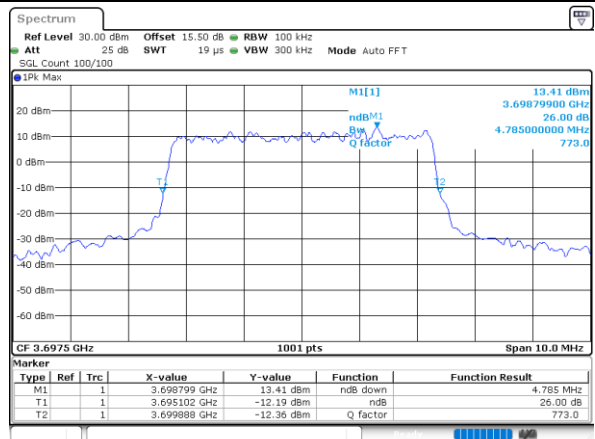
Date: 27 DEC 2020 06:08:40

Highest Channel / 5MHz / QPSK



Date: 27 DEC 2020 06:09:29

Highest Channel / 5MHz / 16QAM

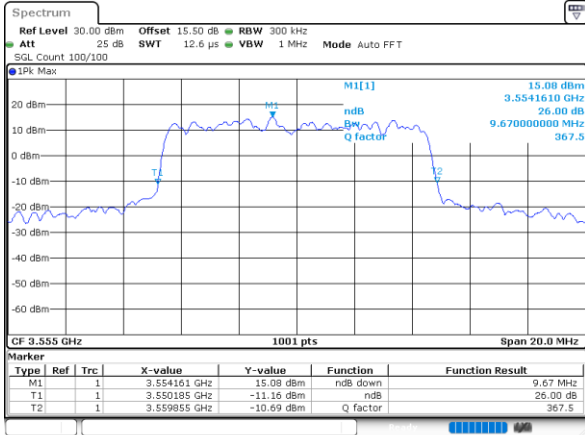


Date: 27 DEC 2020 06:09:56



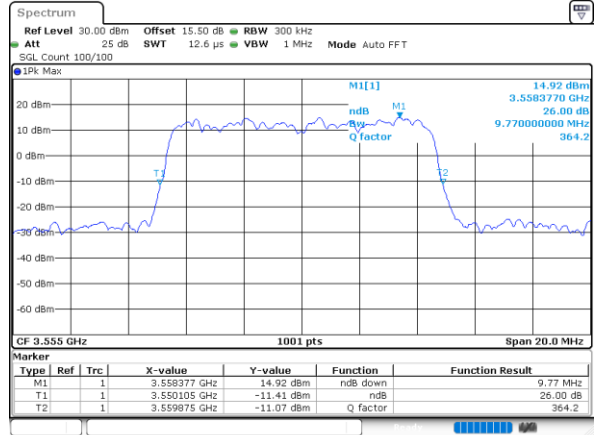
LTE Band 48

Lowest Channel / 10MHz / QPSK



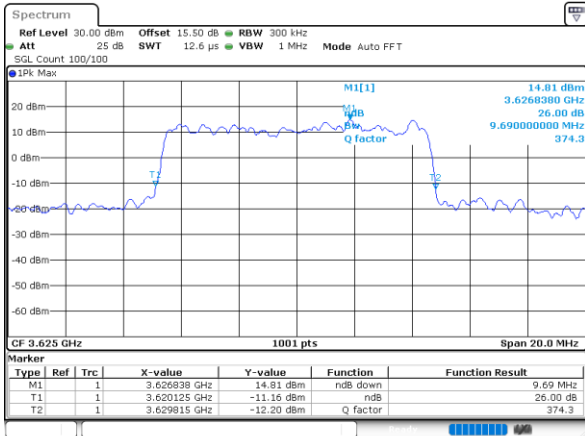
Date: 27 DEC 2020 06:00:15

Lowest Channel / 10MHz / 16QAM



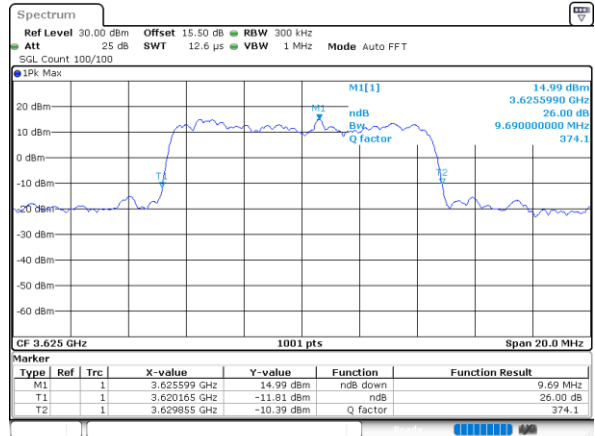
Date: 27 DEC 2020 06:00:41

Middle Channel / 10MHz / QPSK



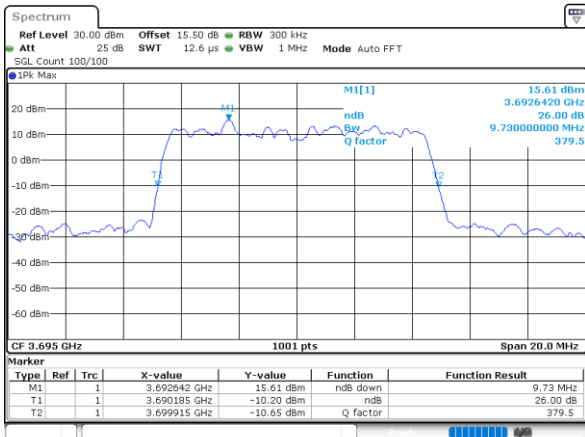
Date: 27 DEC 2020 05:59:43

Middle Channel / 10MHz / 16QAM



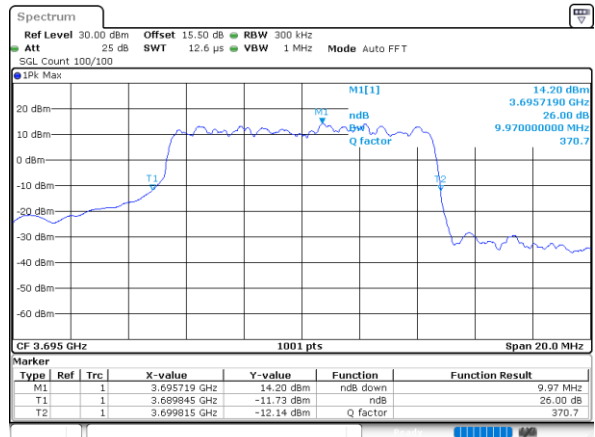
Date: 27 DEC 2020 05:59:22

Highest Channel / 10MHz / QPSK



Date: 27 DEC 2020 05:57:46

Highest Channel / 10MHz / 16QAM

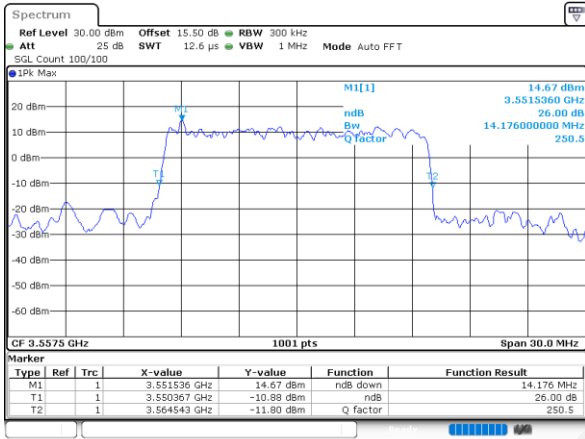


Date: 27 DEC 2020 05:58:05

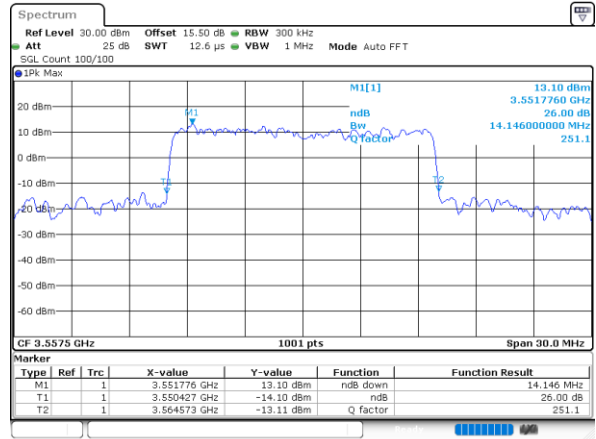


LTE Band 48

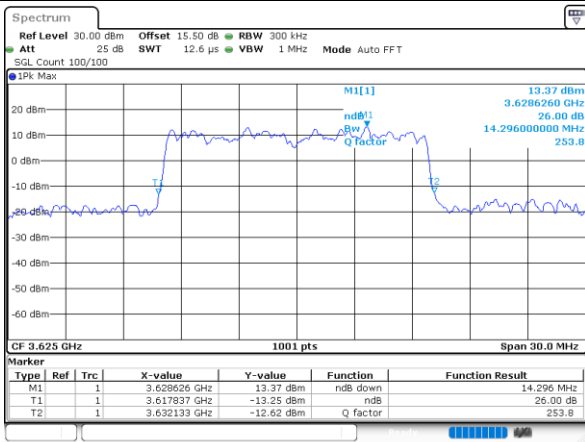
Lowest Channel / 15MHz / QPSK



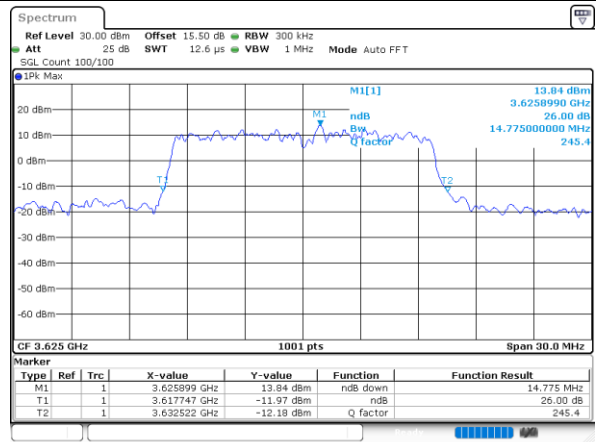
Lowest Channel / 15MHz / 16QAM



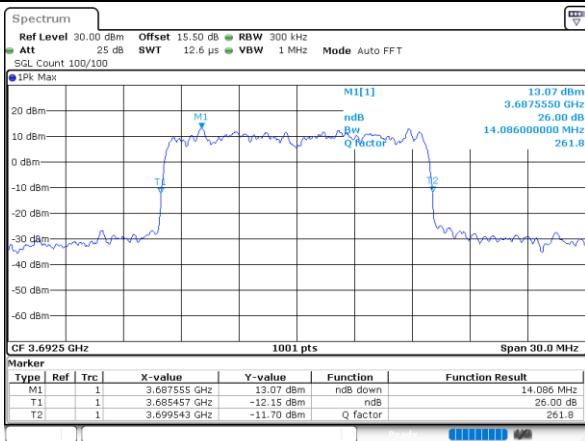
Middle Channel / 15MHz / QPSK



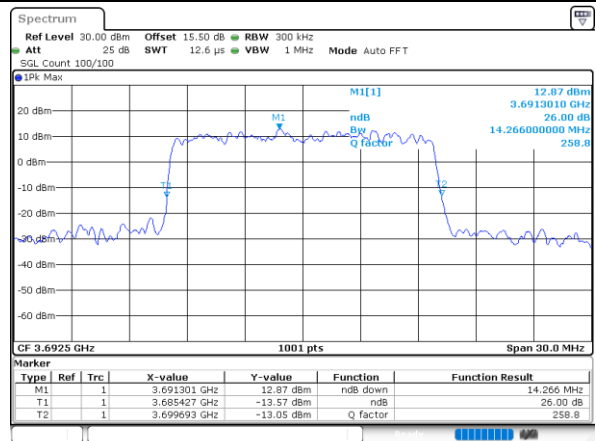
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



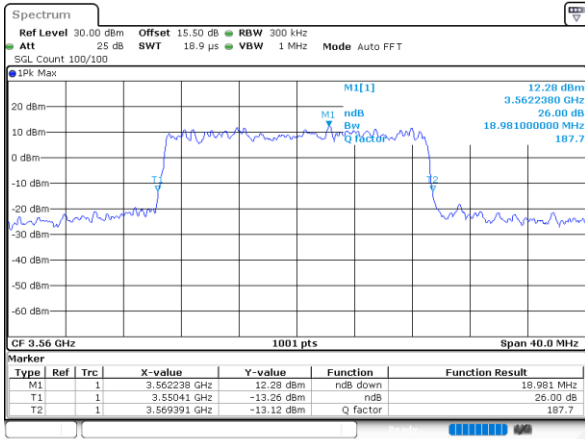
Highest Channel / 15MHz / 16QAM





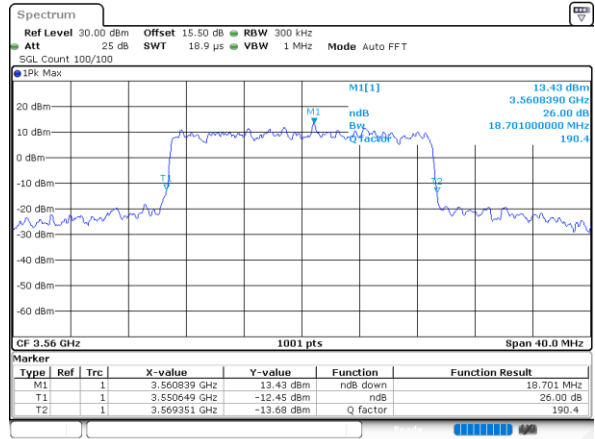
LTE Band 48

Lowest Channel / 20MHz / QPSK



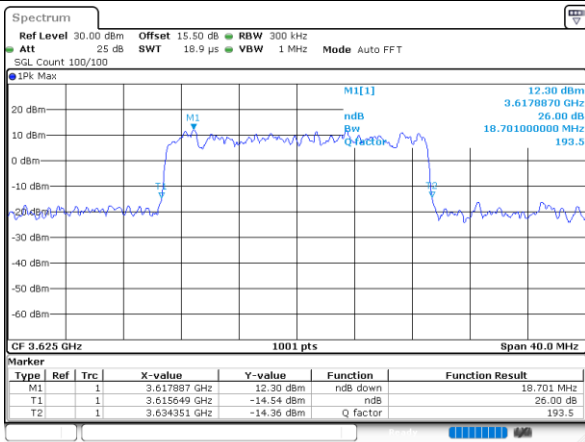
Date: 27, DEC, 2020 05:22:32

Lowest Channel / 20MHz / 16QAM



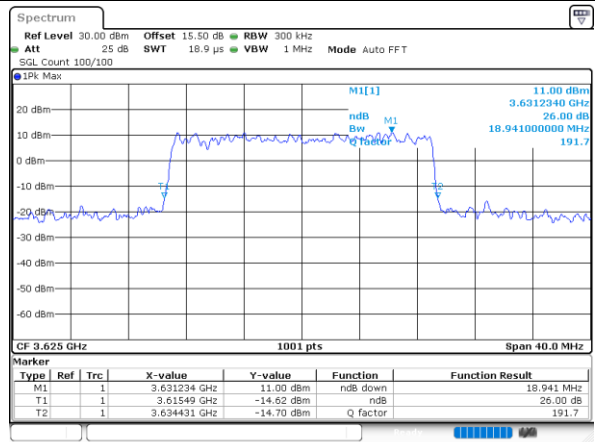
Date: 27, DEC, 2020 05:22:53

Middle Channel / 20MHz / QPSK



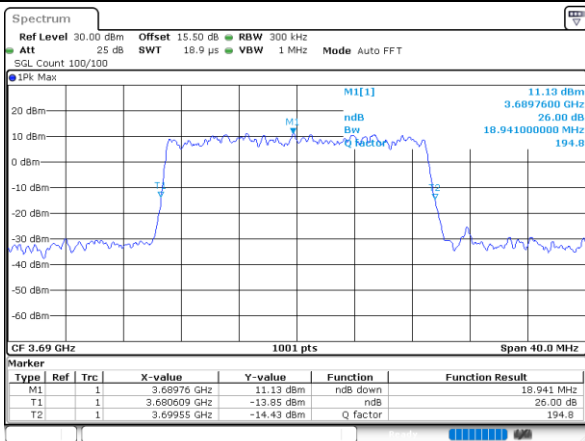
Date: 27, DEC, 2020 05:22:00

Middle Channel / 20MHz / 16QAM



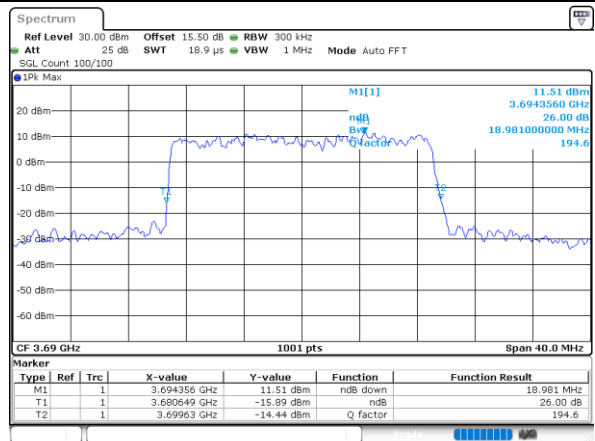
Date: 27, DEC, 2020 05:21:41

Highest Channel / 20MHz / QPSK



Date: 27, DEC, 2020 05:19:59

Highest Channel / 20MHz / 16QAM

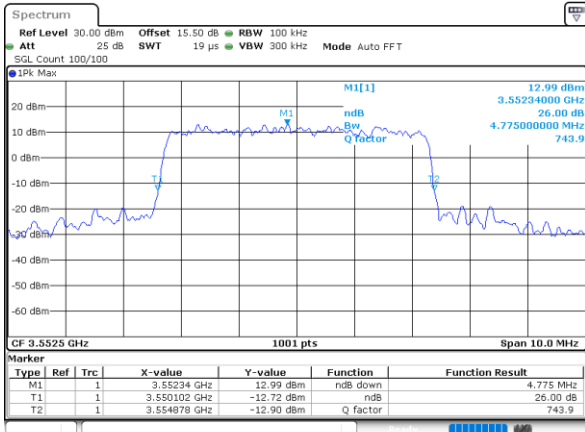


Date: 27, DEC, 2020 05:20:21



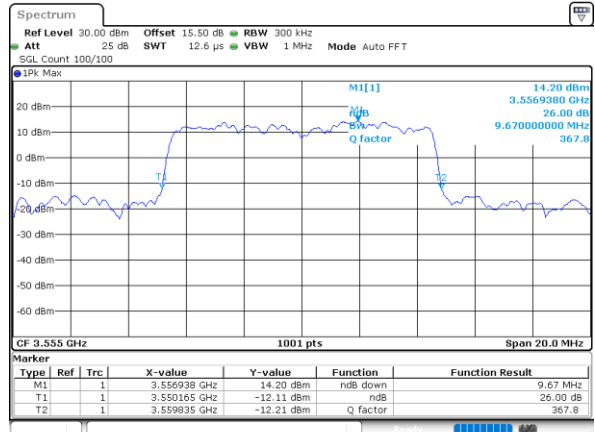
LTE Band 48

Lowest Channel / 5MHz / 64QAM



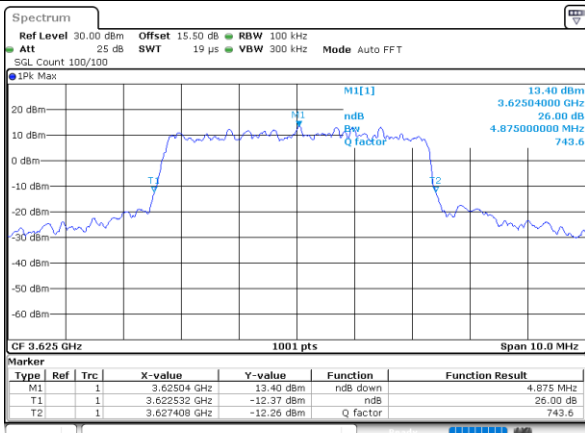
Date: 27, DEC, 2020 06:07:20

Lowest Channel / 10MHz / 64QAM



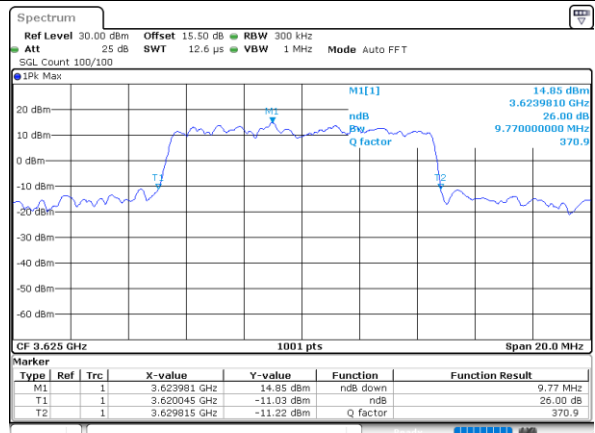
Date: 27, DEC, 2020 06:10:10

Middle Channel / 5MHz / 64QAM



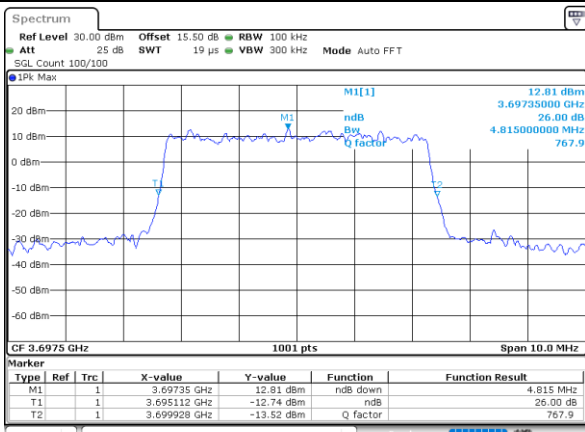
Date: 27, DEC, 2020 06:08:21

Middle Channel / 10MHz / 64QAM



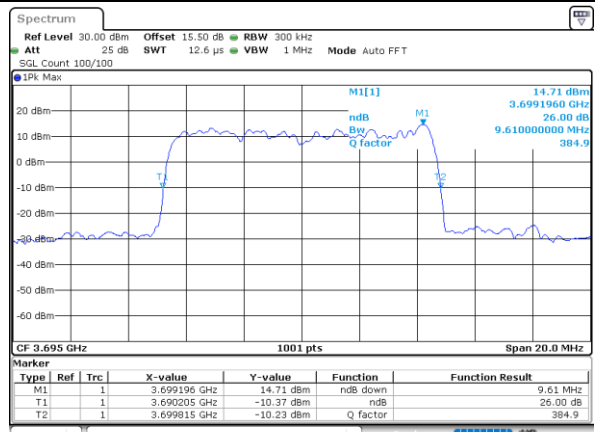
Date: 27, DEC, 2020 05:15:03

Highest Channel / 5MHz / 64QAM



Date: 27, DEC, 2020 06:10:15

Highest Channel / 10MHz / 64QAM

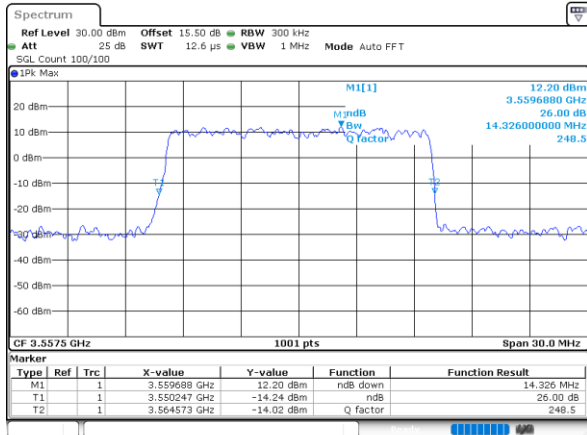


Date: 27, DEC, 2020 05:15:25



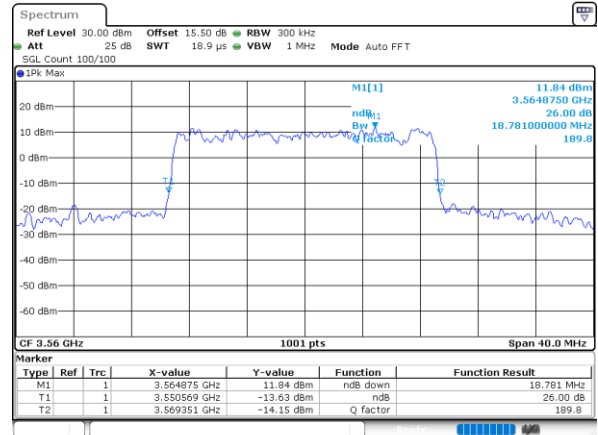
LTE Band 48

Lowest Channel / 15MHz / 64QAM



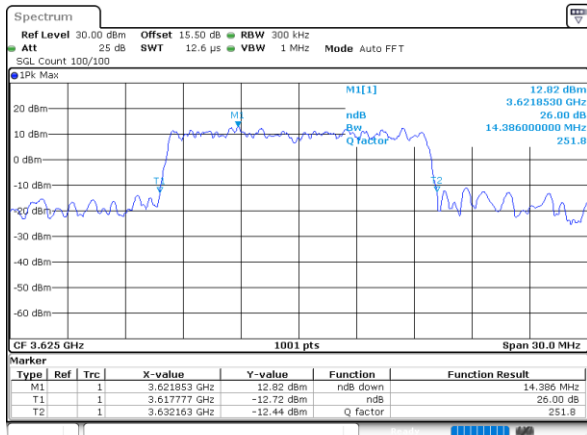
Date: 27, DEC, 2020 05:25:25

Lowest Channel / 20MHz / 64QAM



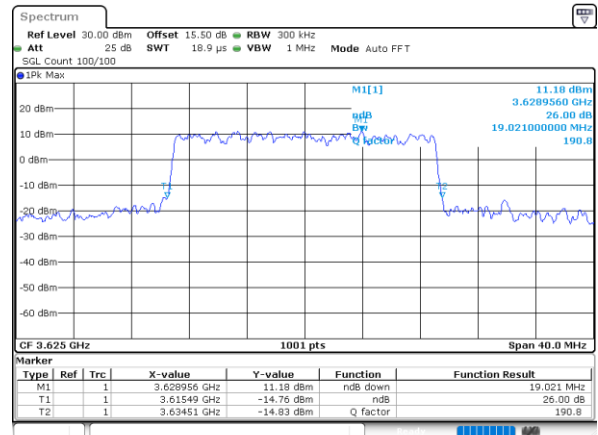
Date: 27, DEC, 2020 05:23:11

Middle Channel / 15MHz / 64QAM



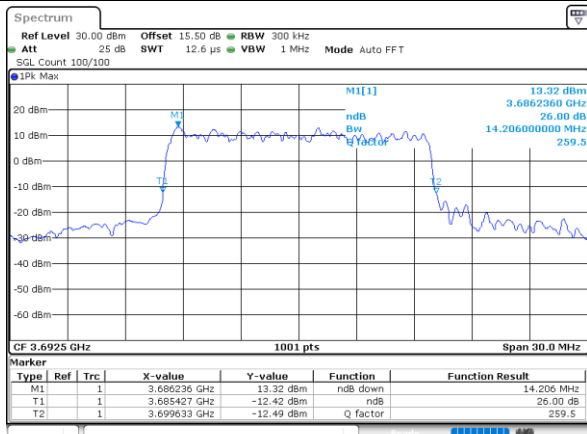
Date: 27, DEC, 2020 05:28:53

Middle Channel / 20MHz / 64QAM



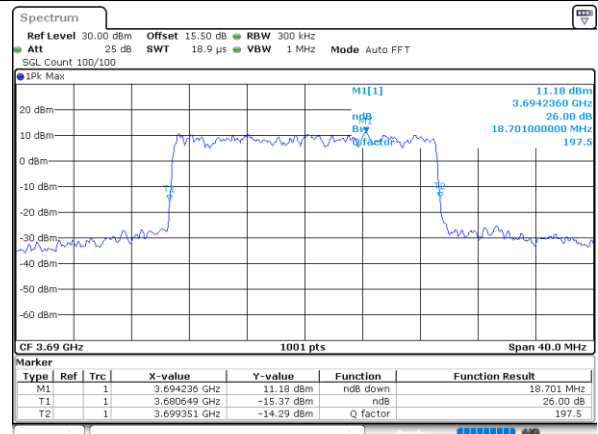
Date: 27, DEC, 2020 05:12:23

Highest Channel / 15MHz / 64QAM



Date: 27, DEC, 2020 05:30:53

Highest Channel / 20MHz / 64QAM



Date: 27, DEC, 2020 05:12:40



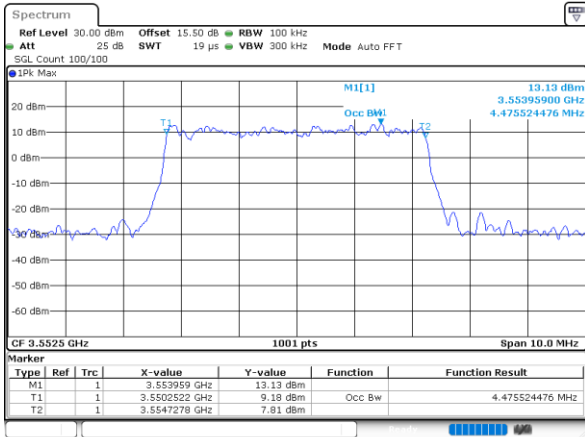
Occupied Bandwidth

| Mode | LTE Band 48 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|---------------------------|--|--|-------|-------|-------|-------|-------|-------|-------|-------|--|
| BW | | | | 5MHz | | 10MHz | | 15MHz | | 20MHz | | |
| Mod. | | | | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | |
| Lowest CH | | | | 4.48 | 4.48 | 9.01 | 9.01 | 13.40 | 13.43 | 17.90 | 17.94 | |
| Middle CH | | | | 4.50 | 4.46 | 8.97 | 9.07 | 13.43 | 13.49 | 17.94 | 17.90 | |
| Highest CH | | | | 4.51 | 4.51 | 9.03 | 9.07 | 13.40 | 13.34 | 17.90 | 17.78 | |
| Mode | LTE Band 48 : 99%OBW(MHz) | | | | | | | | | | | |
| BW | | | | 5MHz | | 10MHz | | 15MHz | | 20MHz | | |
| Mod. | | | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | |
| Lowest CH | | | | 4.49 | - | 9.01 | - | 13.40 | - | 17.94 | - | |
| Middle CH | | | | 4.50 | - | 9.03 | - | 13.49 | - | 17.94 | - | |
| Highest CH | | | | 4.51 | - | 9.03 | - | 13.49 | - | 17.94 | - | |



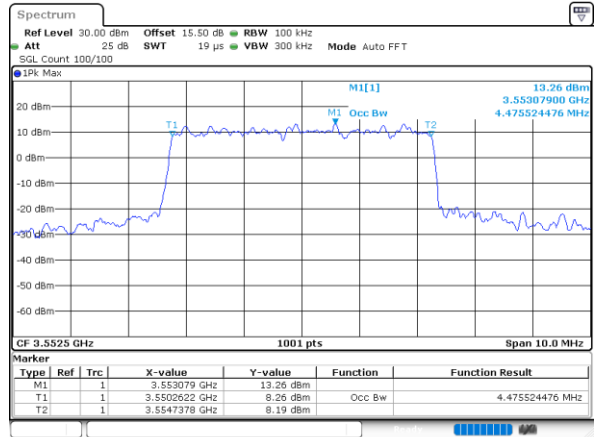
LTE Band 48

Lowest Channel / 5MHz / QPSK



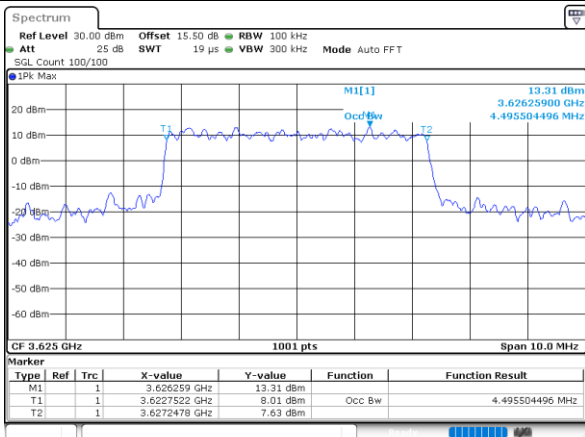
Date: 27_DEC.2020 06:06:39

Lowest Channel / 5MHz / 16QAM



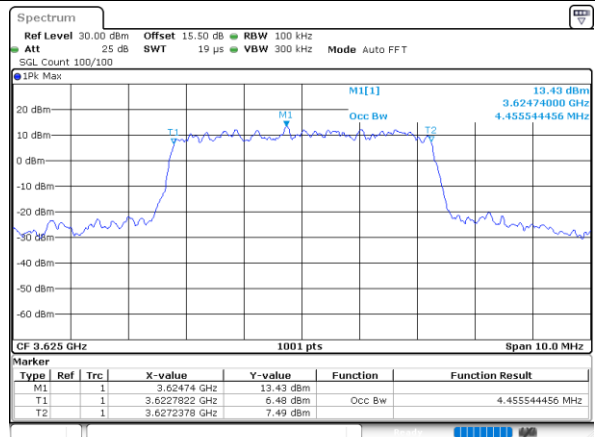
Date: 27_DEC.2020 06:07:02

Middle Channel / 5MHz / QPSK



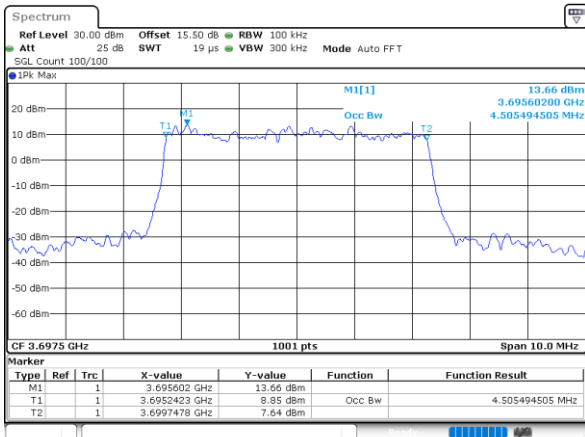
Date: 27_DEC.2020 06:08:53

Middle Channel / 5MHz / 16QAM



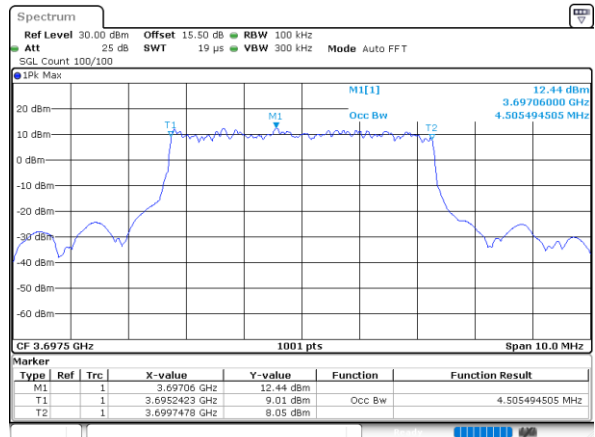
Date: 27_DEC.2020 06:08:32

Highest Channel / 5MHz / QPSK



Date: 27_DEC.2020 06:09:21

Highest Channel / 5MHz / 16QAM

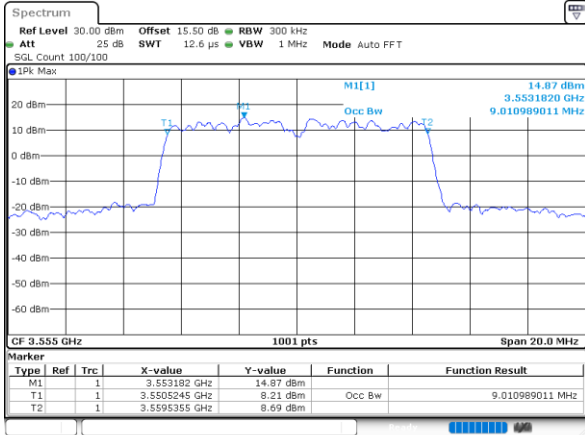


Date: 27_DEC.2020 06:09:41



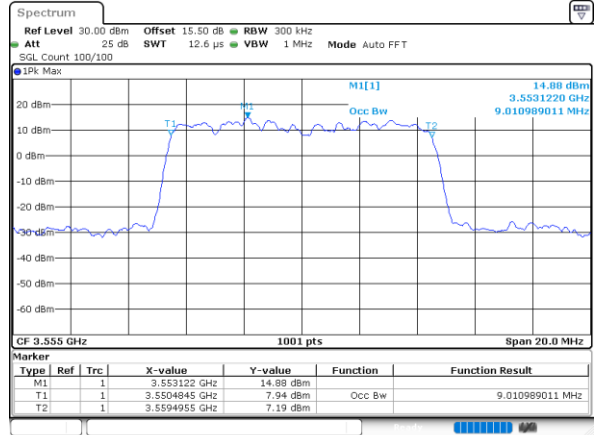
LTE Band 48

Lowest Channel / 10MHz / QPSK



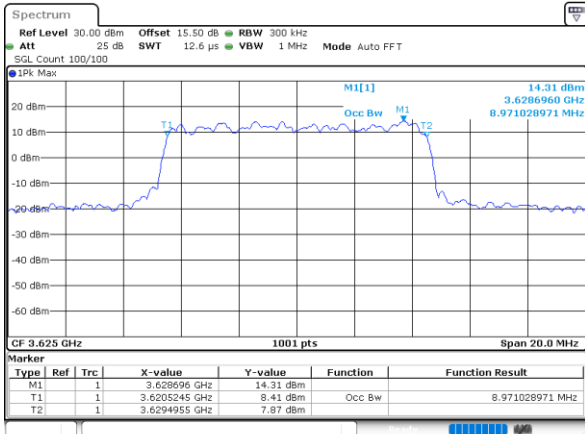
Date: 27 DEC 2020 06:00:06

Lowest Channel / 10MHz / 16QAM



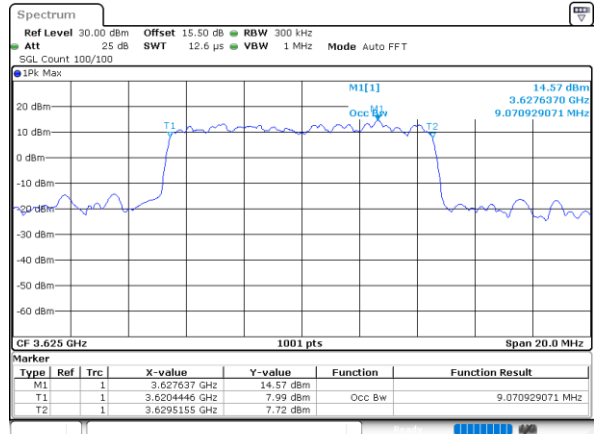
Date: 27 DEC 2020 06:00:34

Middle Channel / 10MHz / QPSK



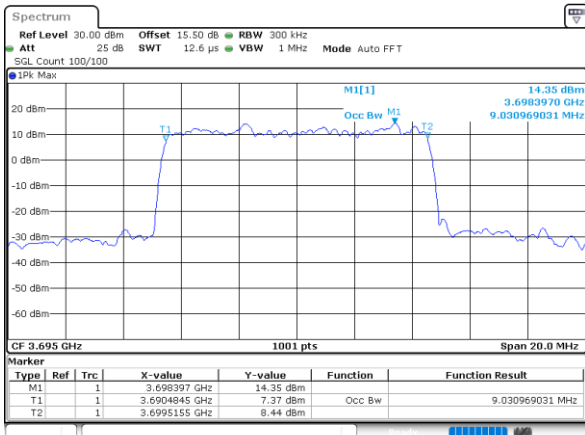
Date: 27 DEC 2020 05:59:36

Middle Channel / 10MHz / 16QAM



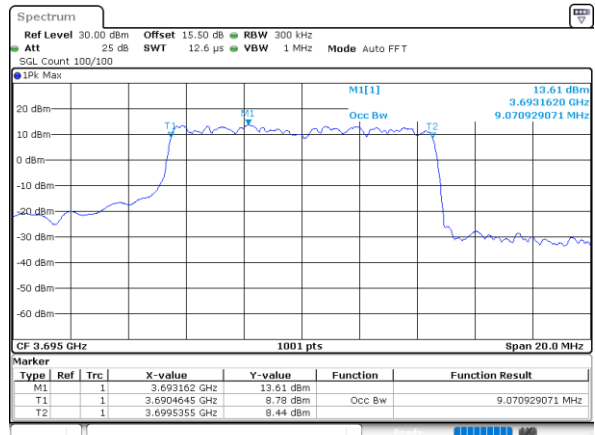
Date: 27 DEC 2020 05:59:14

Highest Channel / 10MHz / QPSK



Date: 27 DEC 2020 05:57:30

Highest Channel / 10MHz / 16QAM

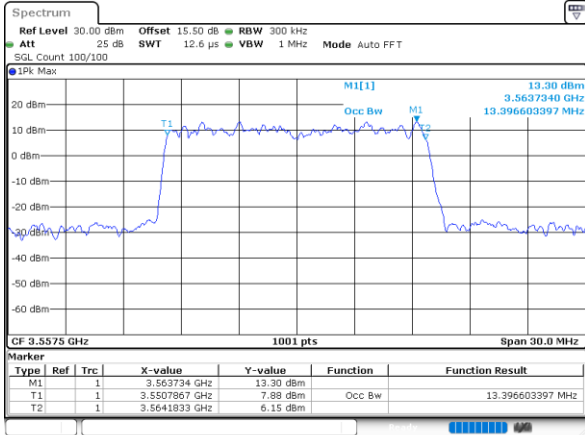


Date: 27 DEC 2020 05:57:57



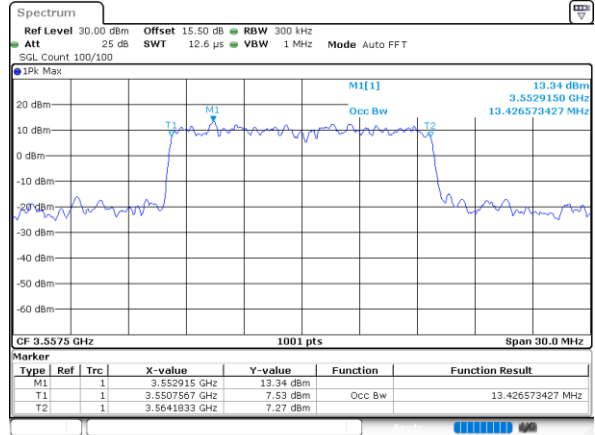
LTE Band 48

Lowest Channel / 15MHz / QPSK



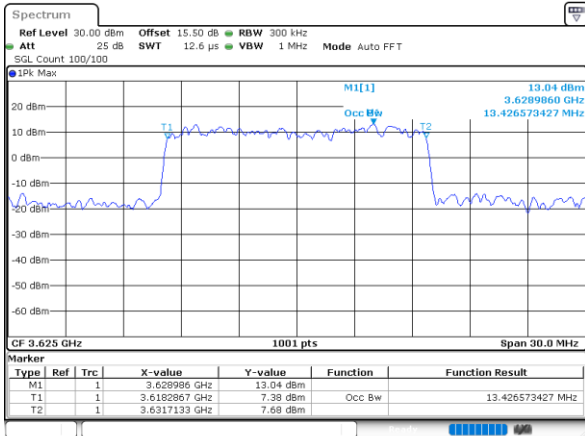
Date: 27_DEC.2020 05:26:37

Lowest Channel / 15MHz / 16QAM



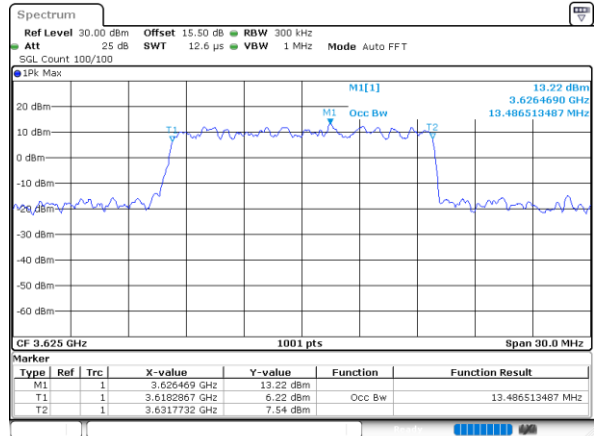
Date: 27_DEC.2020 05:27:05

Middle Channel / 15MHz / QPSK



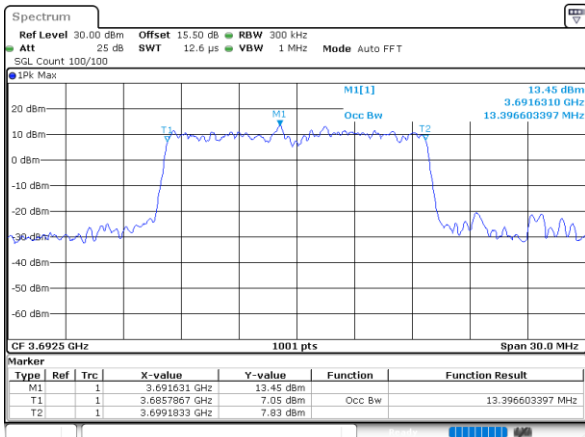
Date: 27_DEC.2020 05:28:07

Middle Channel / 15MHz / 16QAM



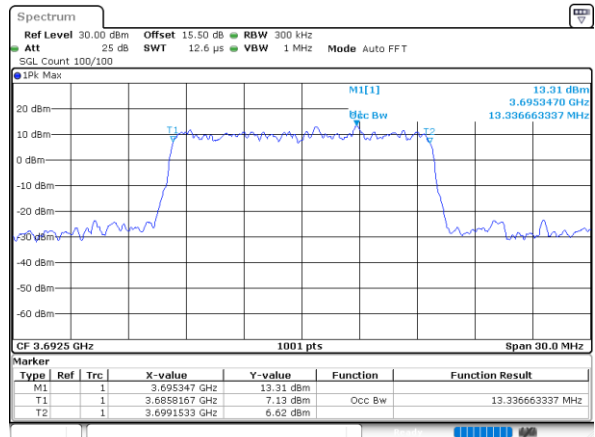
Date: 27_DEC.2020 05:28:26

Highest Channel / 15MHz / QPSK



Date: 27_DEC.2020 05:30:08

Highest Channel / 15MHz / 16QAM

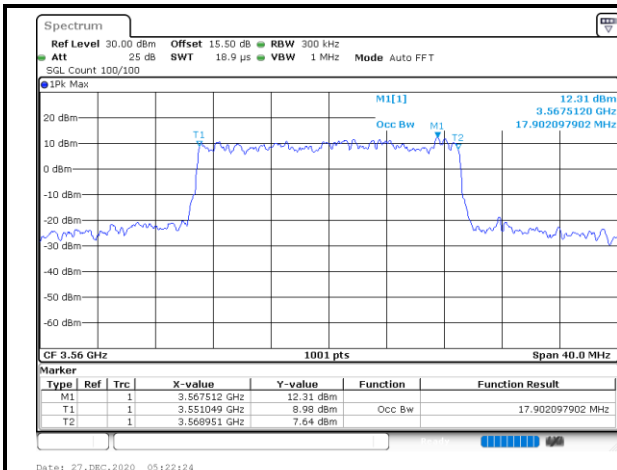


Date: 27_DEC.2020 05:30:25

LTE Band 48

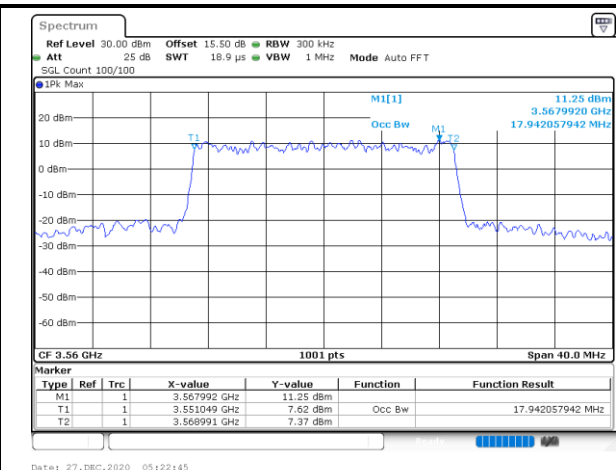
Lowest Channel / 20MHz / QPSK

Lowest Channel / 20MHz / 16QAM



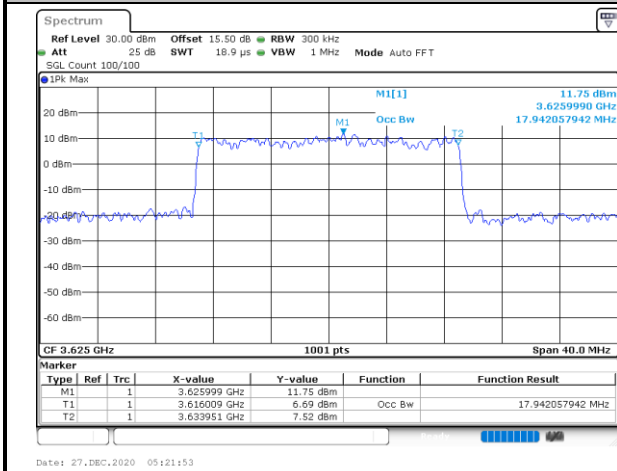
Date: 27 DEC 2020 05:22:24

Middle Channel / 20MHz / QPSK



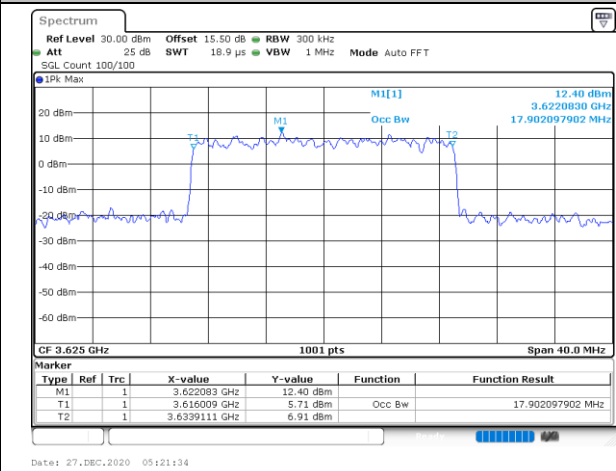
Date: 27 DEC 2020 05:22:45

Middle Channel / 20MHz / 16QAM



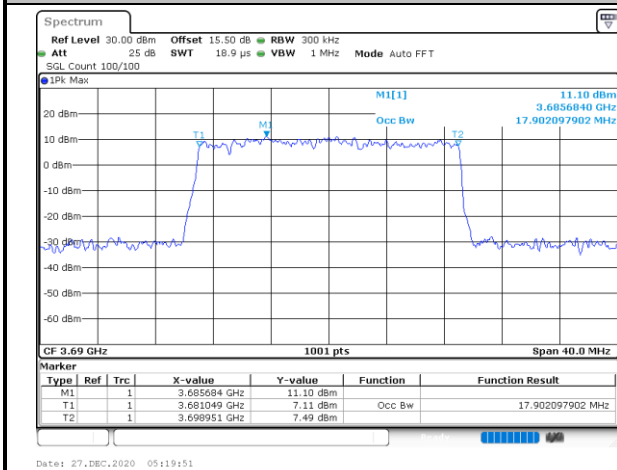
Date: 27 DEC 2020 05:21:53

Highest Channel / 20MHz / QPSK

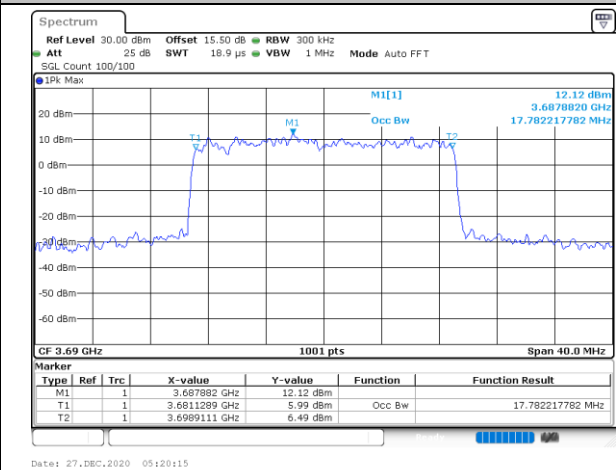


Date: 27 DEC 2020 05:21:34

Highest Channel / 20MHz / 16QAM



Date: 27 DEC 2020 05:19:51

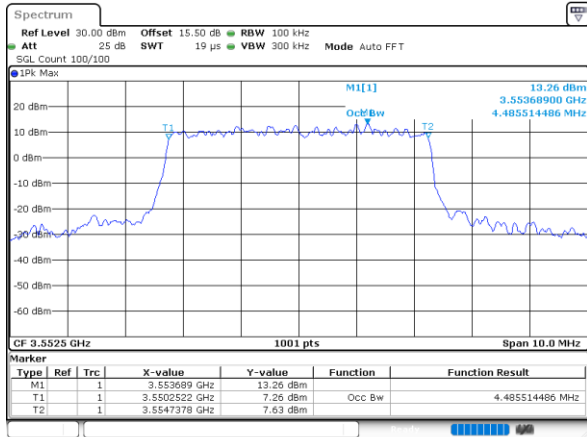


Date: 27 DEC 2020 05:20:15



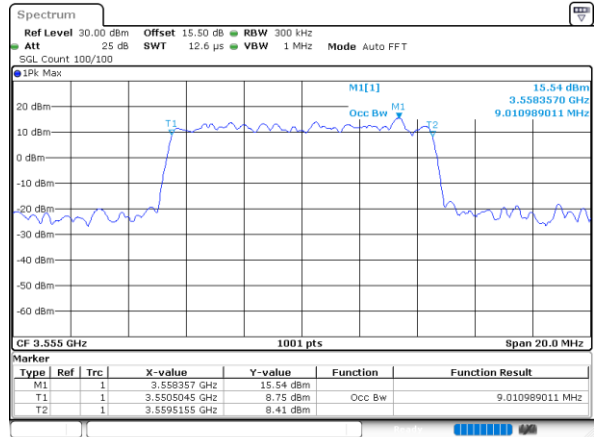
LTE Band 48

Lowest Channel / 5MHz / 64QAM



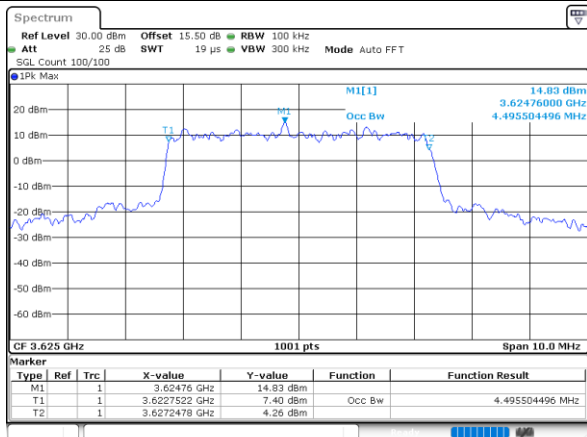
Date: 27_DEC.2020 06:07:21

Lowest Channel / 10MHz / 64QAM



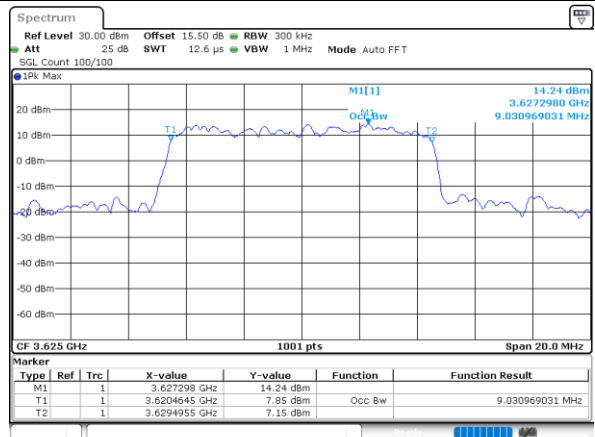
Date: 27_DEC.2020 06:01:04

Middle Channel / 5MHz / 64QAM



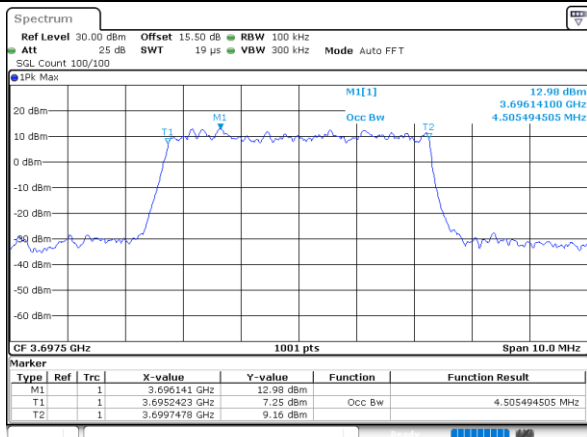
Date: 27_DEC.2020 06:08:15

Middle Channel / 10MHz / 64QAM



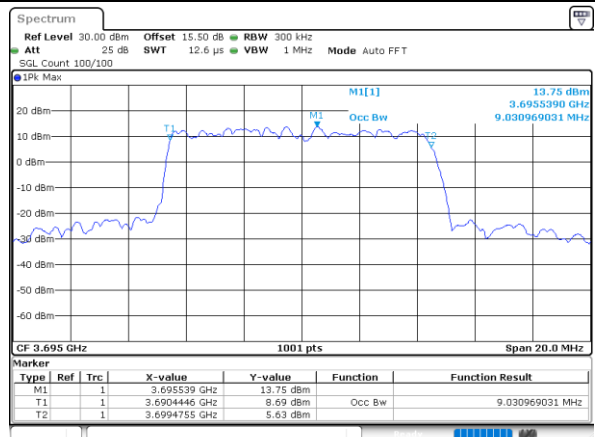
Date: 27_DEC.2020 05:58:49

Highest Channel / 5MHz / 64QAM



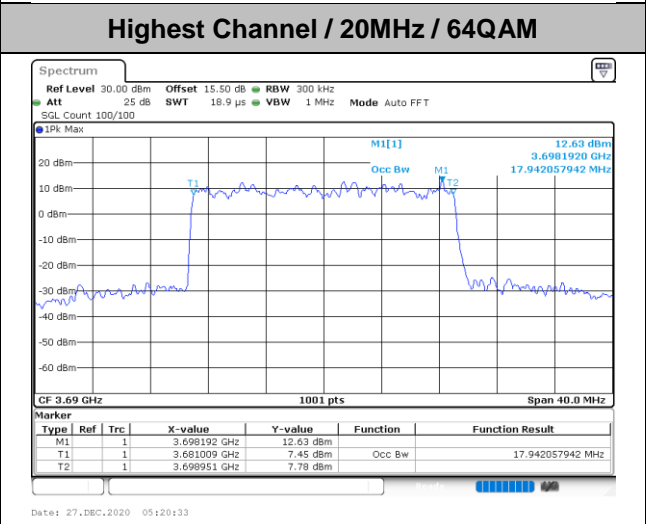
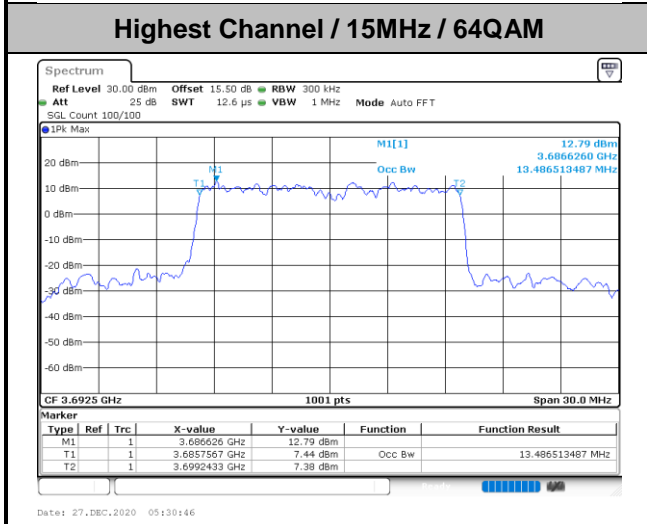
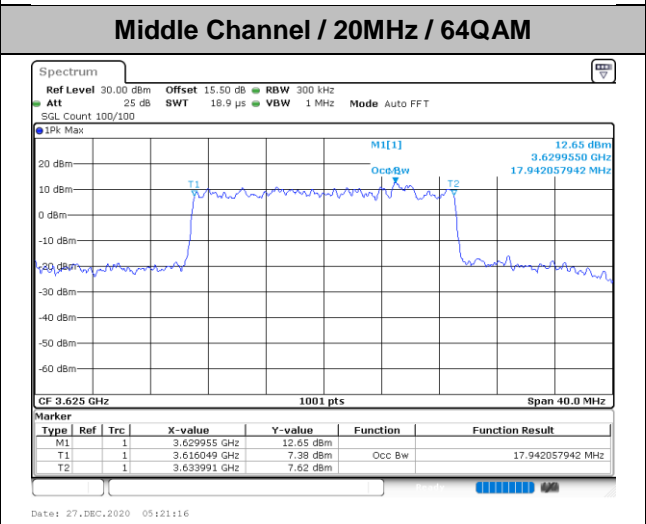
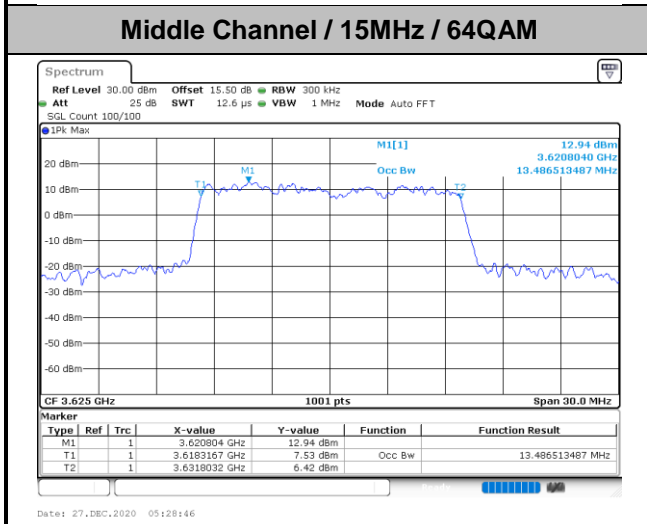
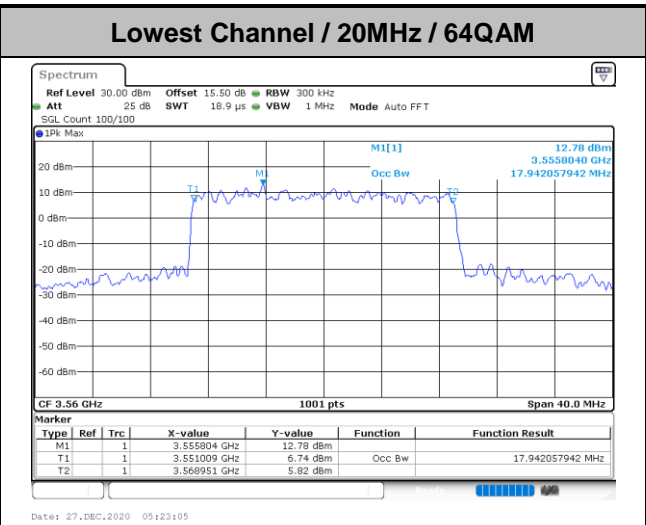
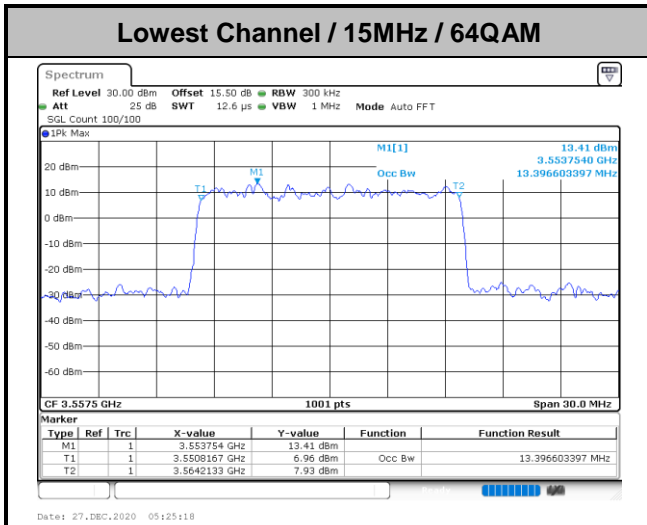
Date: 27_DEC.2020 06:10:08

Highest Channel / 10MHz / 64QAM



Date: 27_DEC.2020 05:58:17

LTE Band 48



Conducted Band Edge

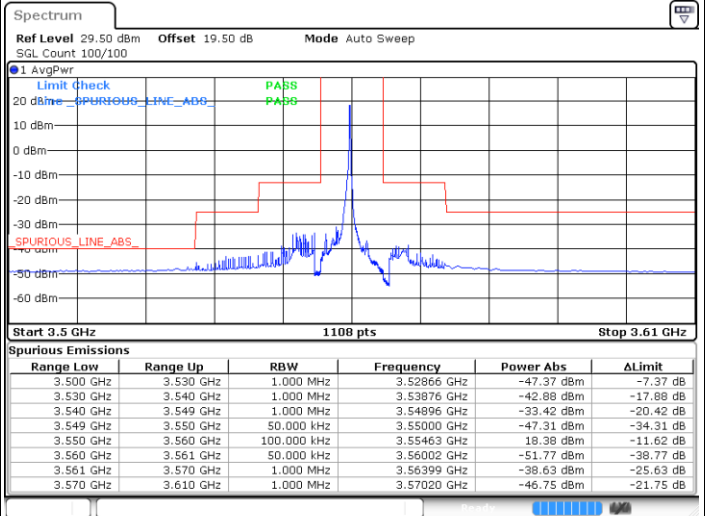
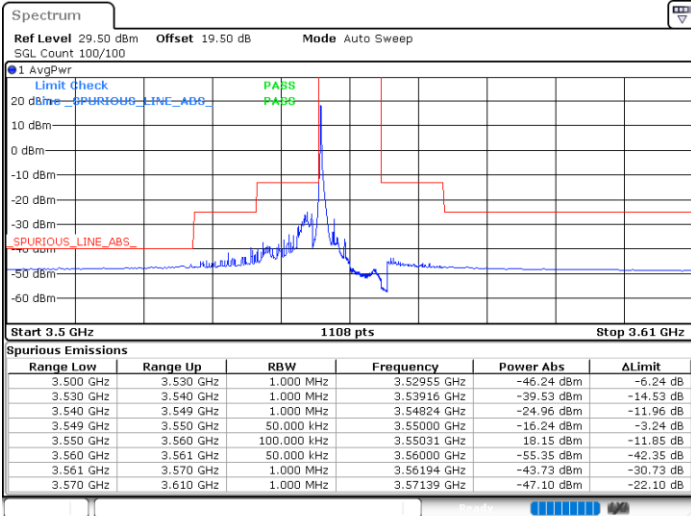
LTE Band 48 / 5MHz



QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

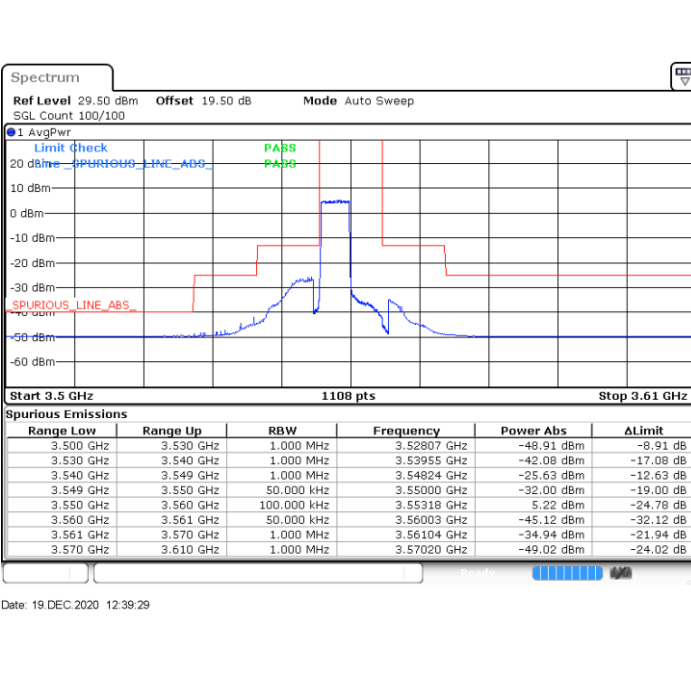


Date: 27.DEC.2020 19:34:52

Date: 19 DEC 2020 13:11:08

Lowest Channel / FullIRB

N/A



Date: 19 DEC 2020 12:39:29

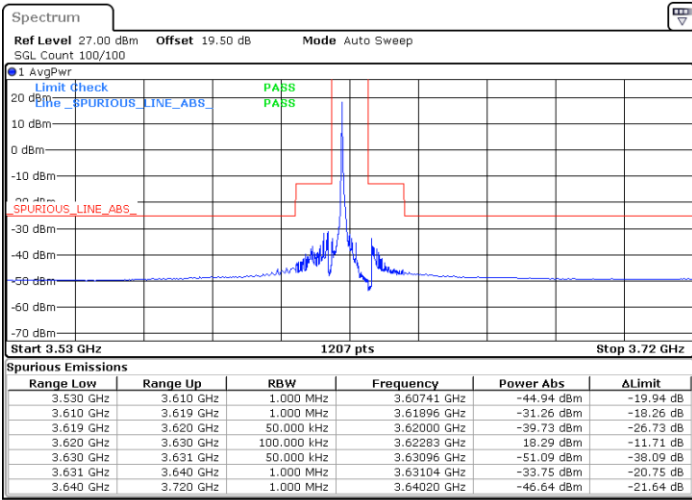


LTE Band 48 / 5MHz

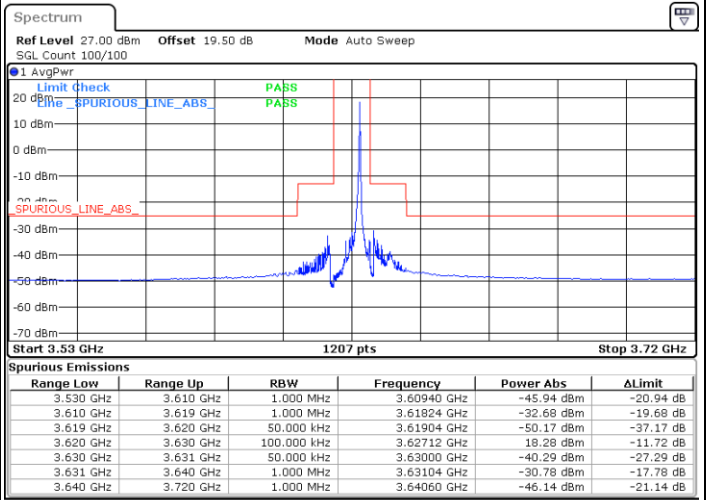
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



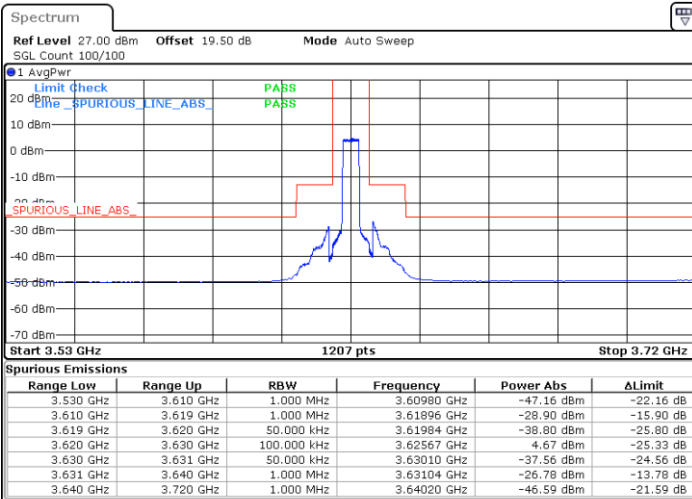
Date: 19 DEC 2020 13:50:28



Date: 19 DEC 2020 13:27:28

Middle Channel / FullIRB

N/A



Date: 19 DEC 2020 14:06:10

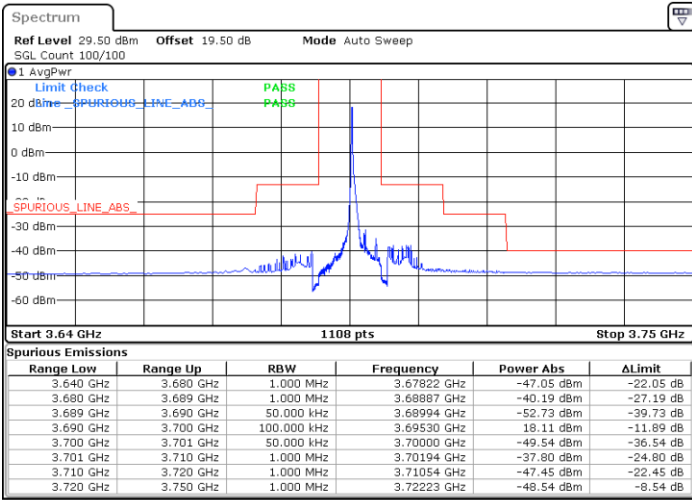


LTE Band 48 / 5MHz

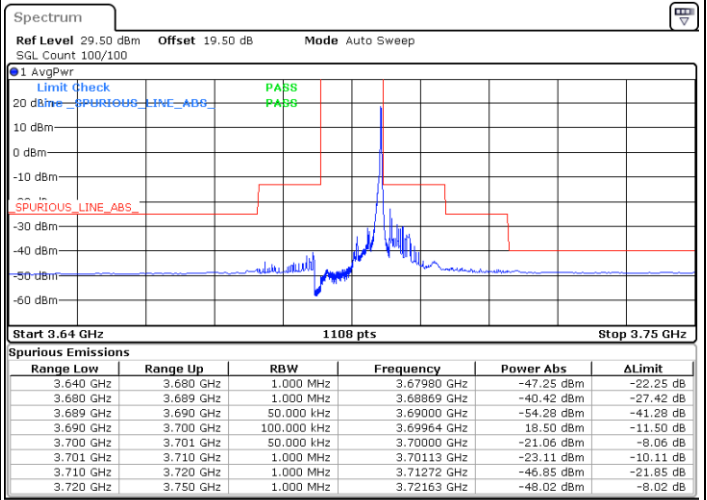
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



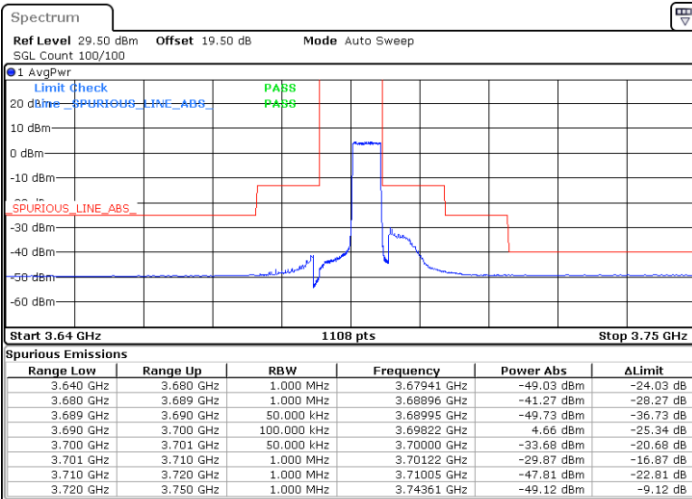
Date: 19 DEC 2020 14:22:37



Date: 19 DEC 2020 14:25:02

Highest Channel / FullIRB

N/A



Date: 19 DEC 2020 14:09:15

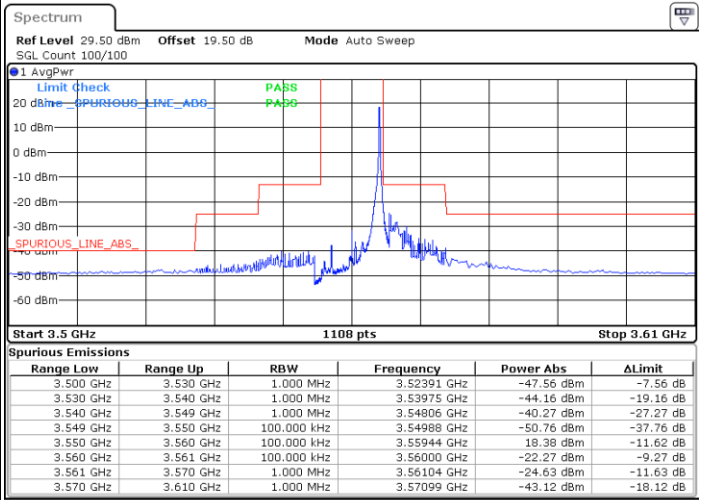
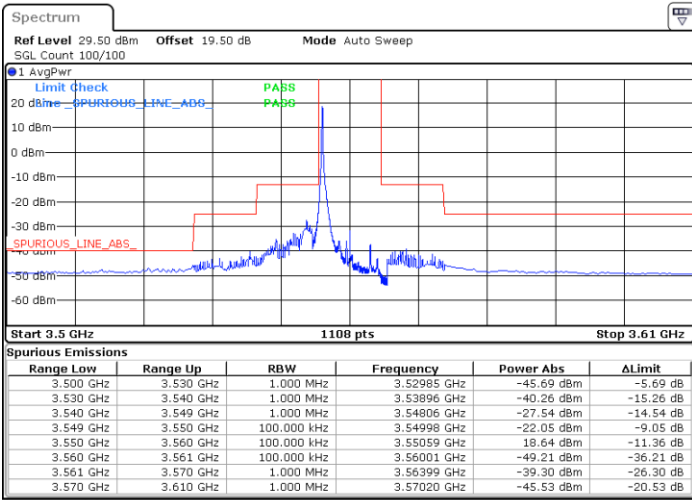


LTE Band 48 / 10MHz

QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

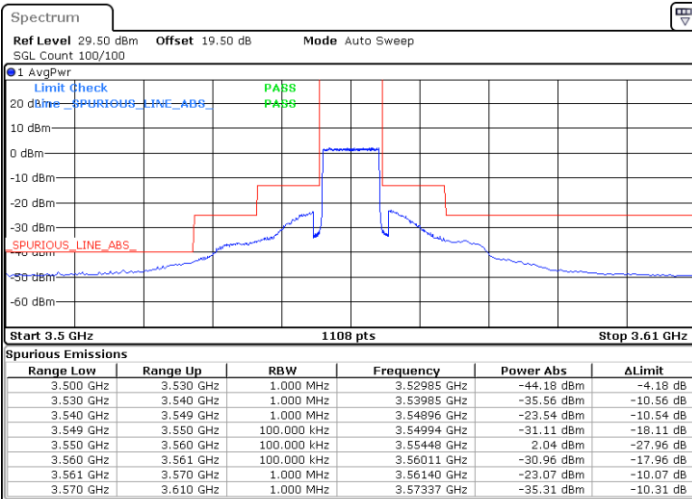


Date: 19 DEC 2020 15:04:38

Date: 19 DEC 2020 15:07:13

Lowest Channel / FullIRB

N/A



Date: 19 DEC 2020 14:34:21

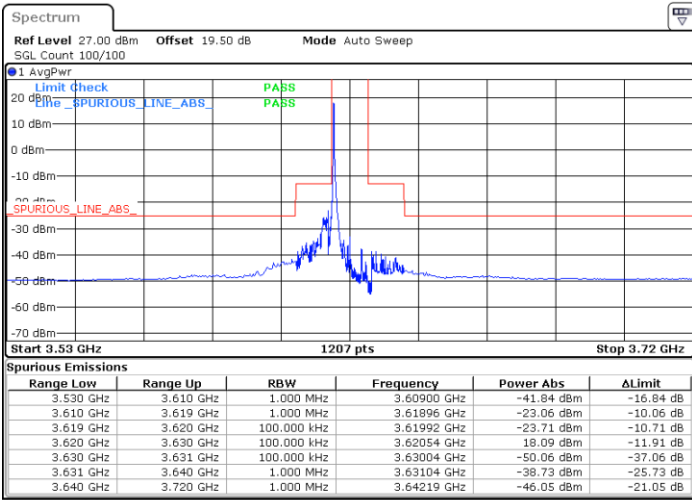


LTE Band 48 / 10MHz

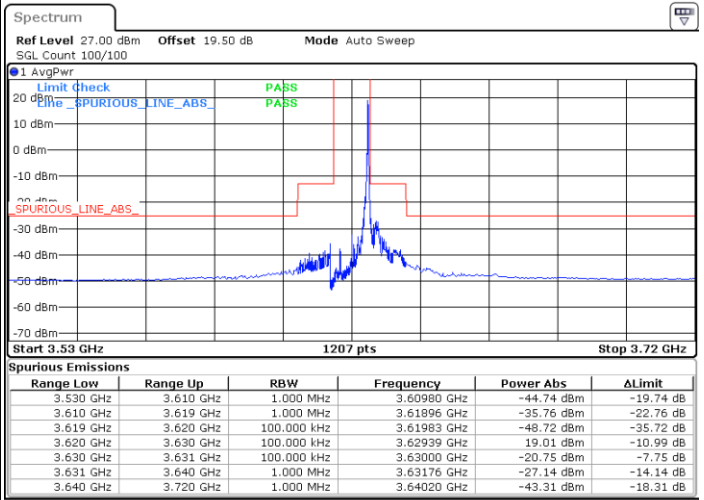
QPSK

MiddleChannel / 1RB0

Middle Channel / 1RBmax



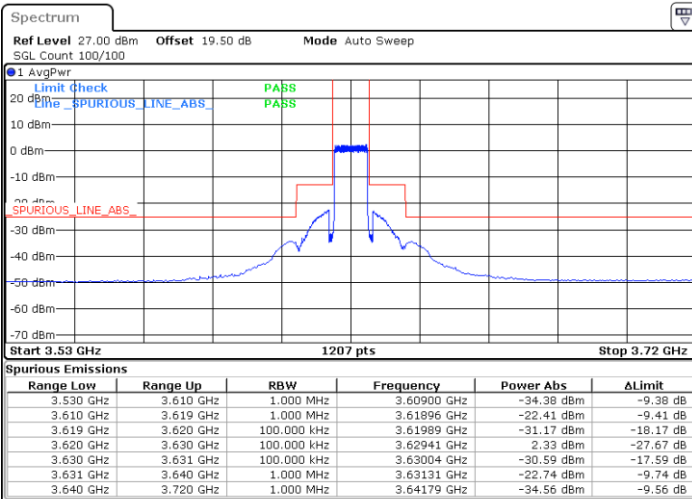
Date: 19 DEC 2020 16:02:40



Date: 19 DEC 2020 15:59:18

Middle Channel / FullIRB

N/A



Date: 19 DEC 2020 16:21:18

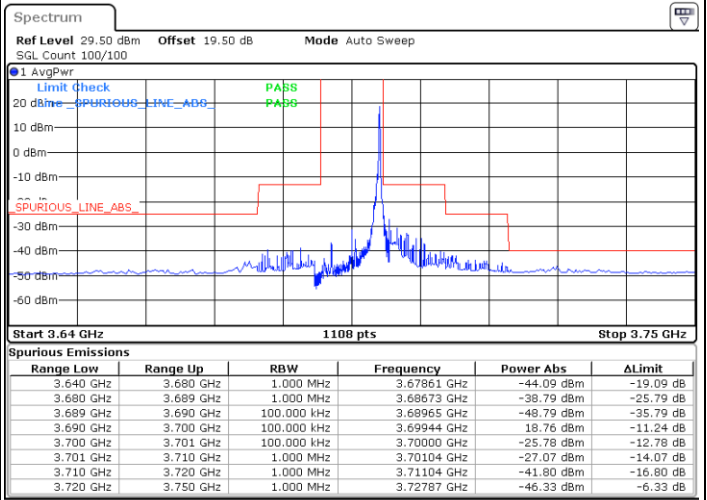
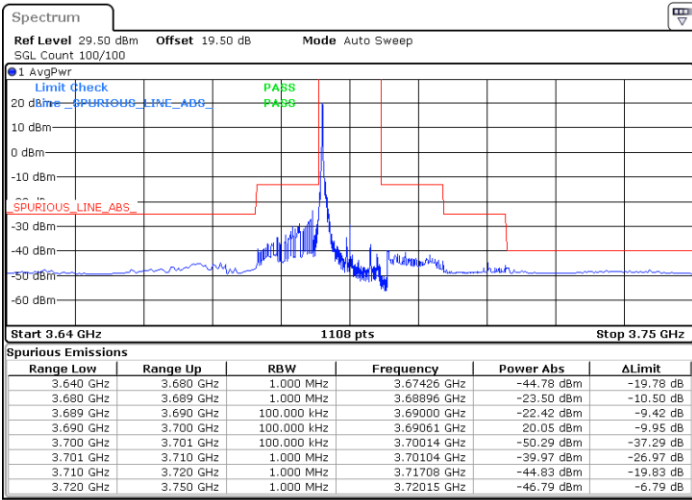


LTE Band 48 / 10MHz

QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

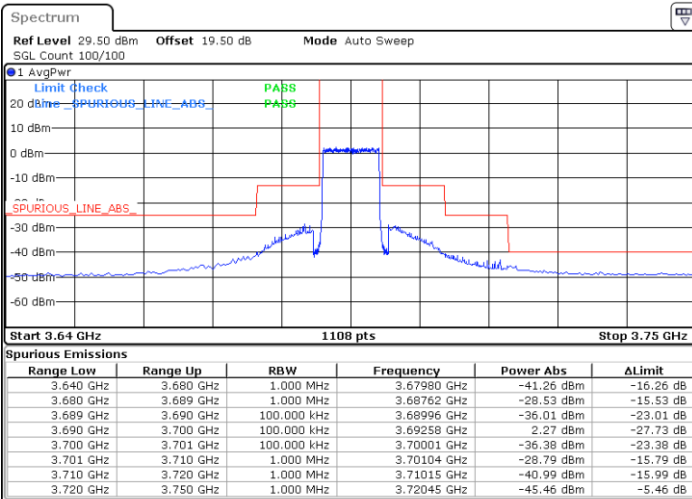


Date: 19 DEC 2020 16:45:50

Date: 19 DEC 2020 16:49:21

Highest Channel / FullIRB

N/A



Date: 19 DEC 2020 16:31:35

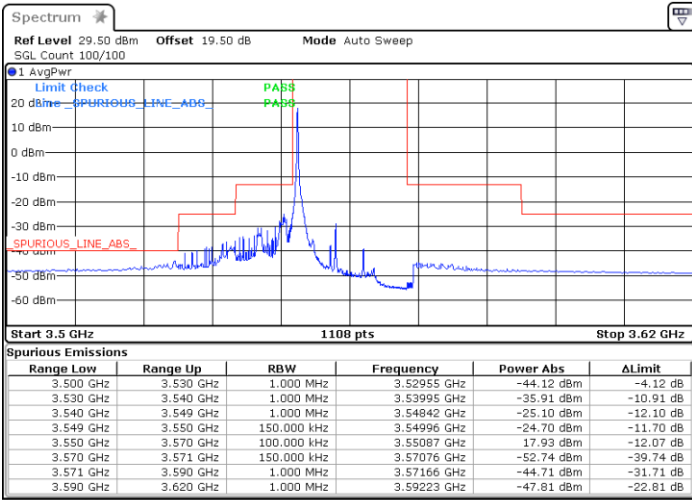


LTE Band 48 / 15MHz

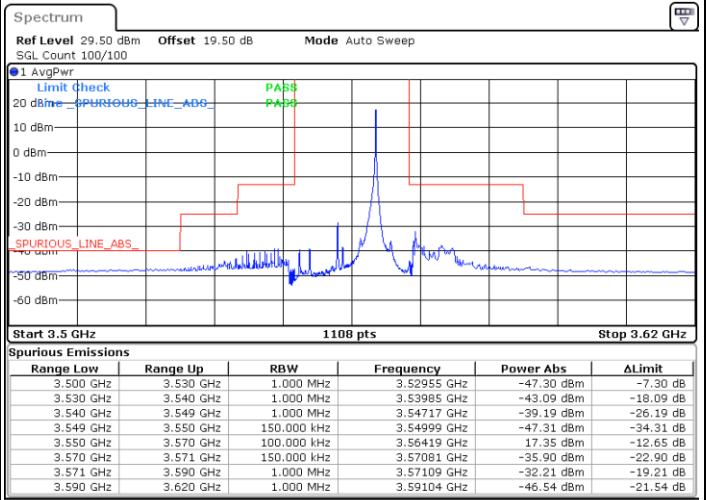
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



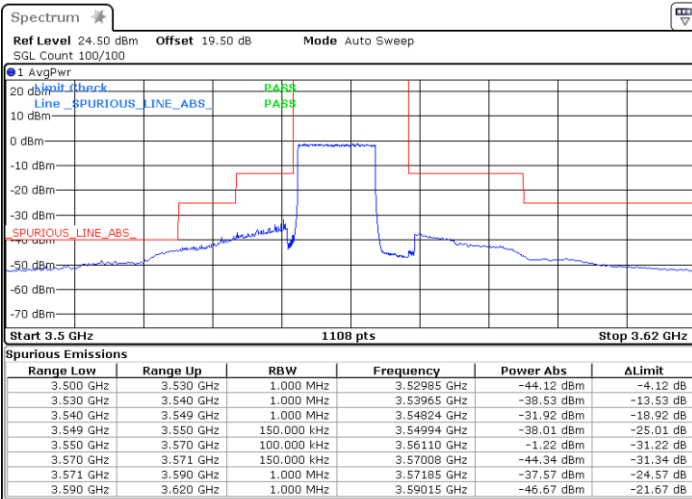
Date: 26.DEC.2020 21:53:35



Date: 27.DEC.2020 01:48:29

Lowest Channel / FullIRB

N/A



Date: 2.FEB.2021 11:07:28

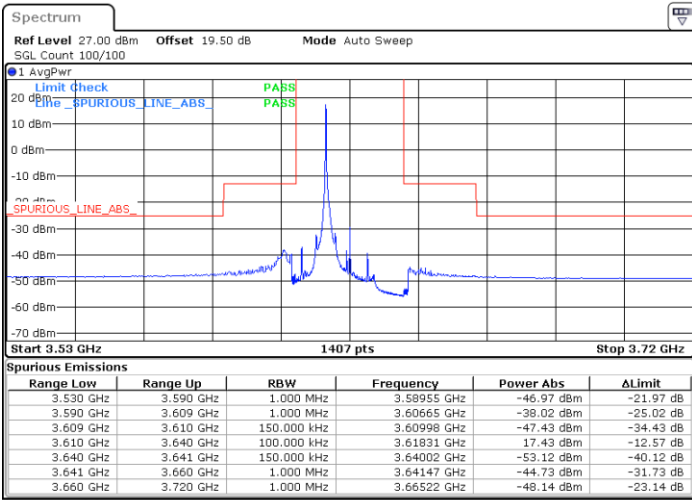


LTE Band 48 / 15MHz

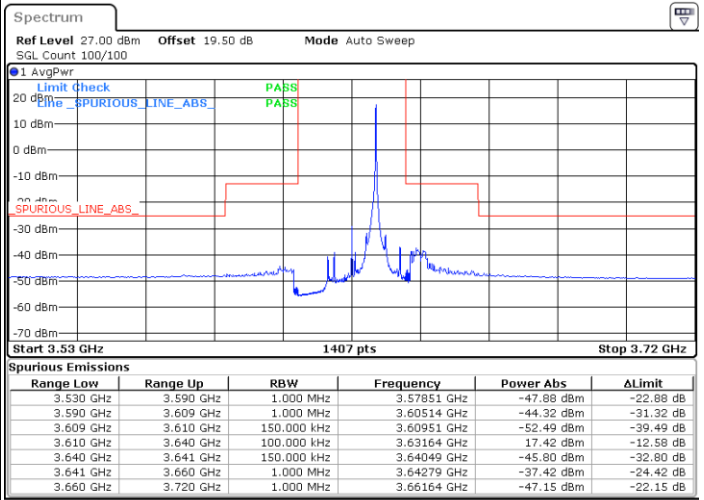
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



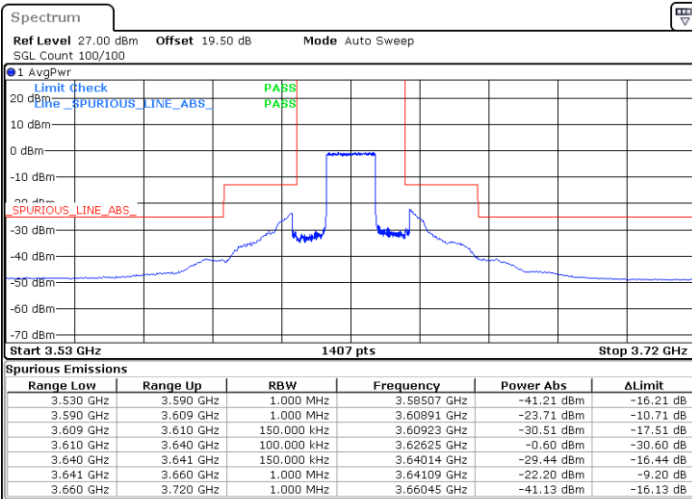
Date: 27.DEC.2020 01:12:47



Date: 27.DEC.2020 01:14:33

Middle Channel / FullIRB

N/A



Date: 27.DEC.2020 01:44:23

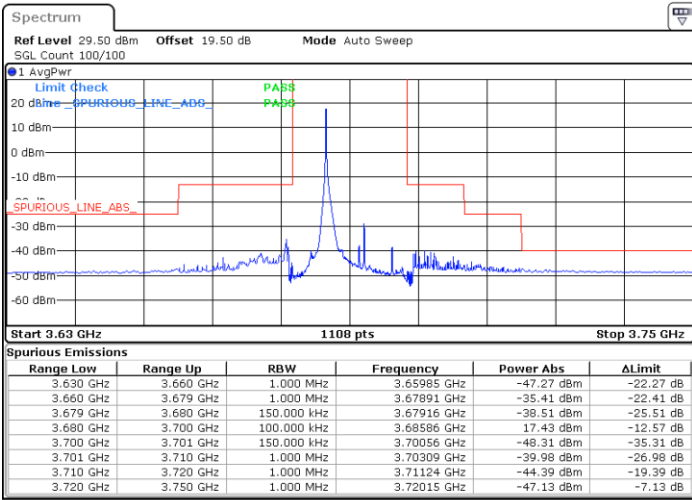


LTE Band 48 / 15MHz

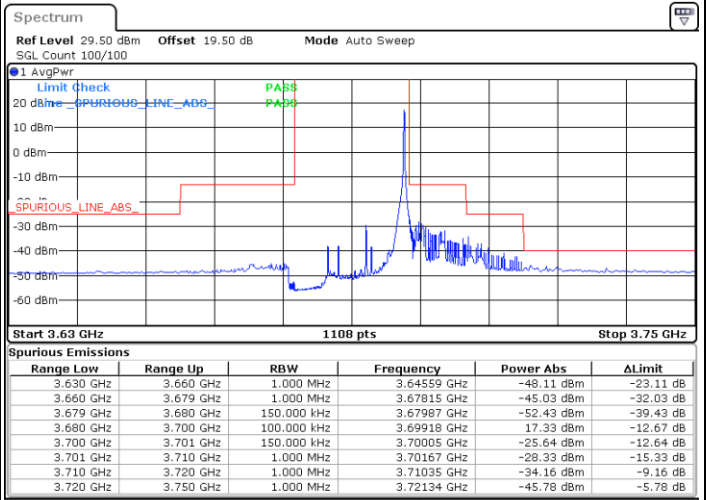
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



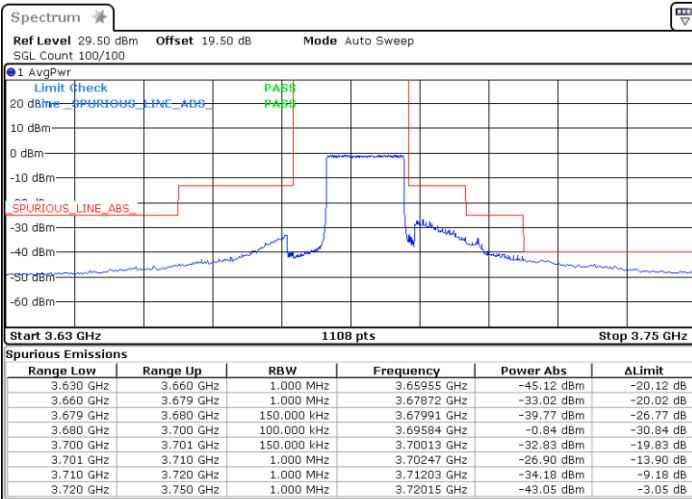
Date: 27.DEC.2020 01:02:26



Date: 27.DEC.2020 00:23:14

Highest Channel / FullIRB

N/A



Date: 26.DEC.2020 23:34:18