

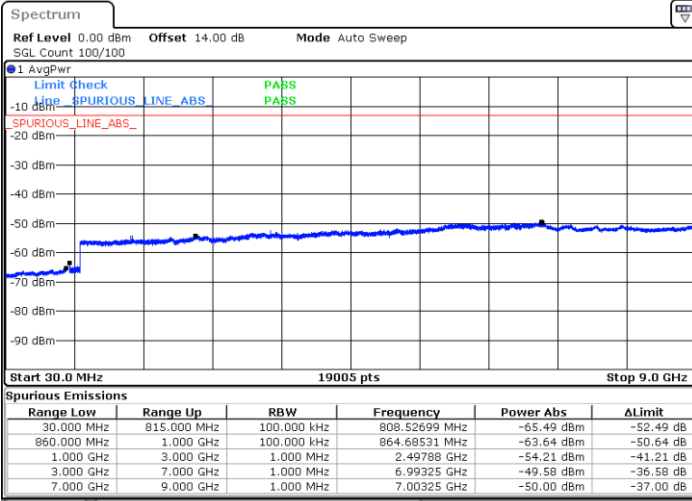


LTE Band 5B / 10MHz+10MHz

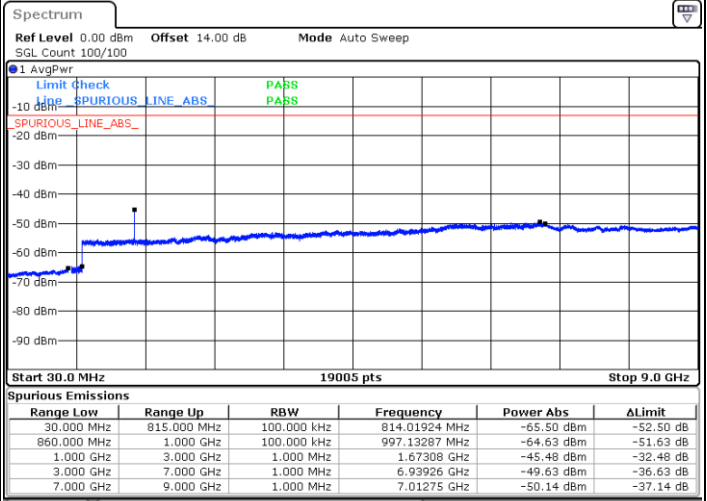
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



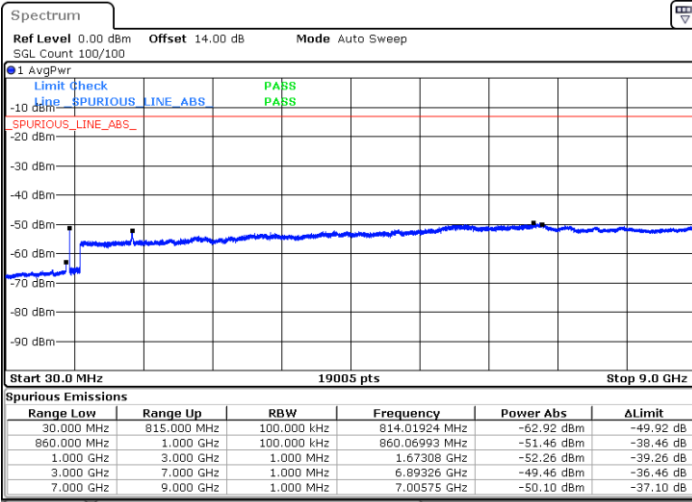
Date: 2.DEC.2022 10:24:02



Date: 2.DEC.2022 10:28:42

Middle Channel / FullIRB

N/A



Date: 2.DEC.2022 10:23:06

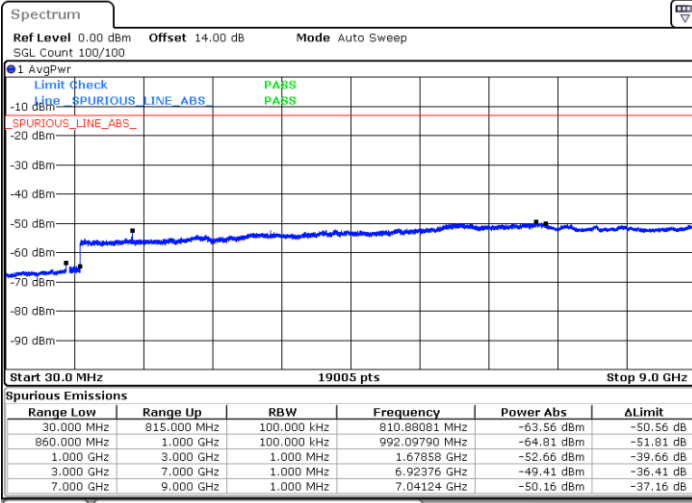


LTE Band 5B / 10MHz+10MHz

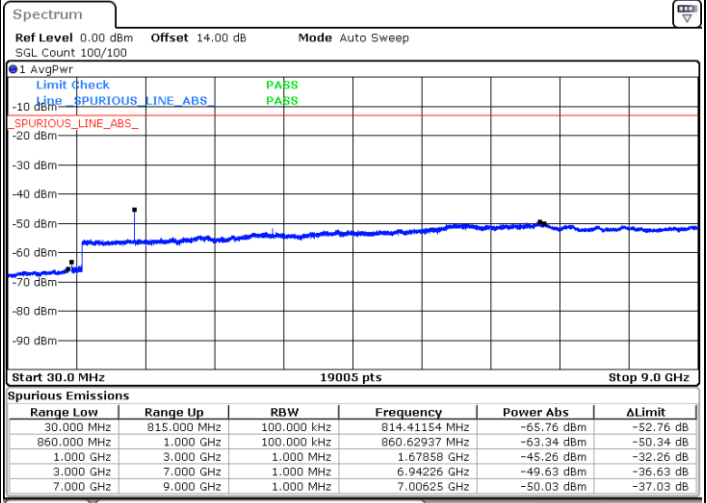
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



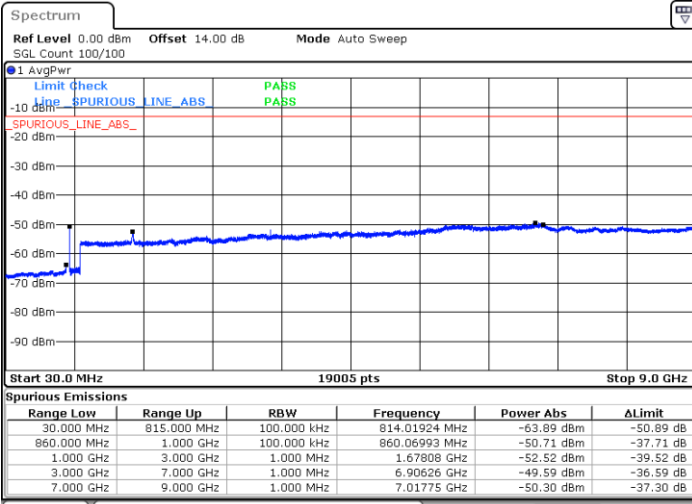
Date: 2.DEC.2022 10:53:53



Date: 2.DEC.2022 10:52:56

Highest Channel / FullIRB

N/A



Date: 2.DEC.2022 10:58:33



Frequency Stability

| Test Conditions | | LTE Band 5B (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|--------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz+10MHz | 2.5ppm |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0039 | PASS |
| 40 | Normal Voltage | 0.0017 | |
| 30 | Normal Voltage | 0.0002 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0008 | |
| 0 | Normal Voltage | 0.0006 | |
| -10 | Normal Voltage | 0.0030 | |
| -20 | Normal Voltage | 0.0018 | |
| -30 | Normal Voltage | 0.0000 | |
| 20 | Maximum Voltage | 0.0038 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0012 | |

Note: Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



LTE Band 66B

26dB Bandwidth

| Mode | LTE Band 66B : 26dB BW(MHz) | | |
|------------|-----------------------------|-------------|------------|
| QPSK | | | |
| BW | 5MHz+5MHz | 5MHz+10MHz | 5MHz+15MHz |
| Lowest CH | 10.01 | 14.69 | 19.14 |
| Middle CH | 10.29 | 14.63 | 19.22 |
| Highest CH | 10.07 | 14.72 | 19.10 |
| BW | 10MHz+5MHz | 10MHz+10MHz | 15MHz+5MHz |
| Lowest CH | 14.63 | 19.86 | 19.10 |
| Middle CH | 14.69 | 19.90 | 18.98 |
| Highest CH | 14.78 | 19.74 | 19.18 |

| Mode | LTE Band 66B : 26dB BW(MHz) | | |
|------------|-----------------------------|-------------|------------|
| 16QAM | | | |
| BW | 5MHz+5MHz | 5MHz+10MHz | 5MHz+15MHz |
| Lowest CH | 10.17 | 14.69 | 18.98 |
| Middle CH | 10.03 | 14.84 | 19.46 |
| Highest CH | 9.95 | 14.63 | 19.22 |
| BW | 10MHz+5MHz | 10MHz+10MHz | 15MHz+5MHz |
| Lowest CH | 14.60 | 20.18 | 19.02 |
| Middle CH | 14.57 | 19.94 | 19.02 |
| Highest CH | 14.63 | 19.90 | 18.98 |

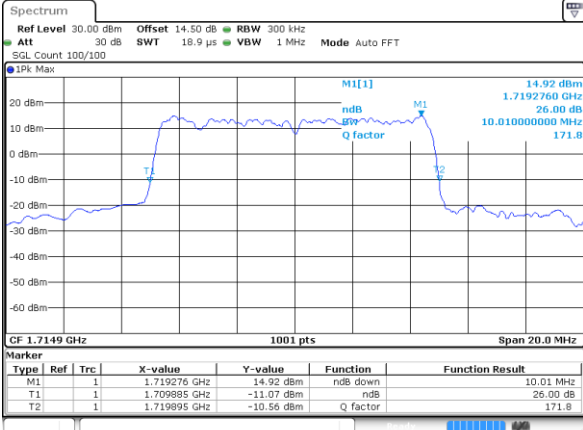
| Mode | LTE Band 66B : 26dB BW(MHz) | | |
|------------|-----------------------------|-------------|------------|
| 64QAM | | | |
| BW | 5MHz+5MHz | 5MHz+10MHz | 5MHz+15MHz |
| Lowest CH | 9.99 | 14.78 | 19.26 |
| Middle CH | 10.17 | 14.78 | 19.06 |
| Highest CH | 10.07 | 14.72 | 19.46 |
| BW | 10MHz+5MHz | 10MHz+10MHz | 15MHz+5MHz |
| Lowest CH | 14.60 | 20.02 | 18.98 |
| Middle CH | 14.66 | 19.78 | 19.14 |
| Highest CH | 14.60 | 19.90 | 19.18 |



LTE Band 66B

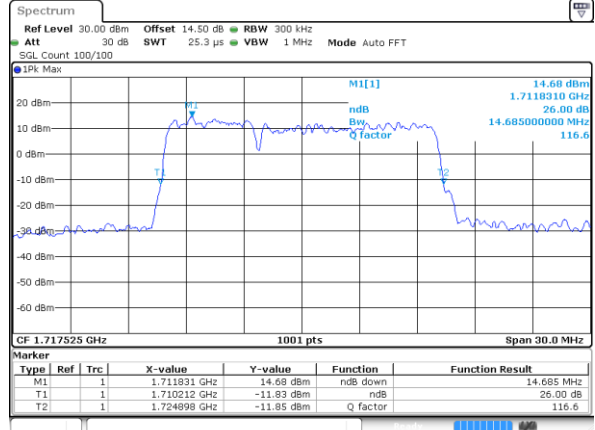
QPSK

Lowest Channel / 5MHz+5MHz



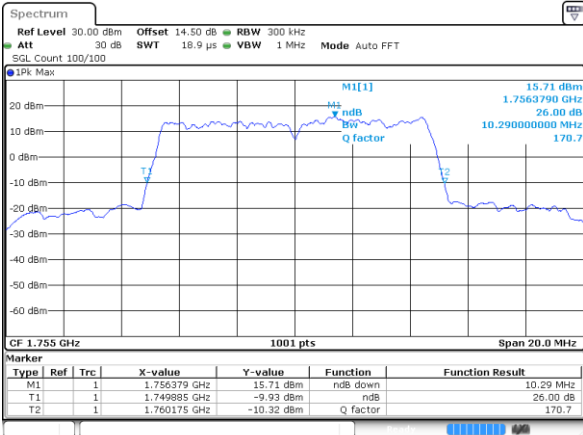
Date: 21 DEC 2022 20:39:09

Lowest Channel / 5MHz+10MHz



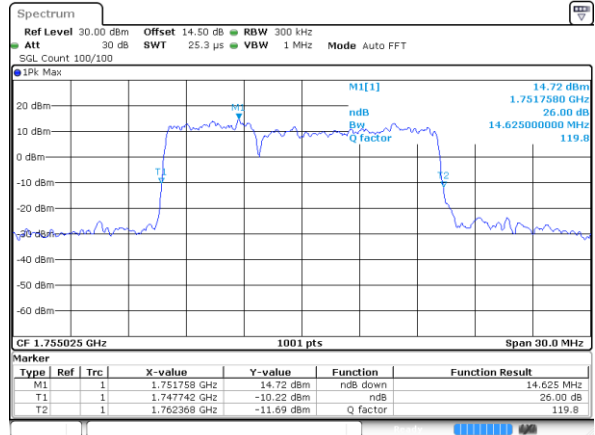
Date: 21 DEC 2022 00:39:21

Middle Channel / 5MHz+5MHz



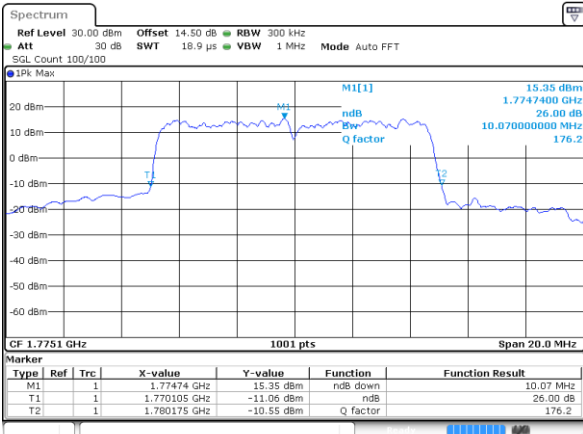
Date: 21 DEC 2022 21:02:18

Middle Channel / 5MHz+10MHz



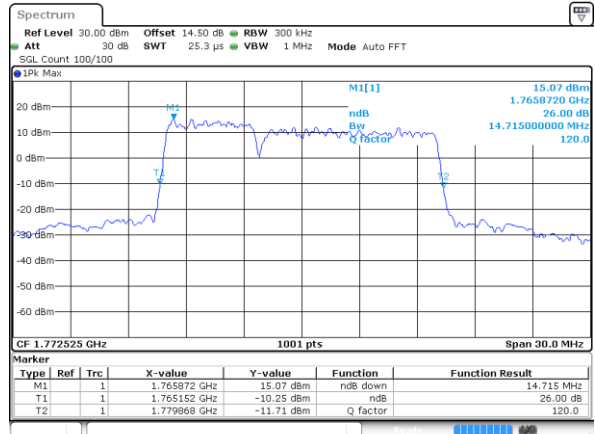
Date: 21 DEC 2022 01:13:32

Highest Channel / 5MHz+5MHz



Date: 21 DEC 2022 21:17:34

Highest Channel / 5MHz+10MHz



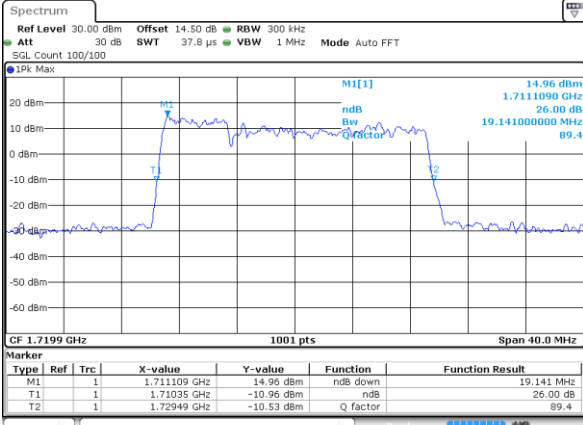
Date: 21 DEC 2022 01:24:29



LTE Band 66B

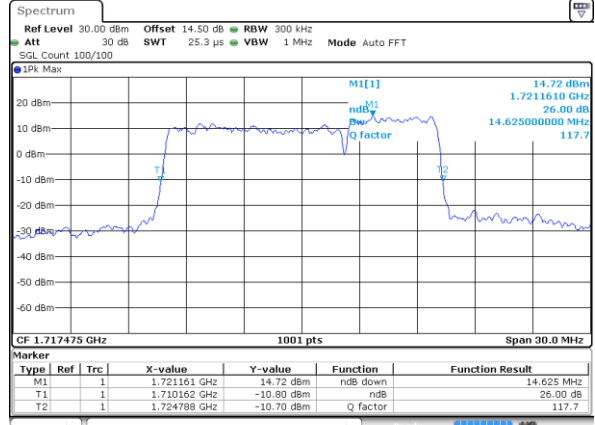
QPSK

Lowest Channel / 5MHz+15MHz



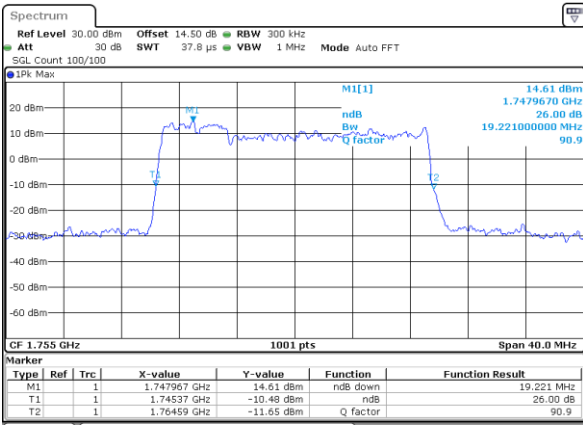
Date: 21 DEC 2022 21:43:05

Lowest Channel / 10MHz+5MHz



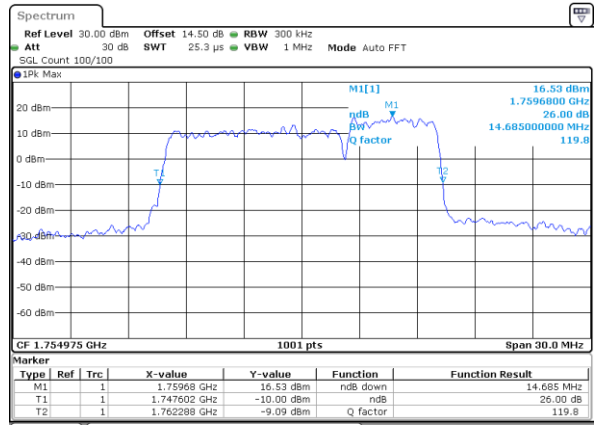
Date: 21 DEC 2022 19:16:47

Middle Channel / 5MHz+15MHz



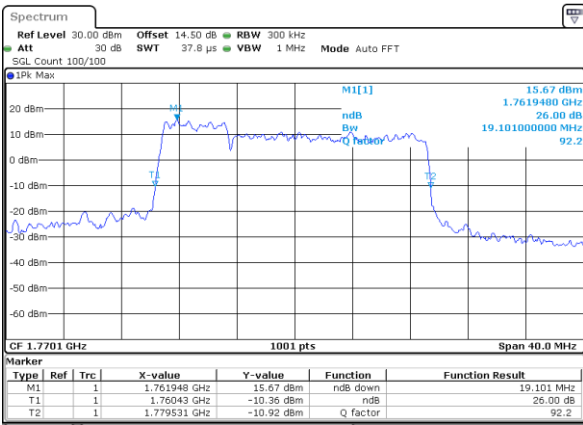
Date: 21 DEC 2022 22:08:25

Middle Channel / 10MHz+5MHz



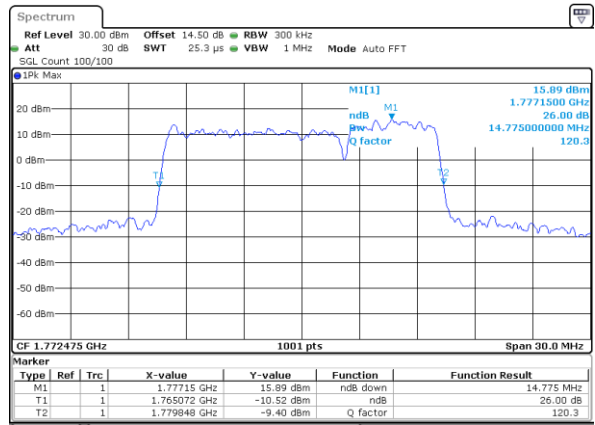
Date: 21 DEC 2022 19:53:44

Highest Channel / 5MHz+15MHz



Date: 21 DEC 2022 22:19:23

Highest Channel / 10MHz+5MHz



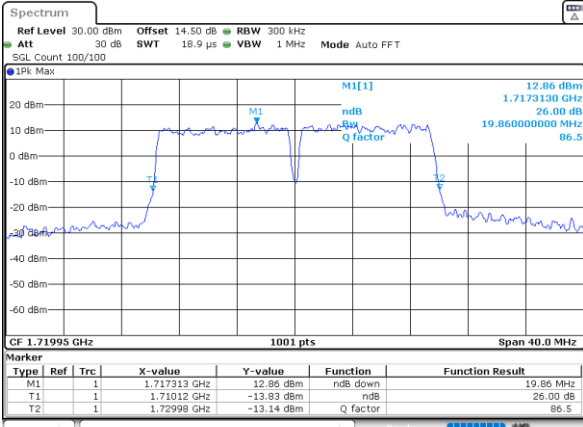
Date: 21 DEC 2022 20:14:04



LTE Band 66B

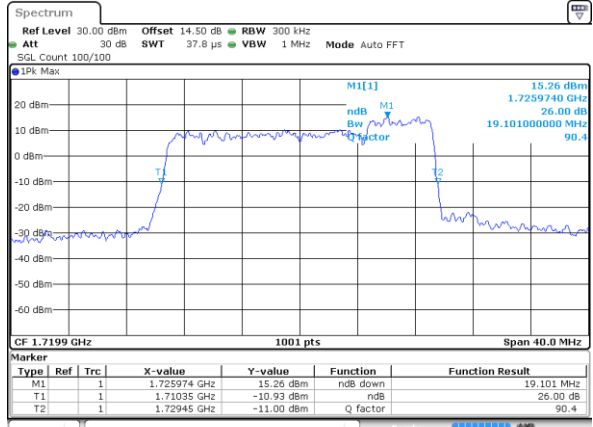
QPSK

Lowest Channel / 10MHz+10MHz



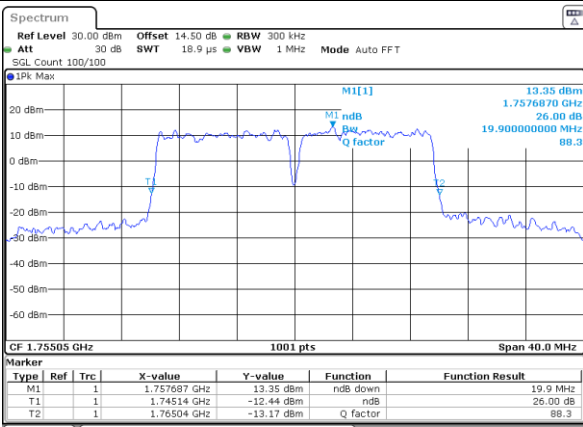
Date: 27 DEC 2022 23:51:52

Lowest Channel / 15MHz+5MHz



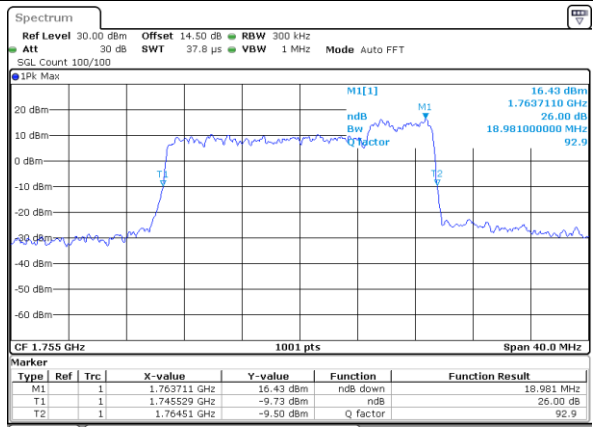
Date: 21 DEC 2022 22:46:34

Middle Channel / 10MHz+10MHz



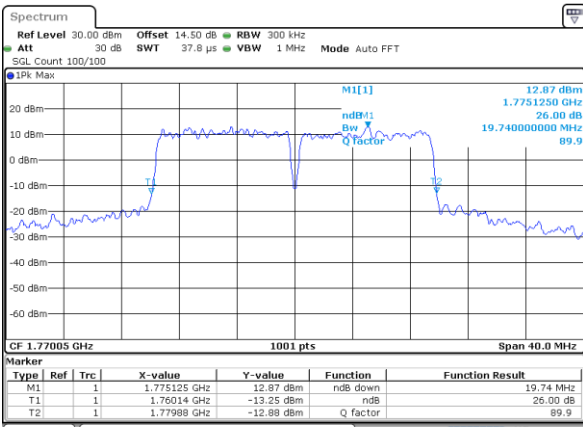
Date: 28 DEC 2022 00:06:15

Middle Channel / 15MHz+5MHz



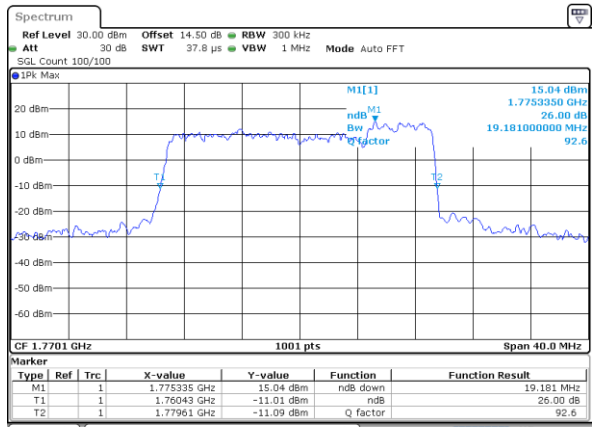
Date: 21 DEC 2022 23:18:56

Highest Channel / 10MHz+10MHz



Date: 21 DEC 2022 17:53:50

Highest Channel / 15MHz+5MHz



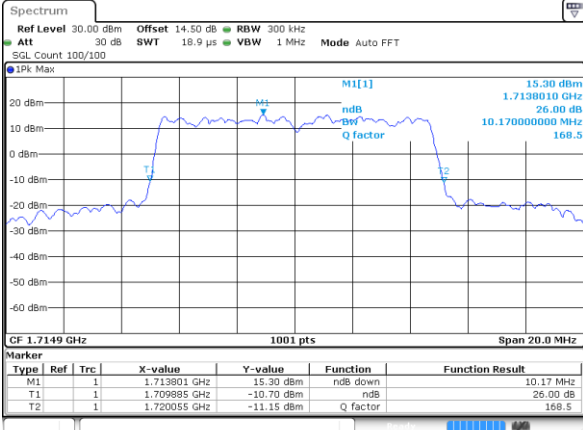
Date: 21 DEC 2022 23:29:54



LTE Band 66B

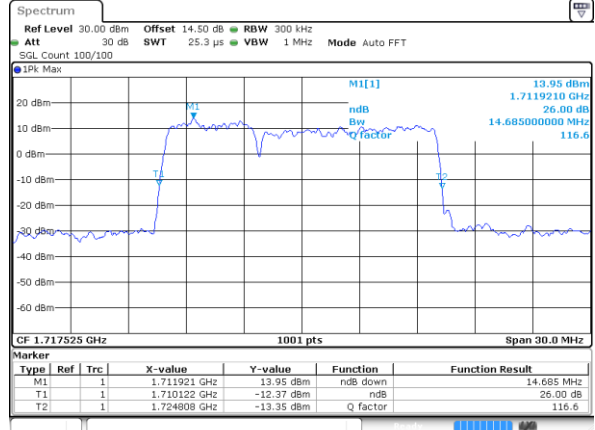
16QAM

Lowest Channel / 5MHz+5MHz



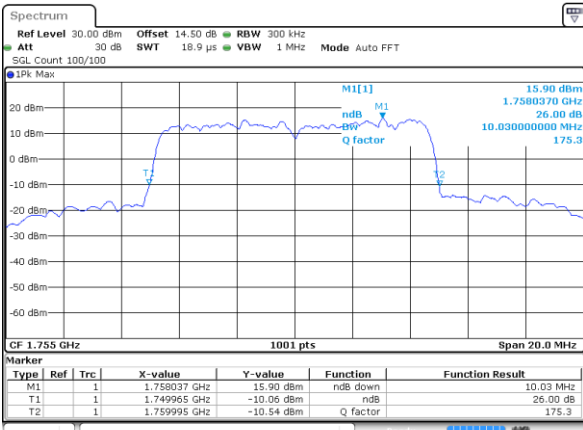
Date: 21 DEC 2022 20:38:39

Lowest Channel / 5MHz+10MHz



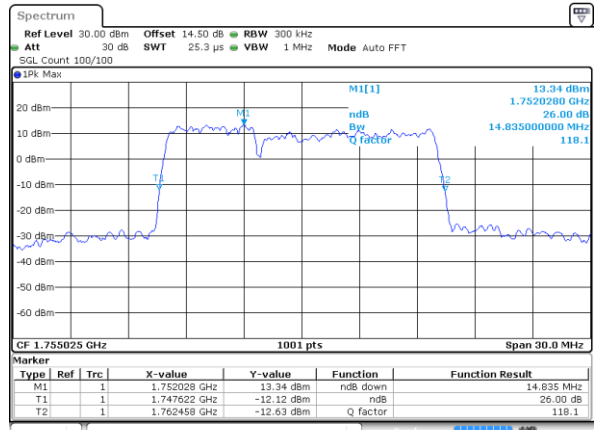
Date: 21 DEC 2022 00:38:51

Middle Channel / 5MHz+5MHz



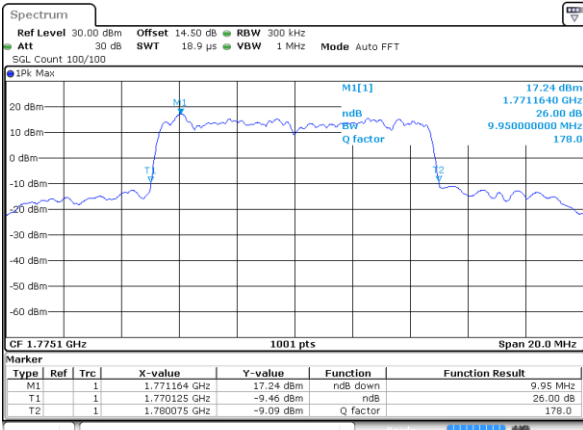
Date: 21 DEC 2022 21:01:48

Middle Channel / 5MHz+10MHz



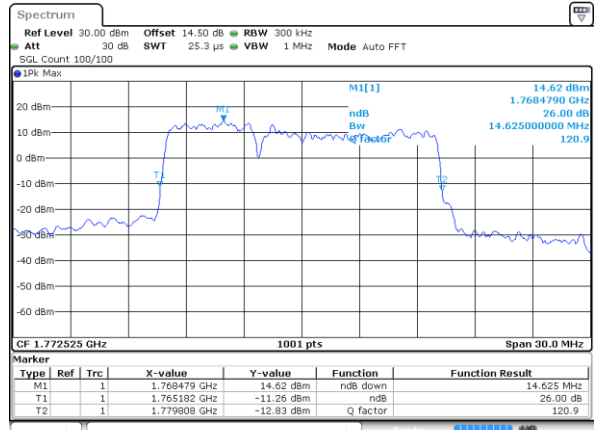
Date: 21 DEC 2022 01:13:02

Highest Channel / 5MHz+5MHz



Date: 21 DEC 2022 21:18:04

Highest Channel / 5MHz+10MHz



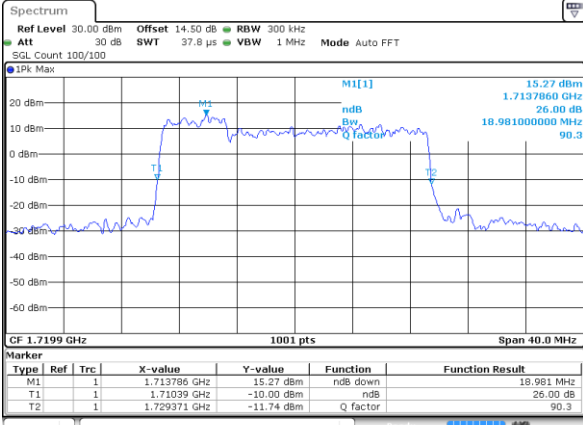
Date: 21 DEC 2022 01:24:59



LTE Band 66B

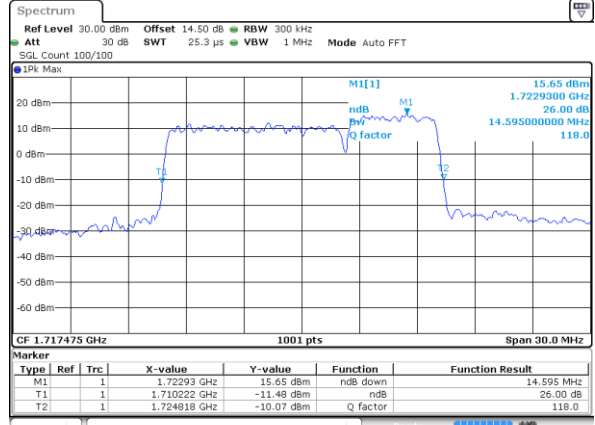
16QAM

Lowest Channel / 5MHz+15MHz



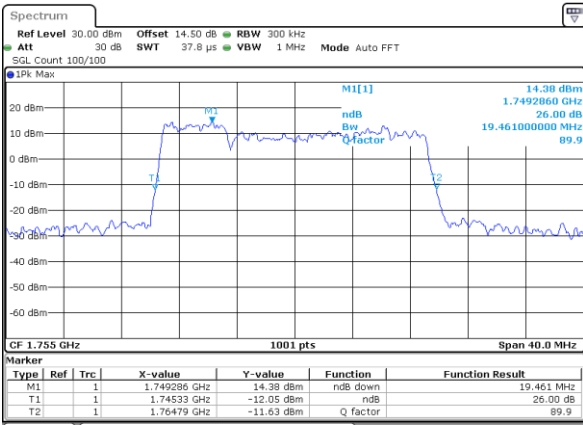
Date: 21 DEC 2022 21:42:35

Lowest Channel / 10MHz+5MHz



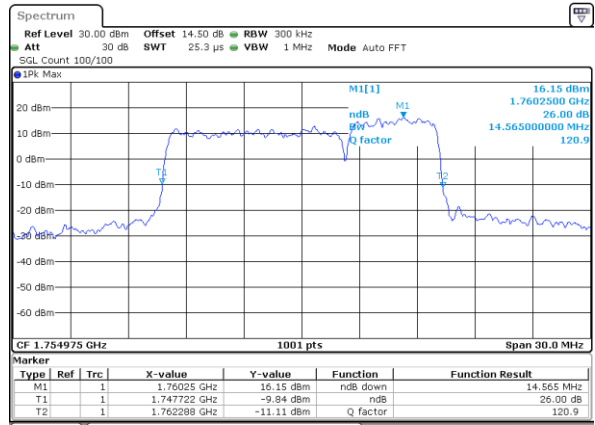
Date: 21 DEC 2022 19:16:17

Middle Channel / 5MHz+15MHz



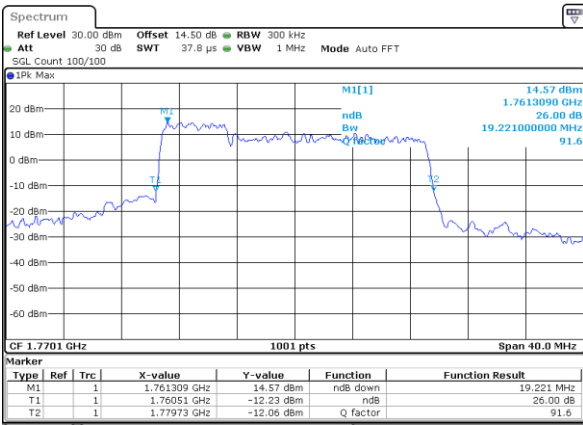
Date: 21 DEC 2022 22:07:55

Middle Channel / 10MHz+5MHz



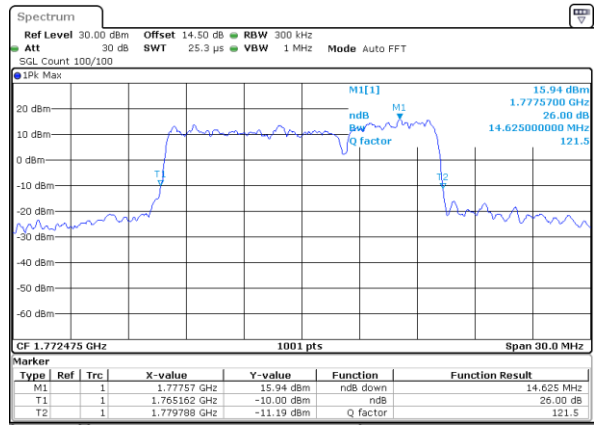
Date: 21 DEC 2022 19:53:14

Highest Channel / 5MHz+15MHz



Date: 21 DEC 2022 22:19:53

Highest Channel / 10MHz+5MHz



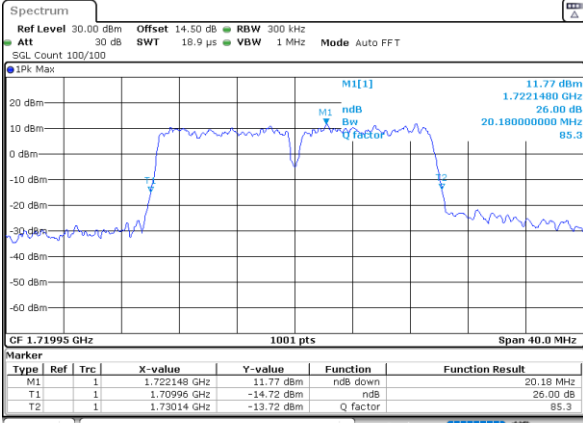
Date: 21 DEC 2022 20:14:34



LTE Band 66B

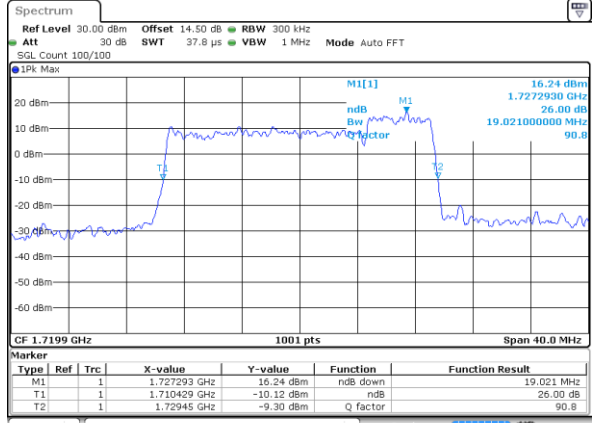
16QAM

Lowest Channel / 10MHz+10MHz



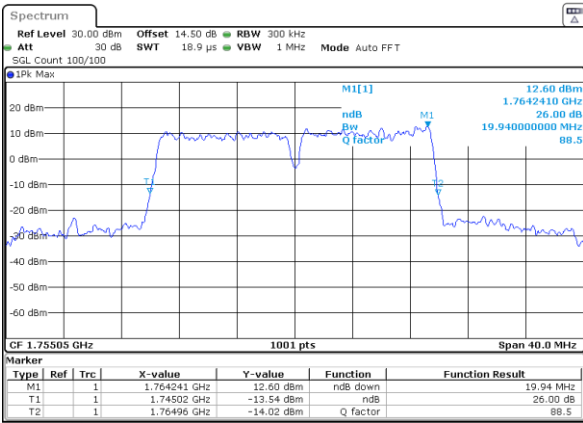
Date: 27 DEC 2022 23:50:59

Lowest Channel / 15MHz+5MHz



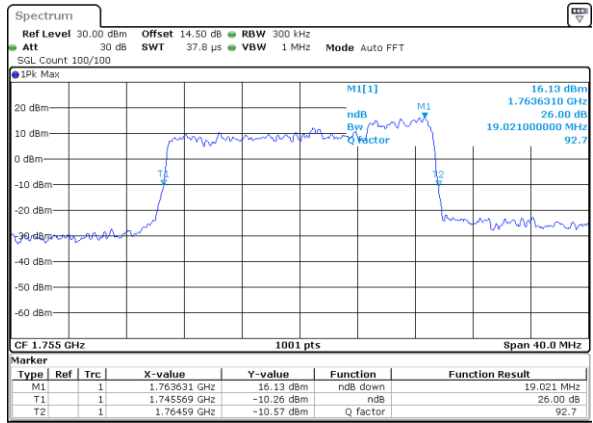
Date: 21 DEC 2022 22:46:04

Middle Channel / 10MHz+10MHz



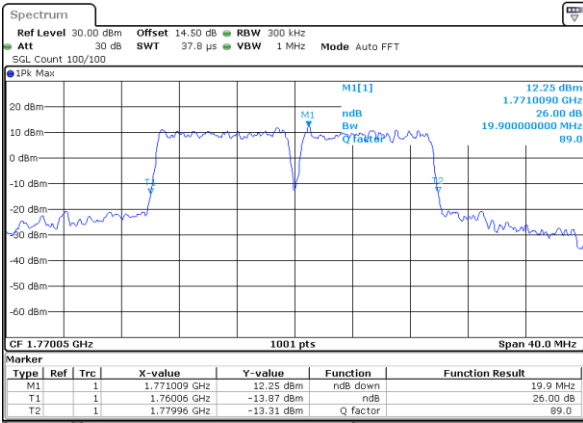
Date: 28 DEC 2022 00:01:31

Middle Channel / 15MHz+5MHz



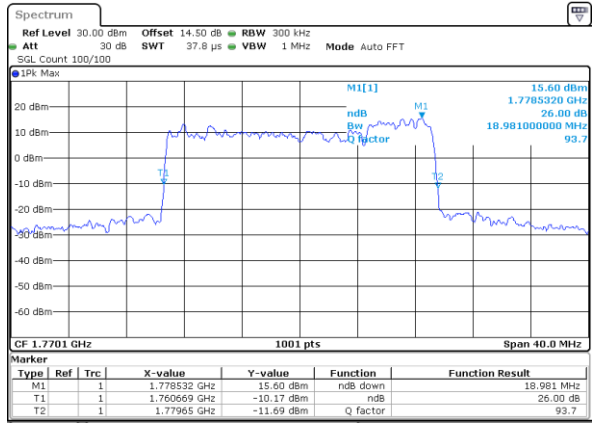
Date: 21 DEC 2022 23:18:26

Highest Channel / 10MHz+10MHz



Date: 21 DEC 2022 17:54:21

Highest Channel / 15MHz+5MHz



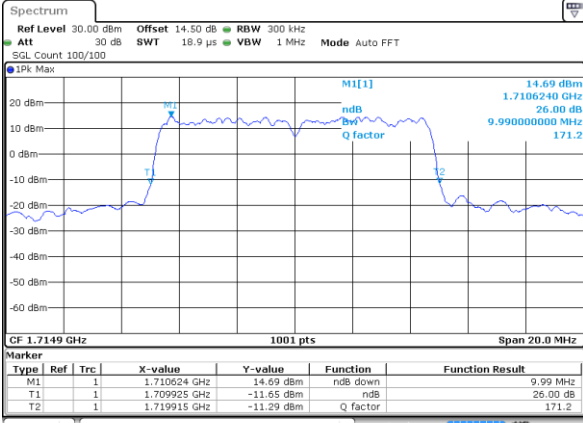
Date: 21 DEC 2022 23:30:24



LTE Band 66B

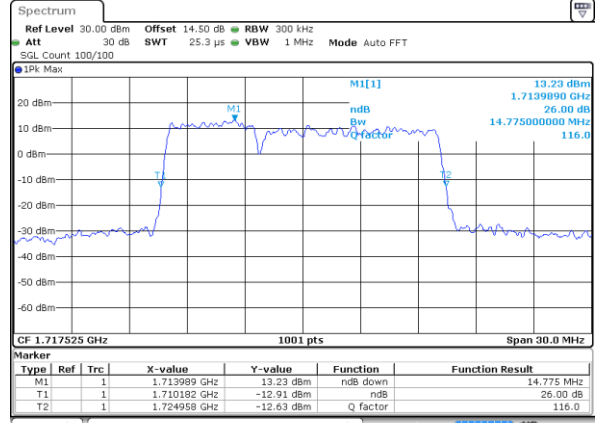
64QAM

Lowest Channel / 5MHz+5MHz



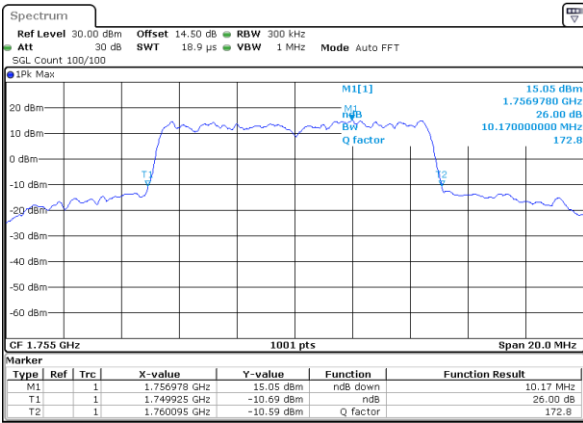
Date: 21 DEC 2022 20:38:08

Lowest Channel / 5MHz+10MHz



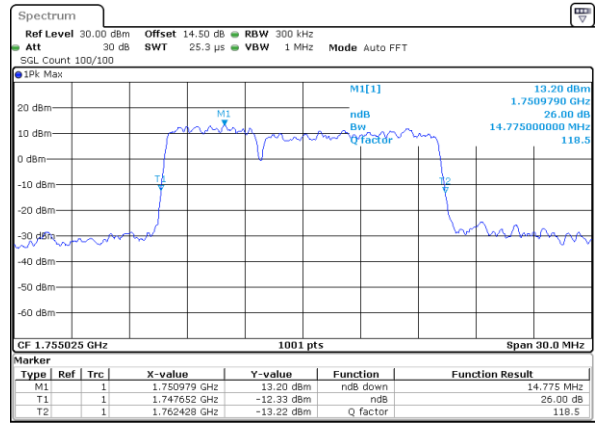
Date: 21 DEC 2022 00:38:21

Middle Channel / 5MHz+5MHz



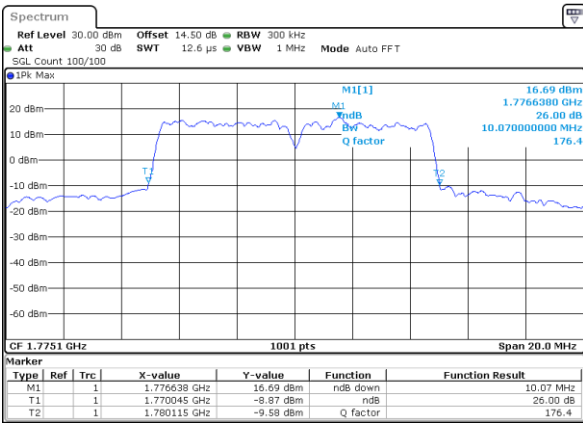
Date: 21 DEC 2022 21:01:18

Middle Channel / 5MHz+10MHz



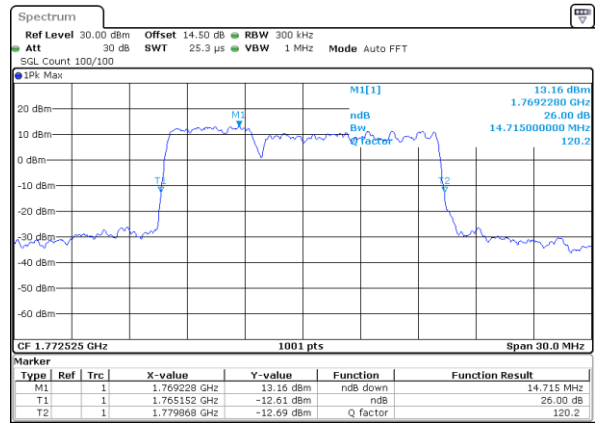
Date: 21 DEC 2022 01:12:32

Highest Channel / 5MHz+5MHz



Date: 29 DEC 2022 09:13:16

Highest Channel / 5MHz+10MHz



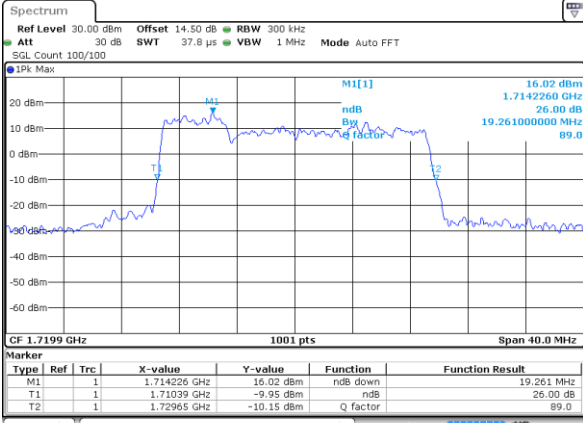
Date: 21 DEC 2022 01:25:29



LTE Band 66B

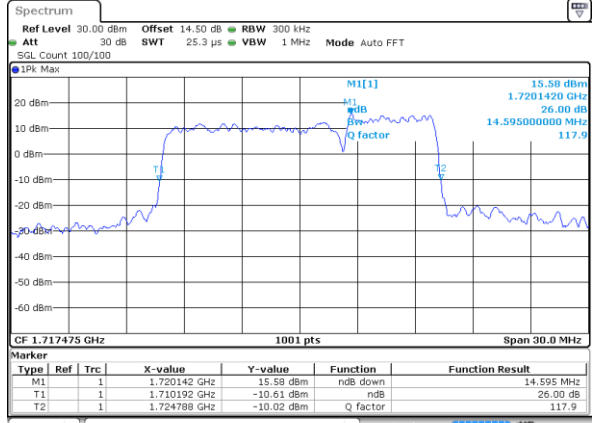
64QAM

Lowest Channel / 5MHz+15MHz



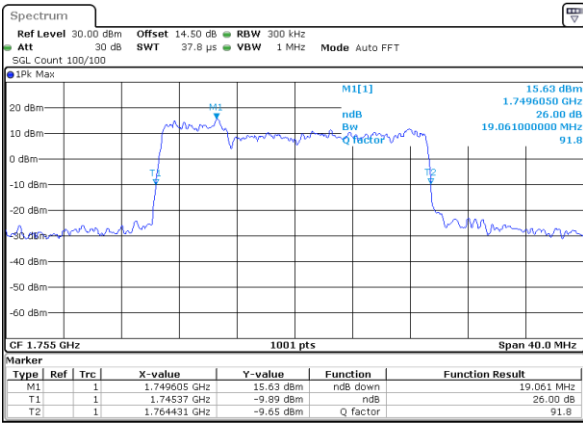
Date: 21 DEC 2022 21:42:05

Lowest Channel / 10MHz+5MHz



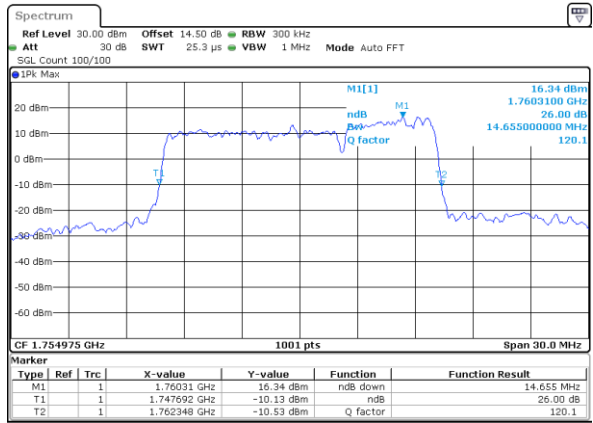
Date: 21 DEC 2022 19:15:47

Middle Channel / 5MHz+15MHz



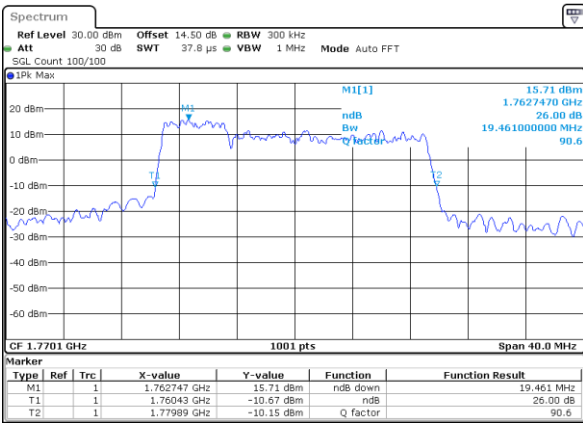
Date: 21 DEC 2022 22:07:25

Middle Channel / 10MHz+5MHz



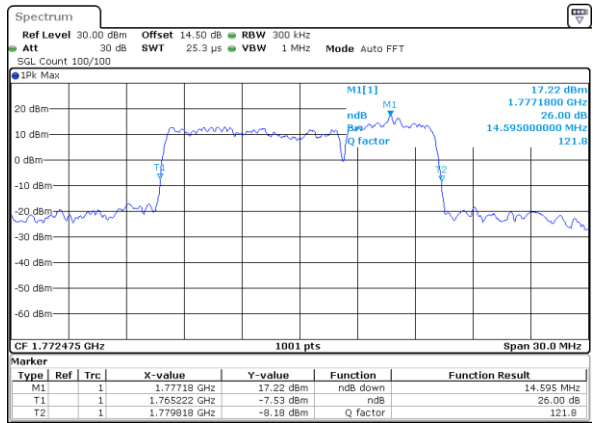
Date: 21 DEC 2022 19:52:44

Highest Channel / 5MHz+15MHz



Date: 21 DEC 2022 22:20:23

Highest Channel / 10MHz+5MHz



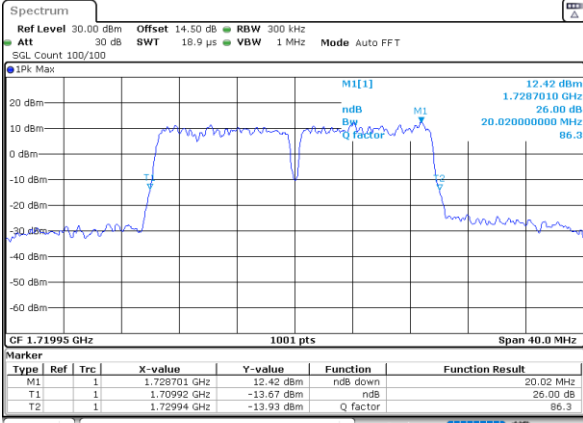
Date: 21 DEC 2022 20:15:04



LTE Band 66B

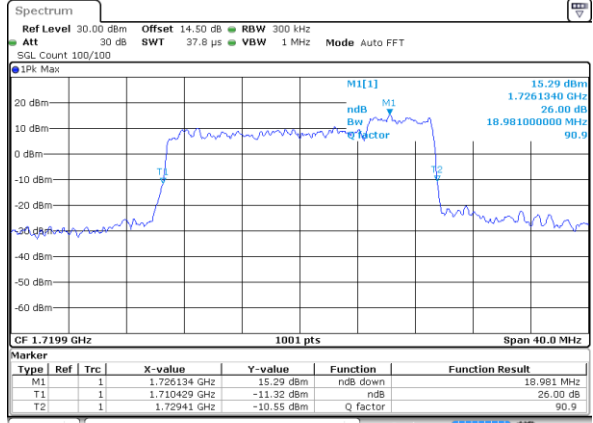
64QAM

Lowest Channel / 10MHz+10MHz



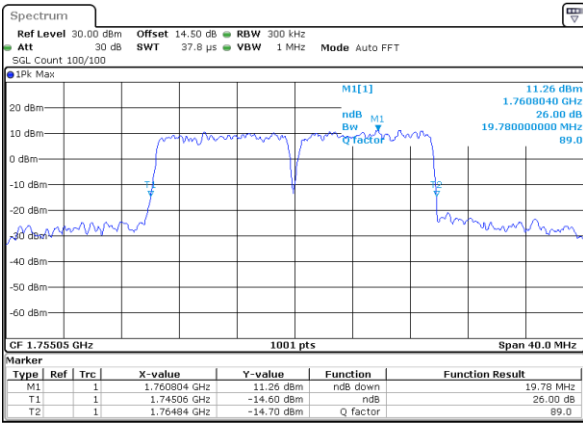
Date: 27 DEC 2022 23:58:35

Lowest Channel / 15MHz+5MHz



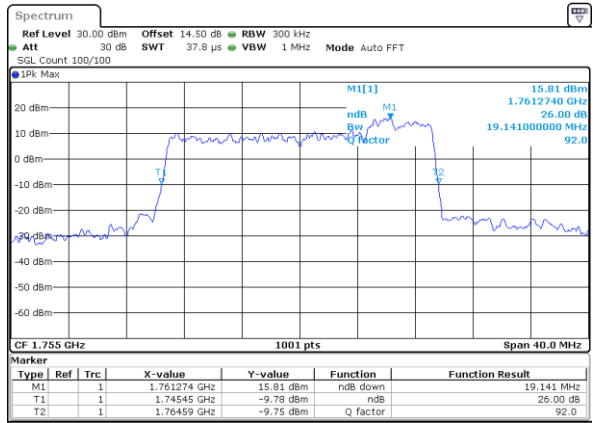
Date: 21 DEC 2022 22:45:34

Middle Channel / 10MHz+10MHz



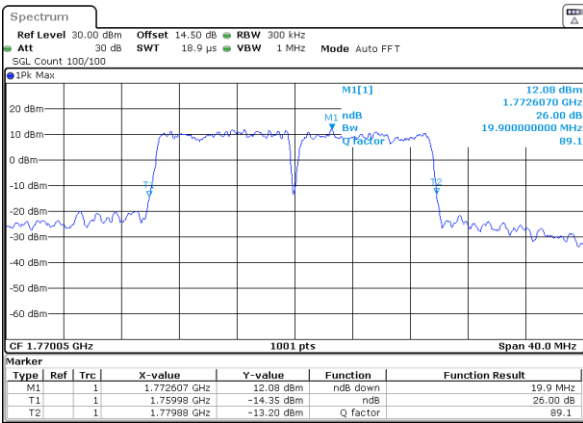
Date: 21 DEC 2022 17:41:51

Middle Channel / 15MHz+5MHz



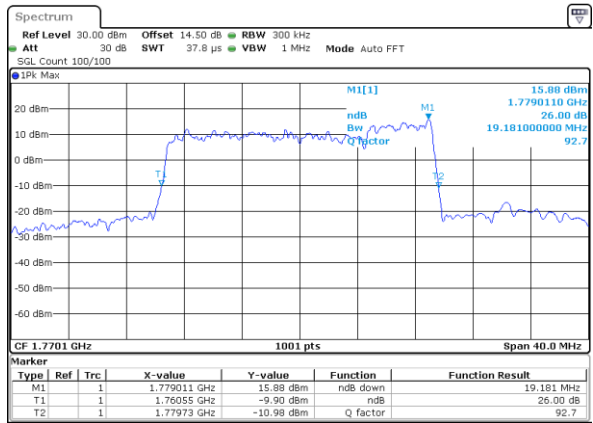
Date: 21 DEC 2022 23:17:54

Highest Channel / 10MHz+10MHz



Date: 28 DEC 2022 00:07:07

Highest Channel / 15MHz+5MHz



Date: 21 DEC 2022 23:30:54



Occupied Bandwidth

| Mode | LTE Band 66B : 99%OBW(MHz) | | |
|------------|----------------------------|-------------|------------|
| QPSK | | | |
| BW | 5MHz+5MHz | 5MHz+10MHz | 5MHz+15MHz |
| Lowest CH | 9.39 | 13.94 | 18.22 |
| Middle CH | 9.35 | 14.00 | 18.22 |
| Highest CH | 9.33 | 14.00 | 18.30 |
| BW | 10MHz+5MHz | 10MHz+10MHz | 15MHz+5MHz |
| Lowest CH | 13.88 | 18.78 | 18.22 |
| Middle CH | 13.88 | 18.82 | 18.18 |
| Highest CH | 13.91 | 18.74 | 18.18 |

| Mode | LTE Band 66B : 99%OBW(MHz) | | |
|------------|----------------------------|-------------|------------|
| 16QAM | | | |
| BW | 5MHz+5MHz | 5MHz+10MHz | 5MHz+15MHz |
| Lowest CH | 9.35 | 13.97 | 18.18 |
| Middle CH | 9.37 | 13.91 | 18.30 |
| Highest CH | 9.43 | 13.91 | 18.18 |
| BW | 10MHz+5MHz | 10MHz+10MHz | 15MHz+5MHz |
| Lowest CH | 13.91 | 18.74 | 18.18 |
| Middle CH | 13.91 | 18.78 | 18.22 |
| Highest CH | 13.91 | 18.78 | 18.30 |

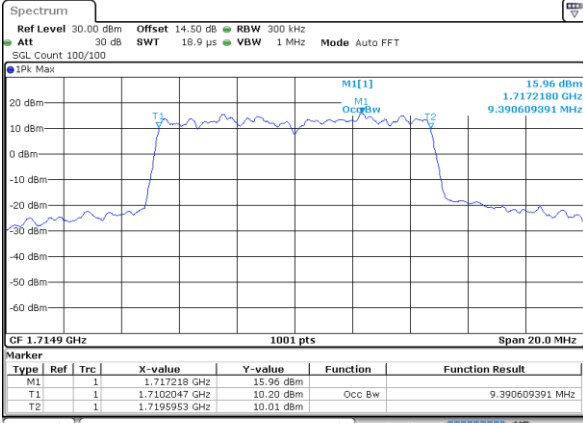
| Mode | LTE Band 66B : 99%OBW(MHz) | | |
|------------|----------------------------|-------------|------------|
| 64QAM | | | |
| BW | 5MHz+5MHz | 5MHz+10MHz | 5MHz+15MHz |
| Lowest CH | 9.41 | 13.91 | 18.22 |
| Middle CH | 9.33 | 13.91 | 18.30 |
| Highest CH | 9.41 | 13.94 | 18.30 |
| BW | 10MHz+5MHz | 10MHz+10MHz | 15MHz+5MHz |
| Lowest CH | 13.79 | 18.82 | 18.14 |
| Middle CH | 13.91 | 18.78 | 18.22 |
| Highest CH | 13.97 | 18.78 | 18.22 |



LTE Band 66B

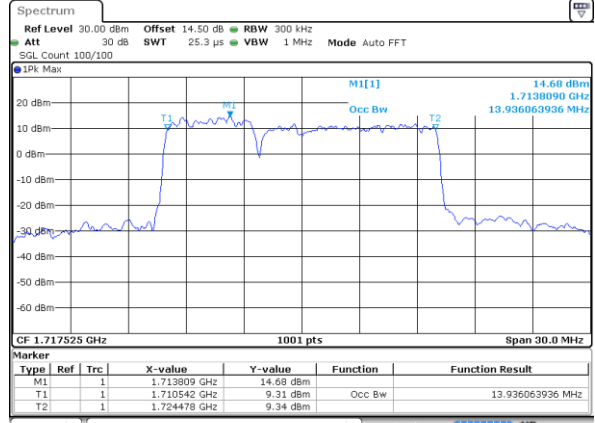
QPSK

Lowest Channel / 5MHz+5MHz



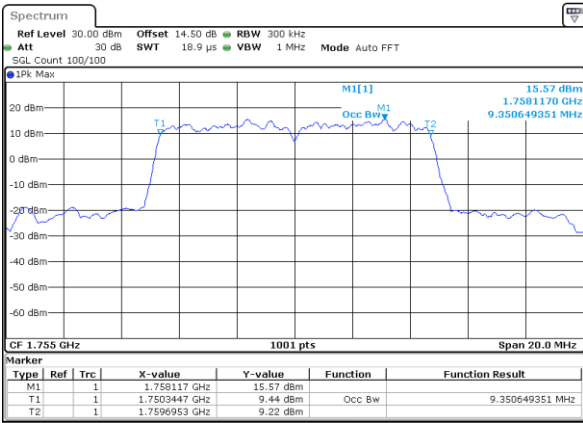
Date: 21 DEC 2022 20:36:39

Lowest Channel / 5MHz+10MHz



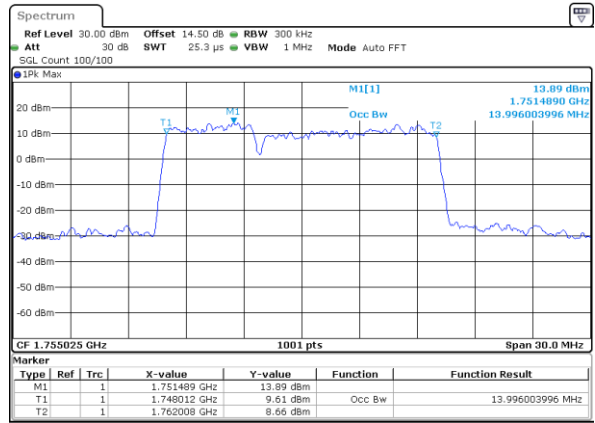
Date: 21 DEC 2022 00:36:51

Middle Channel / 5MHz+5MHz



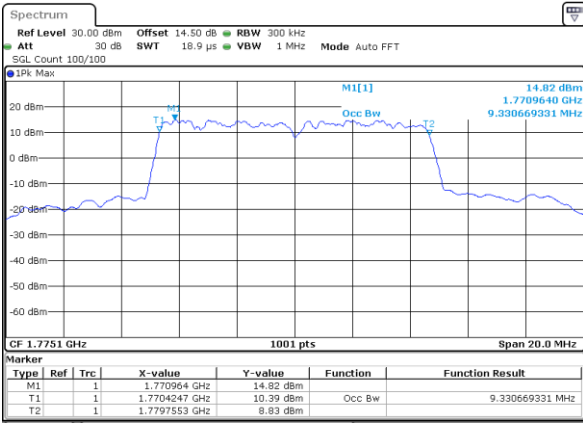
Date: 21 DEC 2022 20:59:48

Middle Channel / 5MHz+10MHz



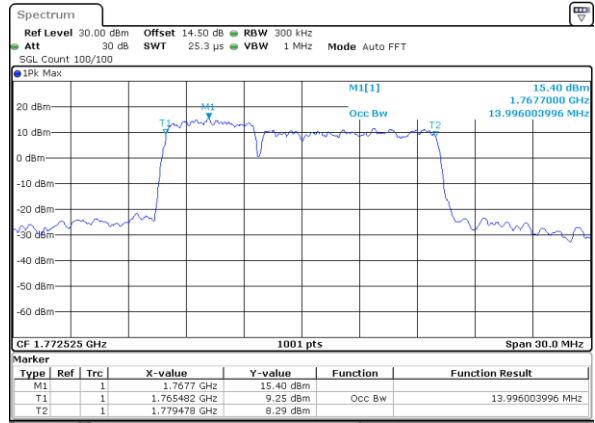
Date: 21 DEC 2022 01:11:02

Highest Channel / 5MHz+5MHz



Date: 21 DEC 2022 21:17:04

Highest Channel / 5MHz+10MHz



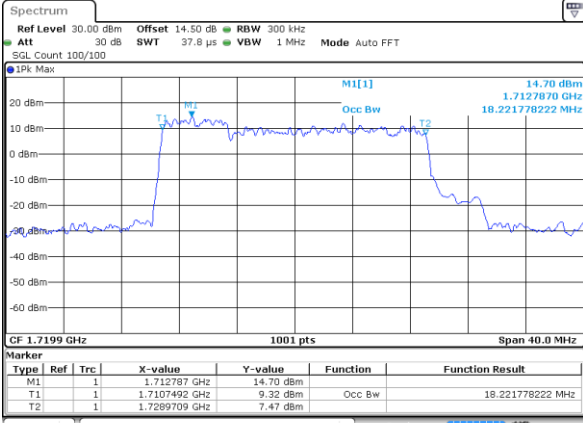
Date: 21 DEC 2022 01:23:59



LTE Band 66B

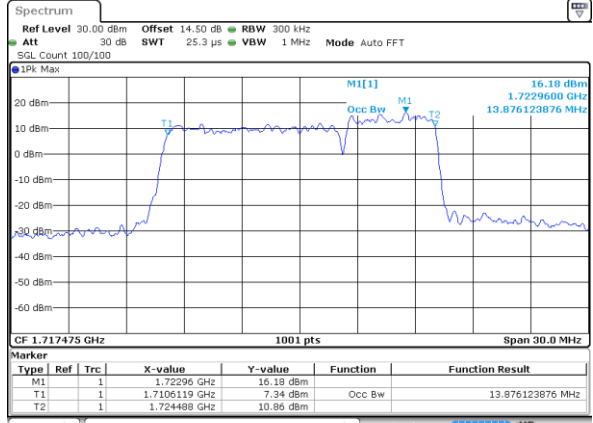
QPSK

Lowest Channel / 5MHz+15MHz



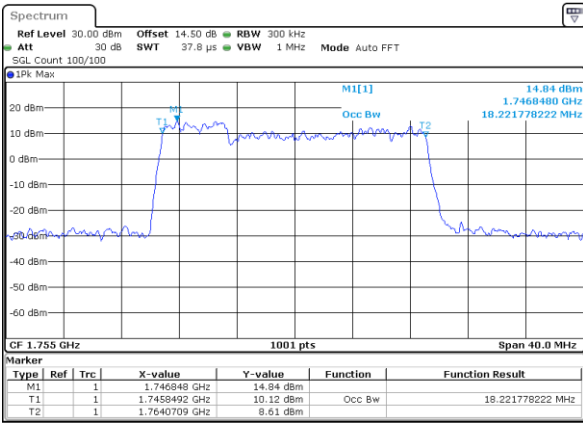
Date: 21 DEC 2022 21:40:35

Lowest Channel / 10MHz+5MHz



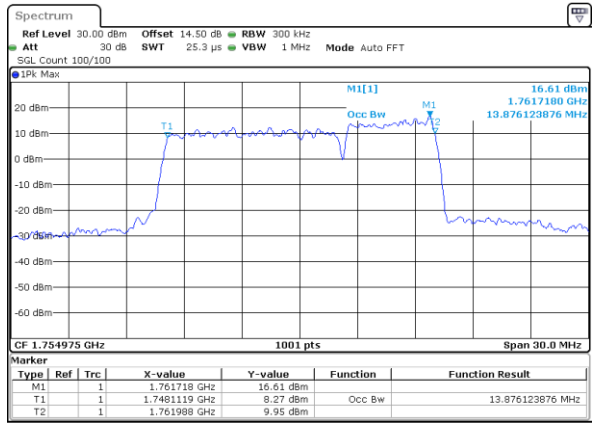
Date: 21 DEC 2022 19:14:15

Middle Channel / 5MHz+15MHz



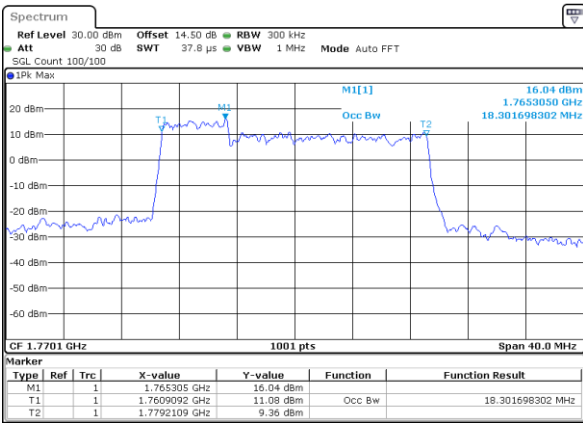
Date: 21 DEC 2022 22:05:55

Middle Channel / 10MHz+5MHz



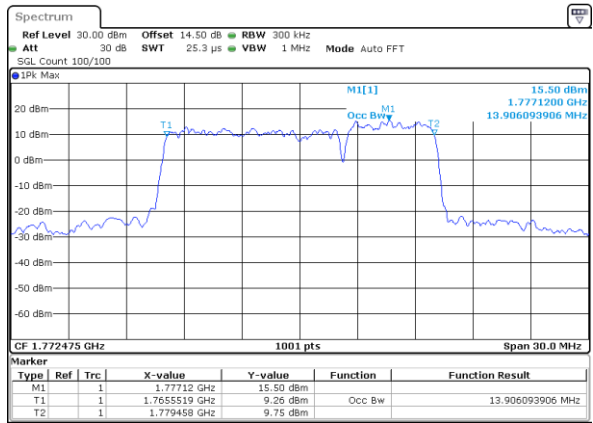
Date: 21 DEC 2022 19:51:14

Highest Channel / 5MHz+15MHz



Date: 21 DEC 2022 22:18:54

Highest Channel / 10MHz+5MHz



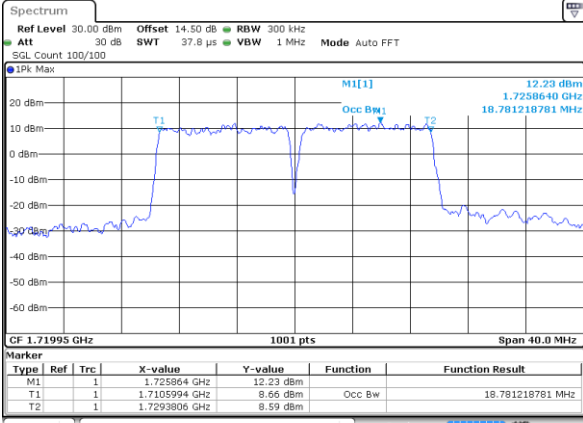
Date: 21 DEC 2022 20:13:35



LTE Band 66B

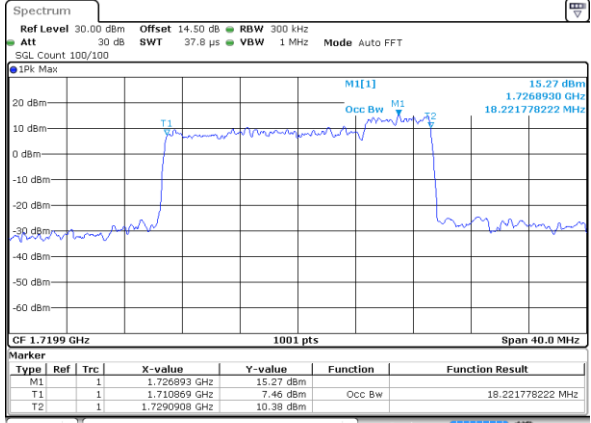
QPSK

Lowest Channel / 10MHz+10MHz



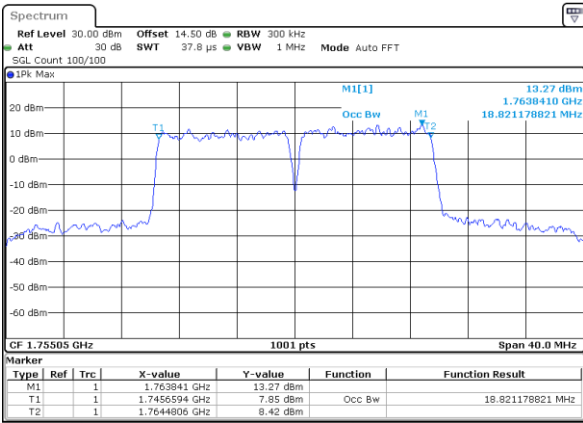
Date: 21 DEC 2022 17:13:26

Lowest Channel / 15MHz+5MHz



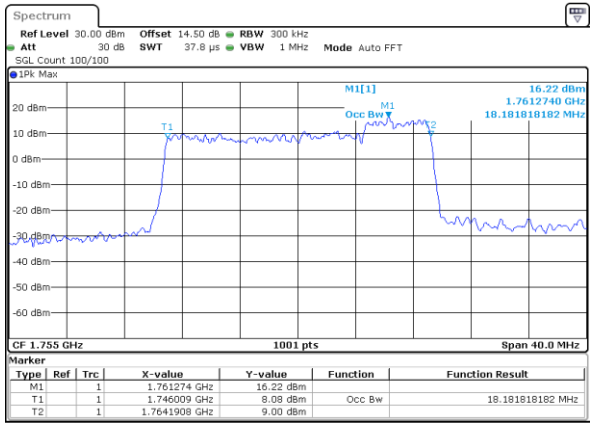
Date: 21 DEC 2022 22:44:04

Middle Channel / 10MHz+10MHz



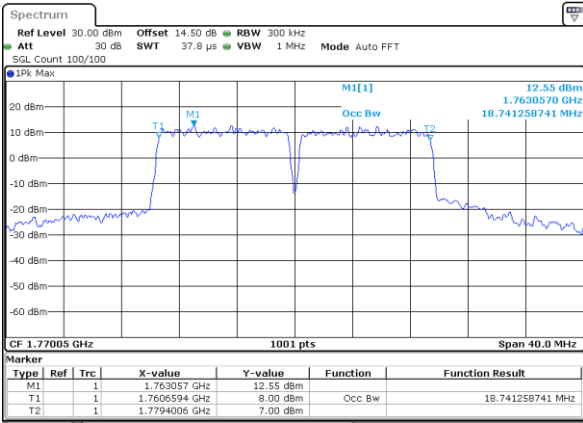
Date: 21 DEC 2022 17:40:21

Middle Channel / 15MHz+5MHz



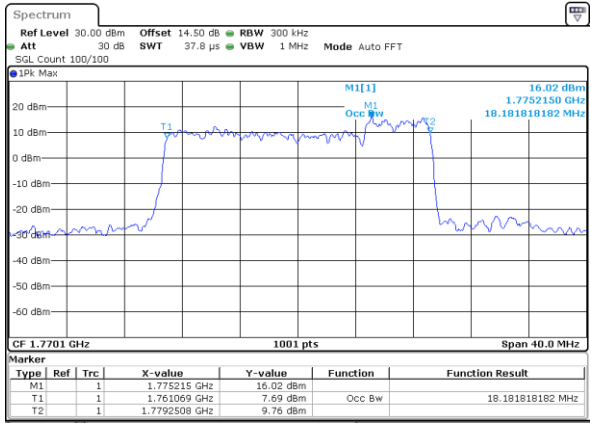
Date: 21 DEC 2022 23:16:23

Highest Channel / 10MHz+10MHz



Date: 21 DEC 2022 17:53:21

Highest Channel / 15MHz+5MHz



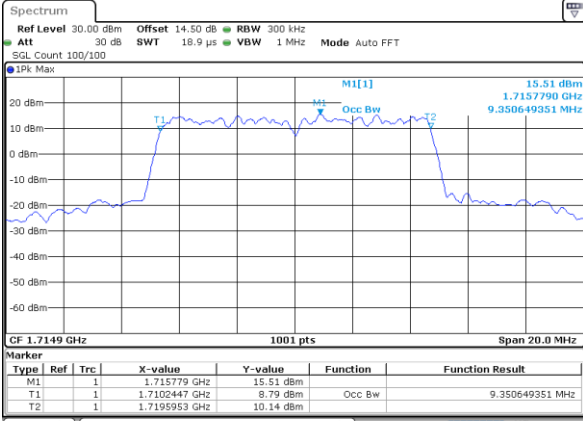
Date: 21 DEC 2022 23:29:24



LTE Band 66B

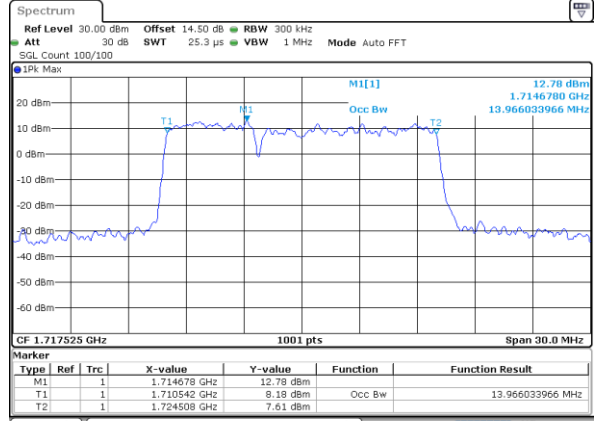
16QAM

Lowest Channel / 5MHz+5MHz



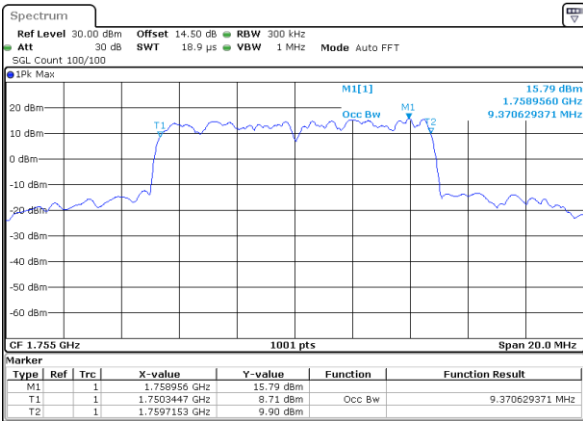
Date: 21 DEC 2022 20:37:09

Lowest Channel / 5MHz+10MHz



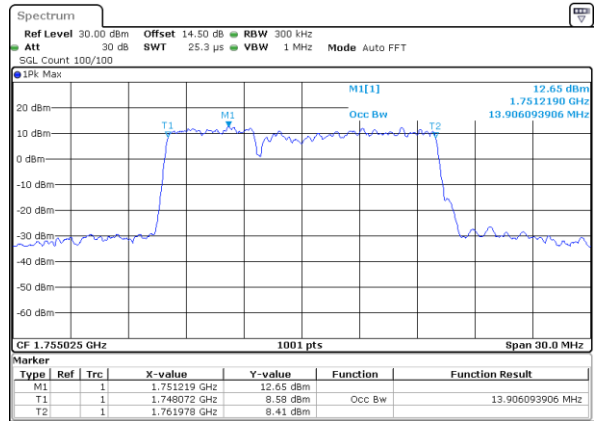
Date: 21 DEC 2022 00:37:21

Middle Channel / 5MHz+5MHz



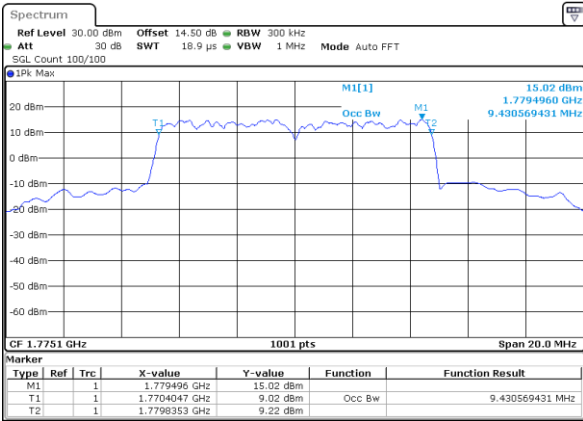
Date: 21 DEC 2022 21:00:18

Middle Channel / 5MHz+10MHz



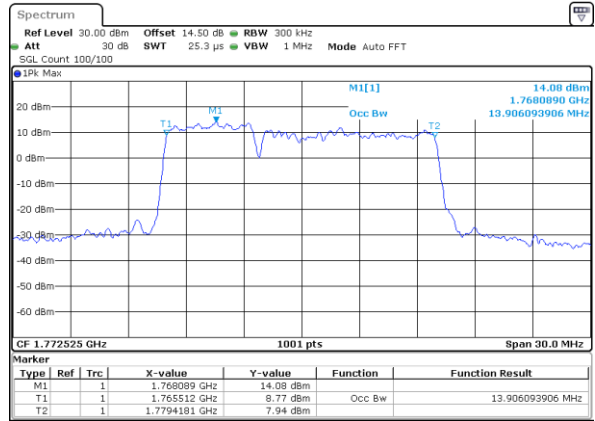
Date: 21 DEC 2022 01:11:32

Highest Channel / 5MHz+5MHz



Date: 21 DEC 2022 21:16:34

Highest Channel / 5MHz+10MHz



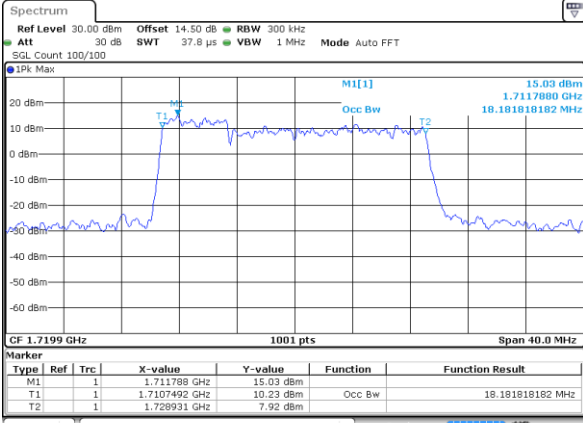
Date: 21 DEC 2022 01:23:29



LTE Band 66B

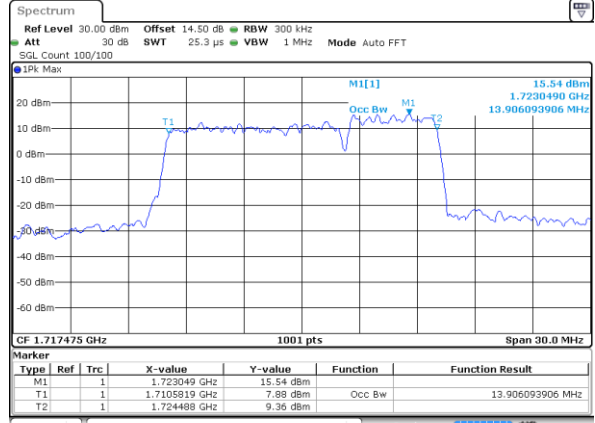
16QAM

Lowest Channel / 5MHz+15MHz



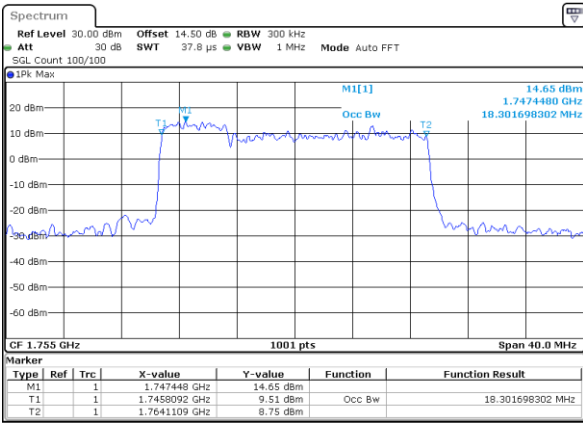
Date: 21 DEC 2022 21:41:05

Lowest Channel / 10MHz+5MHz



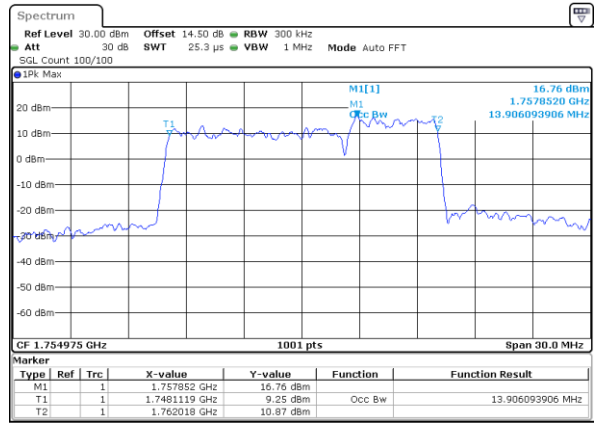
Date: 21 DEC 2022 19:14:46

Middle Channel / 5MHz+15MHz



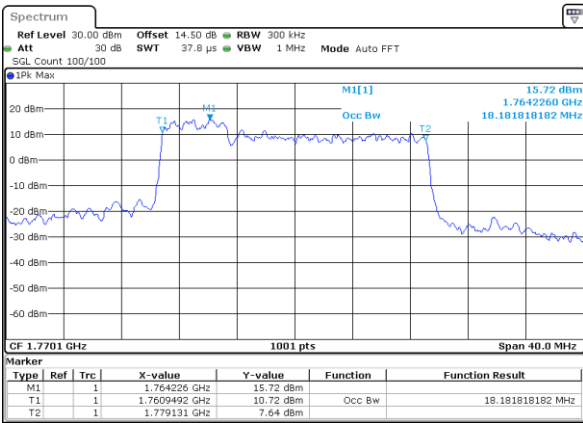
Date: 21 DEC 2022 22:06:25

Middle Channel / 10MHz+5MHz



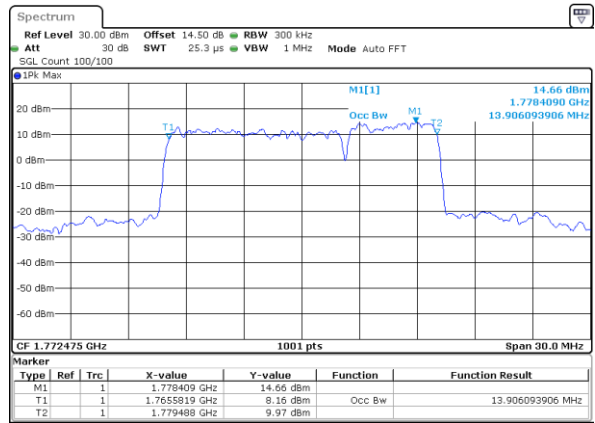
Date: 21 DEC 2022 19:51:44

Highest Channel / 5MHz+15MHz



Date: 21 DEC 2022 22:18:24

Highest Channel / 10MHz+5MHz



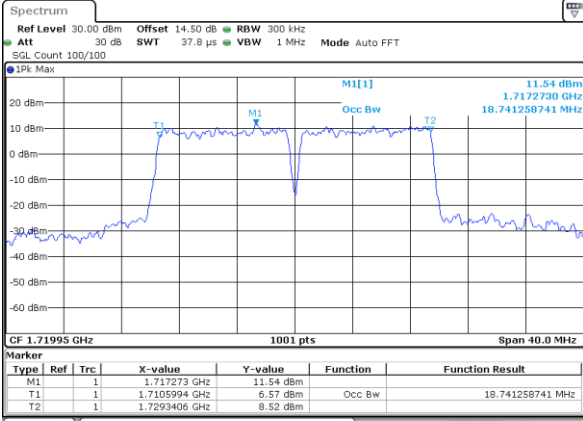
Date: 21 DEC 2022 20:13:05



LTE Band 66B

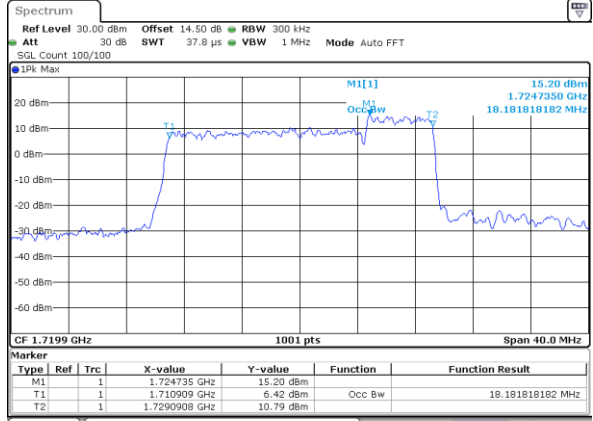
16QAM

Lowest Channel / 10MHz+10MHz



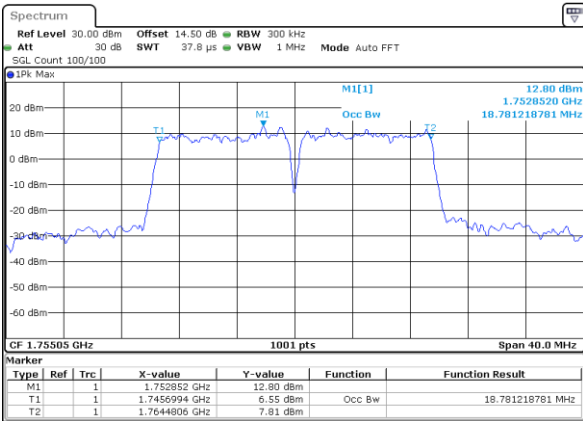
Date: 21 DEC 2022 17:13:57

Lowest Channel / 15MHz+5MHz



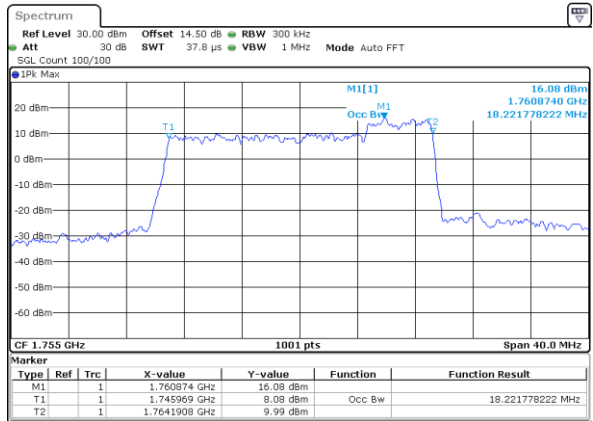
Date: 21 DEC 2022 22:44:34

Middle Channel / 10MHz+10MHz



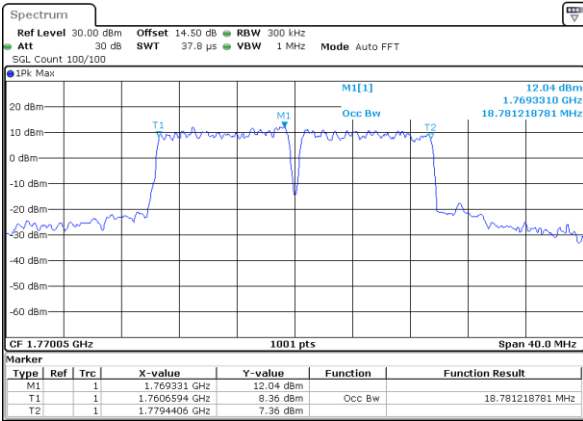
Date: 21 DEC 2022 17:40:52

Middle Channel / 15MHz+5MHz



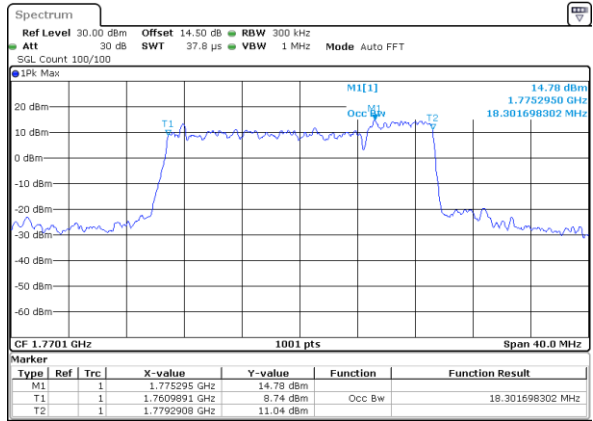
Date: 21 DEC 2022 23:16:53

Highest Channel / 10MHz+10MHz



Date: 21 DEC 2022 17:52:51

Highest Channel / 15MHz+5MHz



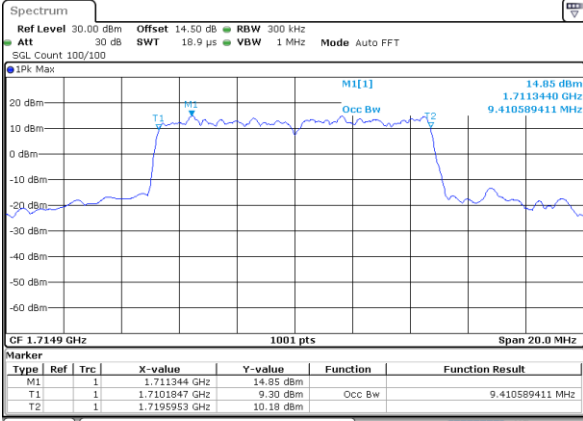
Date: 21 DEC 2022 23:28:54



LTE Band 66B

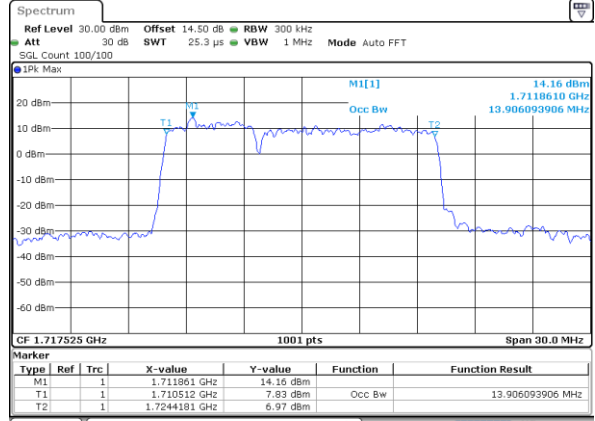
64QAM

Lowest Channel / 5MHz+5MHz



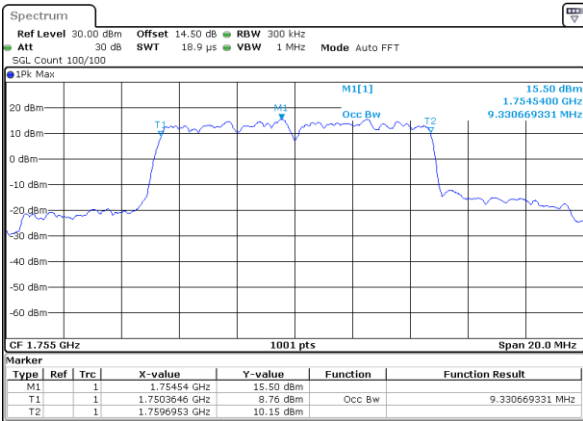
Date: 21 DEC 2022 20:37:39

Lowest Channel / 5MHz+10MHz



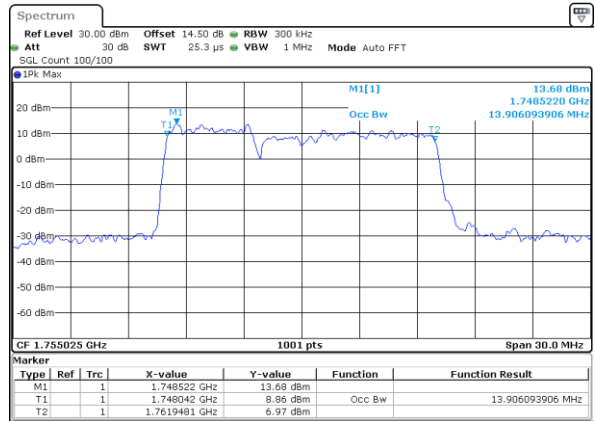
Date: 21 DEC 2022 00:37:52

Middle Channel / 5MHz+5MHz



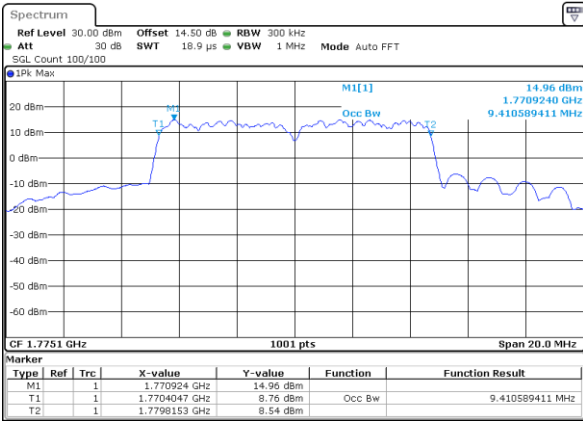
Date: 21 DEC 2022 21:00:48

Middle Channel / 5MHz+10MHz



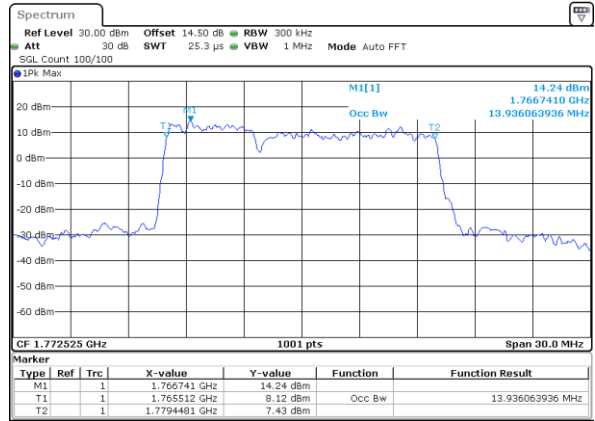
Date: 21 DEC 2022 01:12:03

Highest Channel / 5MHz+5MHz



Date: 21 DEC 2022 21:16:04

Highest Channel / 5MHz+10MHz



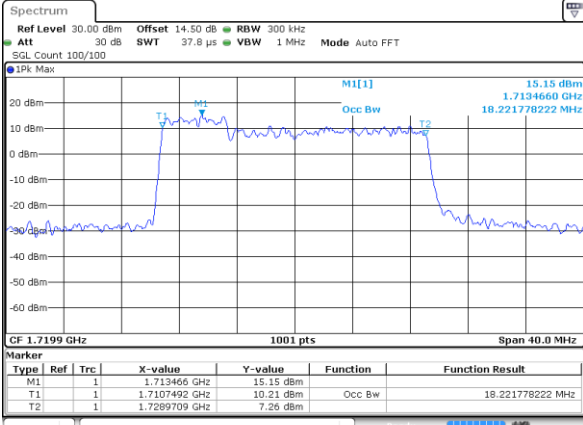
Date: 21 DEC 2022 01:22:58



LTE Band 66B

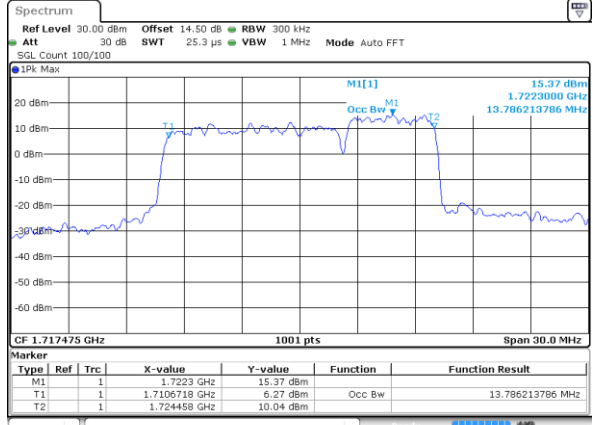
64QAM

Lowest Channel / 5MHz+15MHz



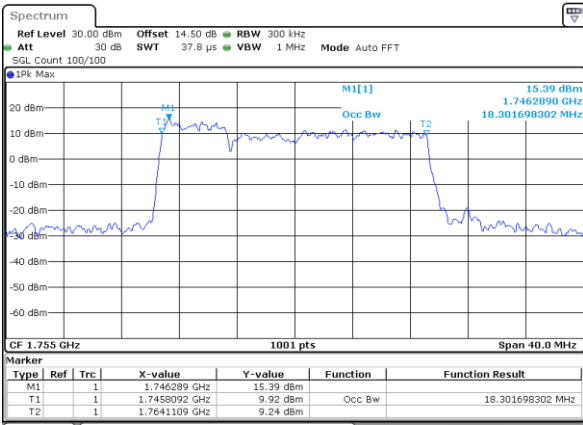
Date: 21 DEC 2022 21:41:36

Lowest Channel / 10MHz+5MHz



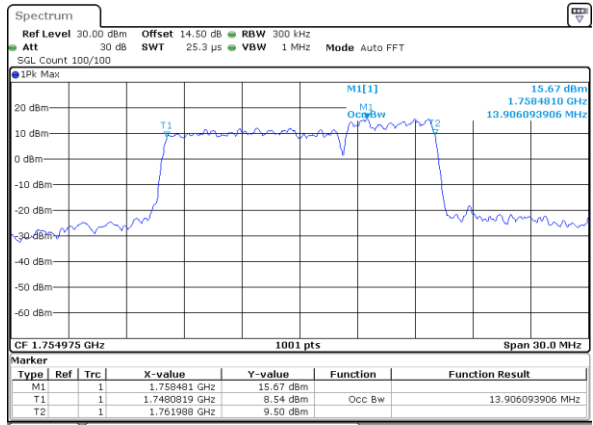
Date: 21 DEC 2022 19:15:17

Middle Channel / 5MHz+15MHz



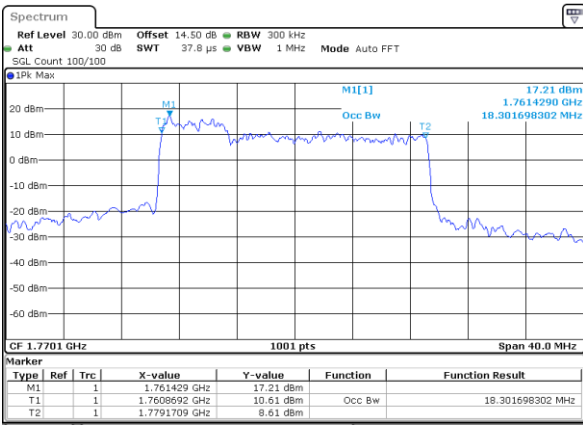
Date: 21 DEC 2022 22:06:55

Middle Channel / 10MHz+5MHz



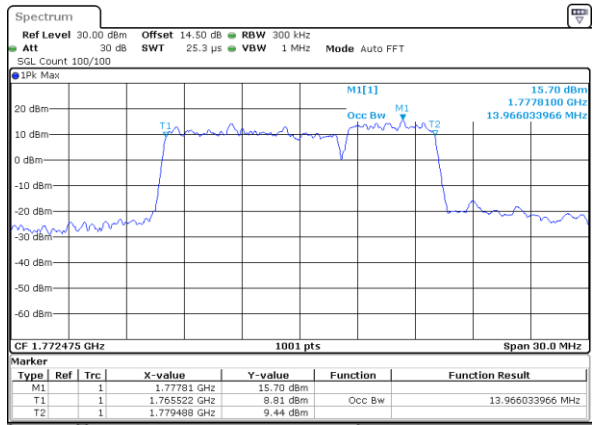
Date: 21 DEC 2022 19:52:14

Highest Channel / 5MHz+15MHz



Date: 21 DEC 2022 22:17:54

Highest Channel / 10MHz+5MHz



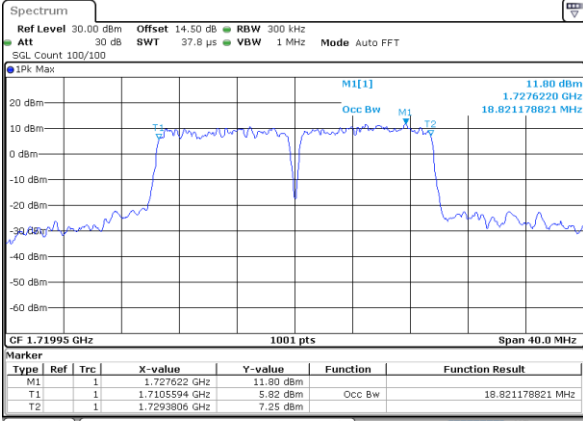
Date: 21 DEC 2022 20:12:34



LTE Band 66B

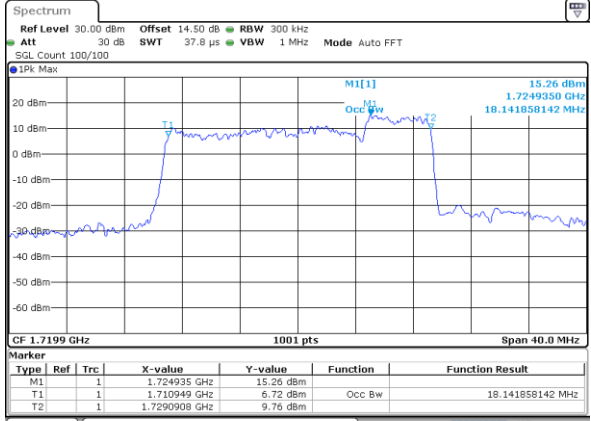
64QAM

Lowest Channel / 10MHz+10MHz



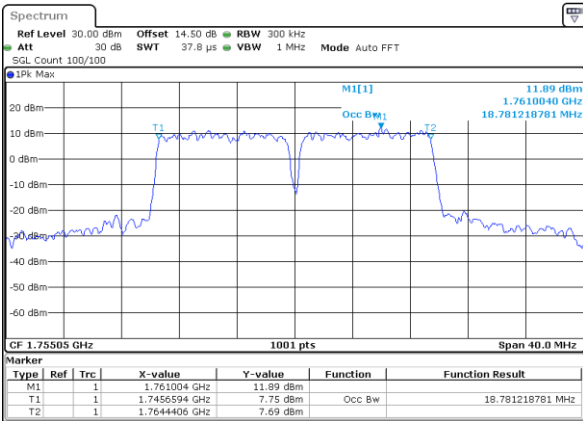
Date: 21 DEC 2022 17:14:28

Lowest Channel / 15MHz+5MHz



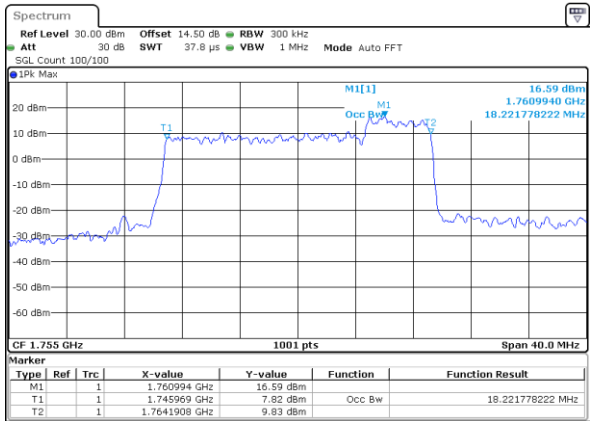
Date: 21 DEC 2022 22:45:04

Middle Channel / 10MHz+10MHz



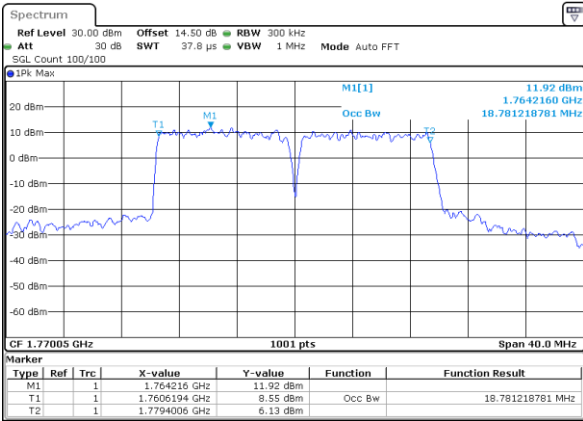
Date: 21 DEC 2022 17:41:22

Middle Channel / 15MHz+5MHz



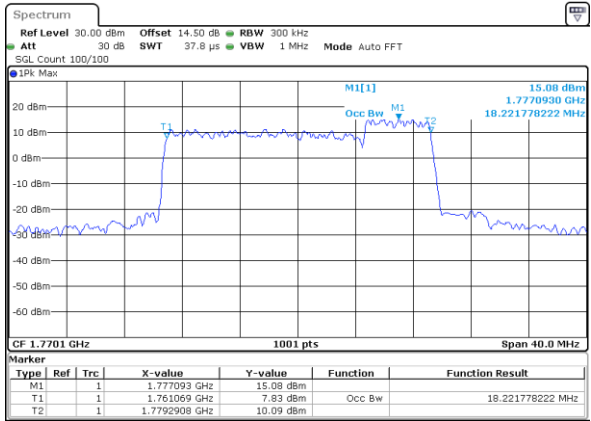
Date: 21 DEC 2022 23:17:24

Highest Channel / 10MHz+10MHz



Date: 21 DEC 2022 17:52:21

Highest Channel / 15MHz+5MHz



Date: 21 DEC 2022 23:28:24

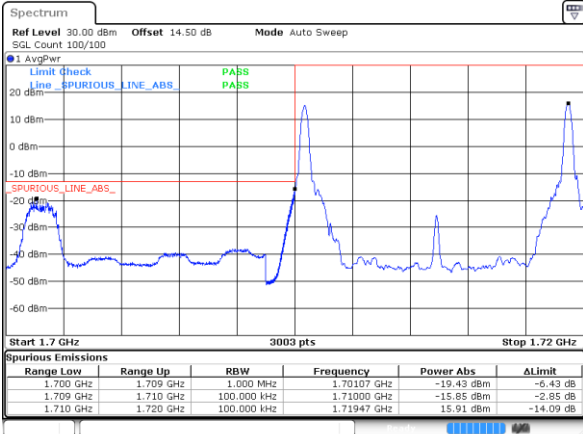


Conducted Band Edge

LTE Band 66B / 5MHz+5MHz

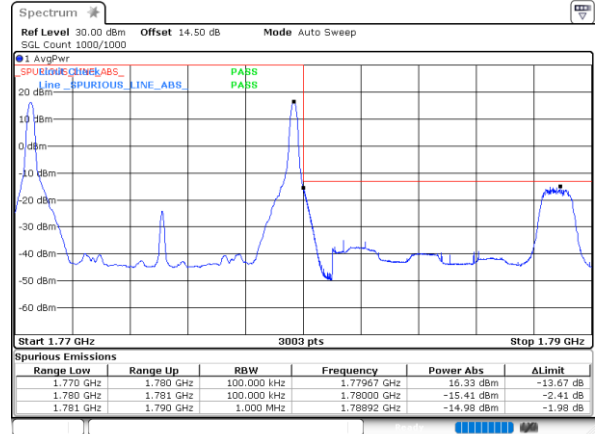
QPSK

Lowest Band Edge / 1RB0 and 1RB24



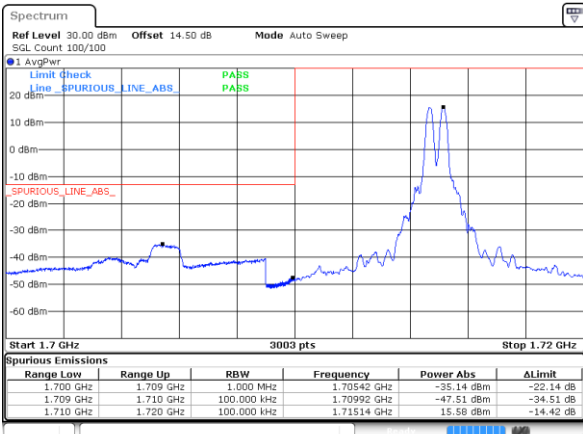
Date: 21 DEC.2022 20:45:33

Highest Band Edge / 1RB0 and 1RB24



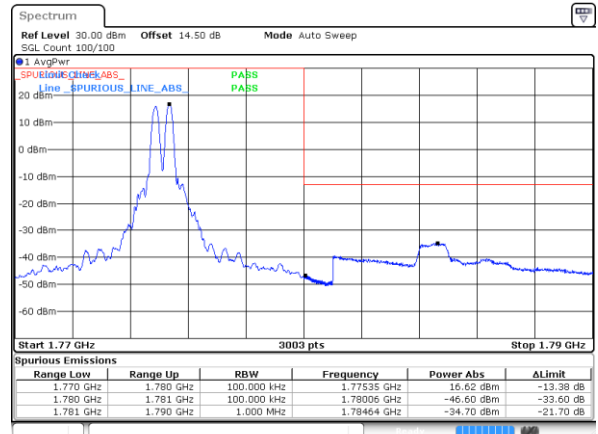
Date: 29 DEC.2022 11:29:26

Lowest Band Edge / 1RB24 and 1RB0



Date: 21 DEC.2022 20:46:39

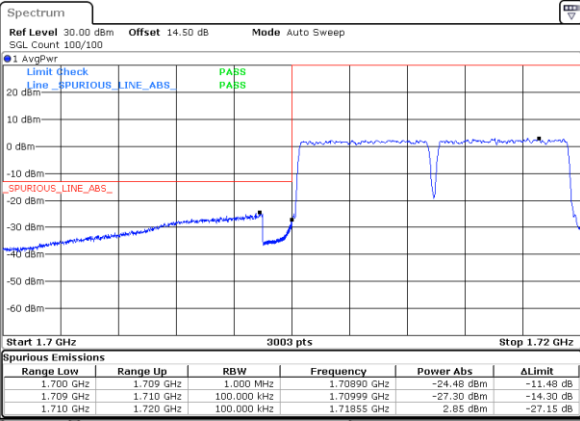
Highest Band Edge / 1RB24 and 1RB0



Date: 21 DEC.2022 21:28:11

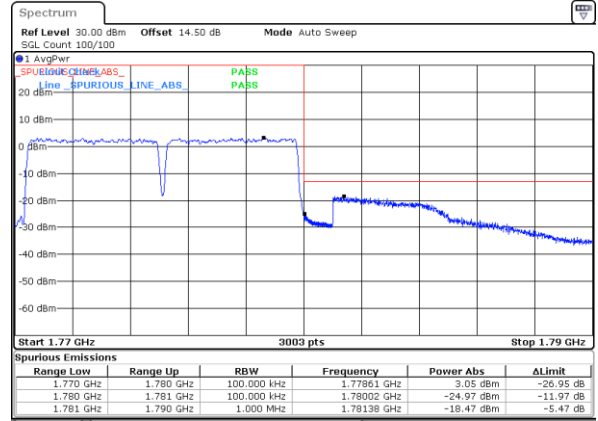


Lowest Band Edge / Full RB



Date: 21 DEC 2022 20:40:12

Highest Band Edge / Full RB



Date: 21 DEC 2022 21:21:48

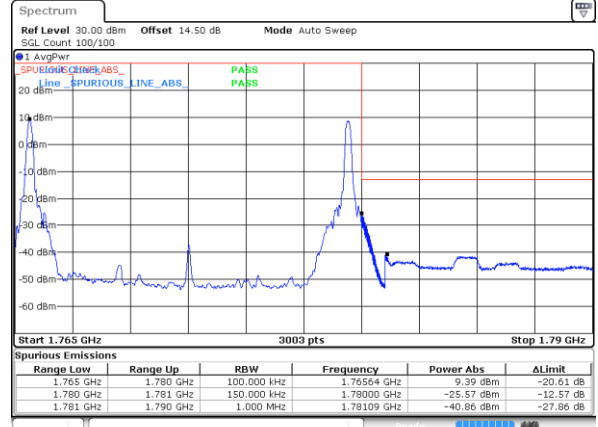
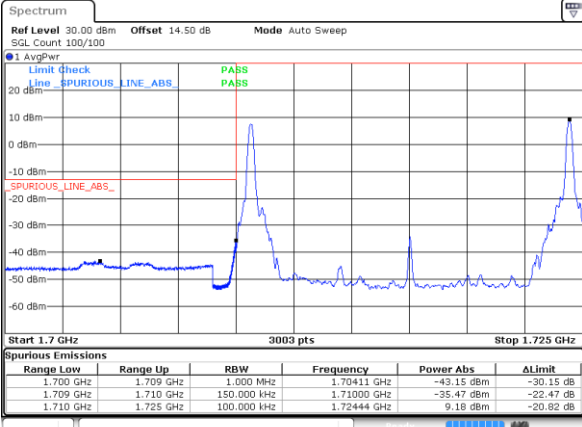


LTE Band 66B / 5MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

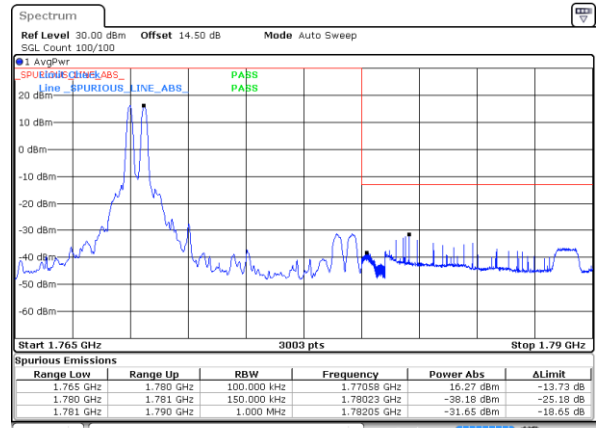
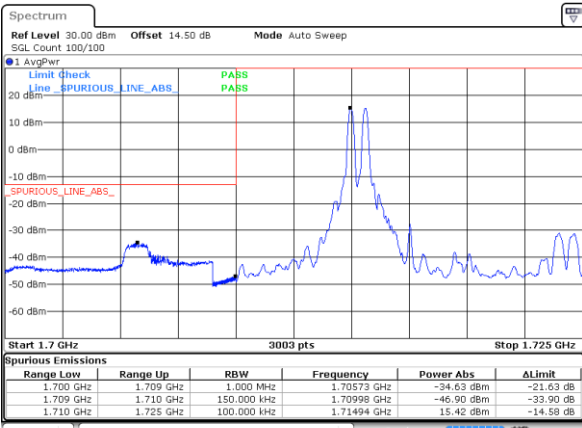


Date: 21 DEC 2022 00:45:44

Date: 21 DEC 2022 01:28:44

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

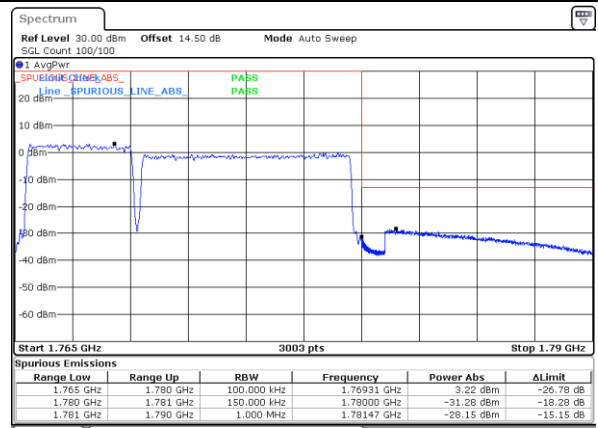
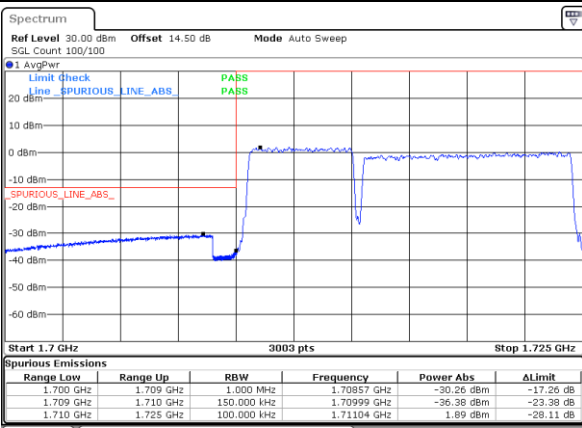


Date: 21 DEC 2022 00:46:48

Date: 21 DEC 2022 01:35:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21 DEC 2022 00:40:24

Date: 21 DEC 2022 01:28:40