

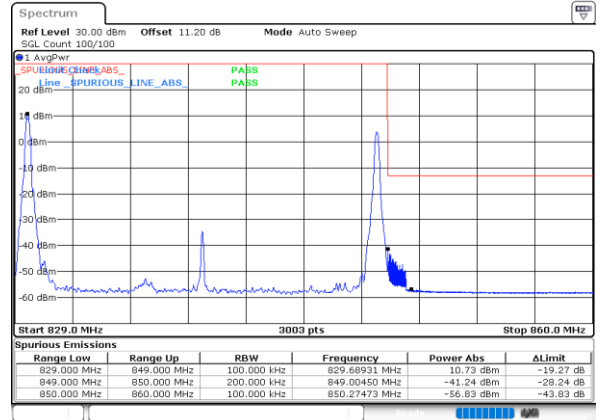
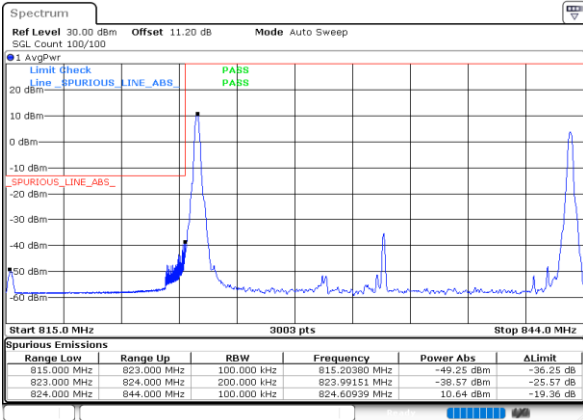


LTE Band 5B / 10MHz+10MHz

16QAM

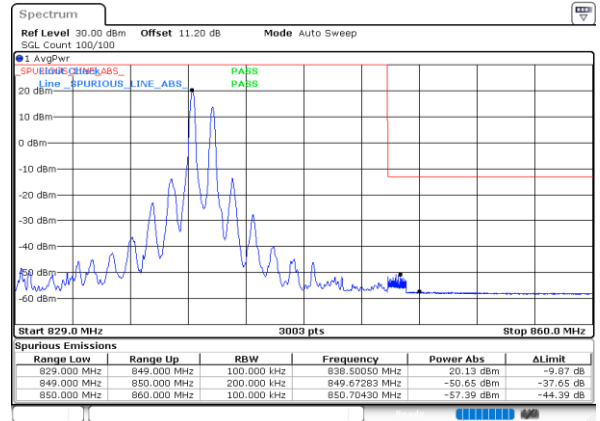
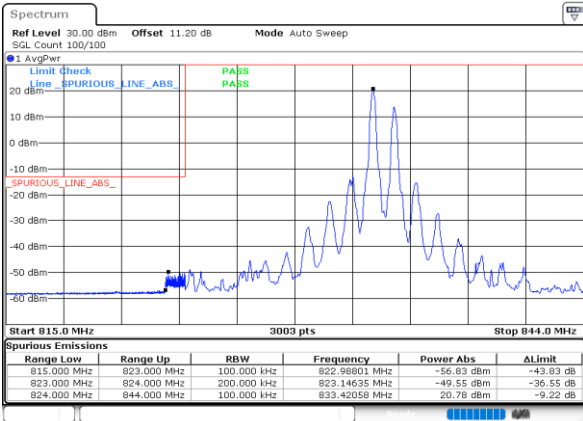
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



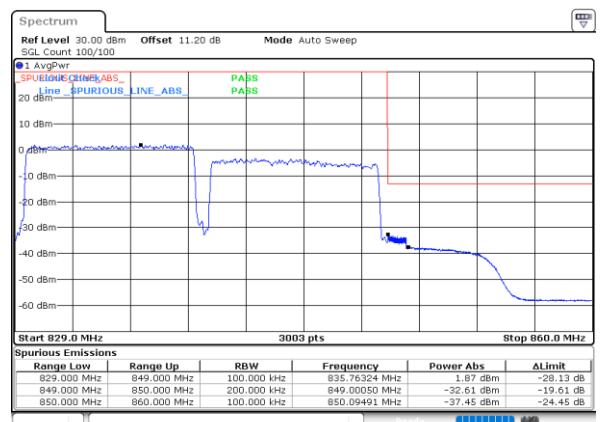
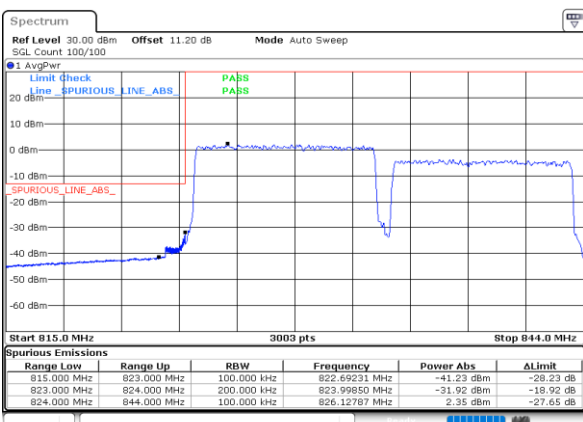
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



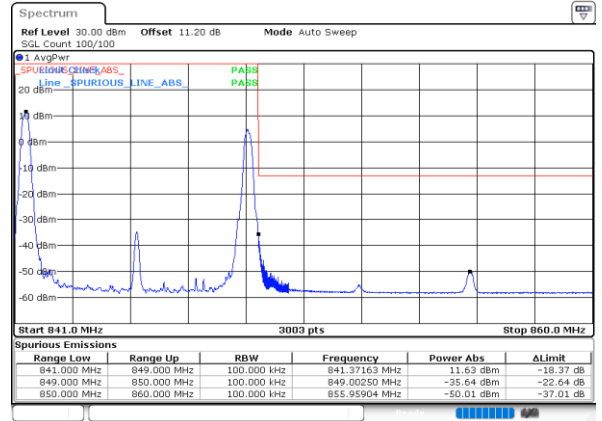
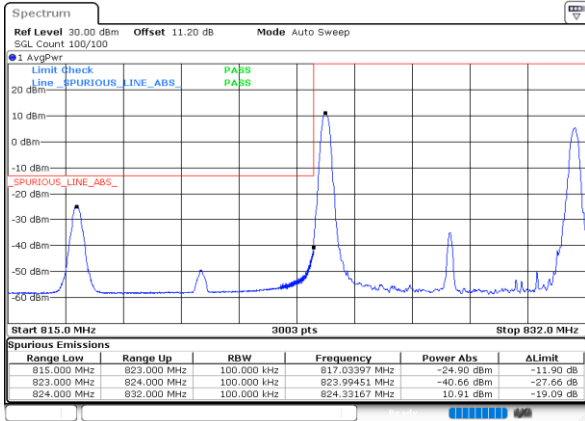


LTE Band 5B / 3MHz+5MHz

64QAM

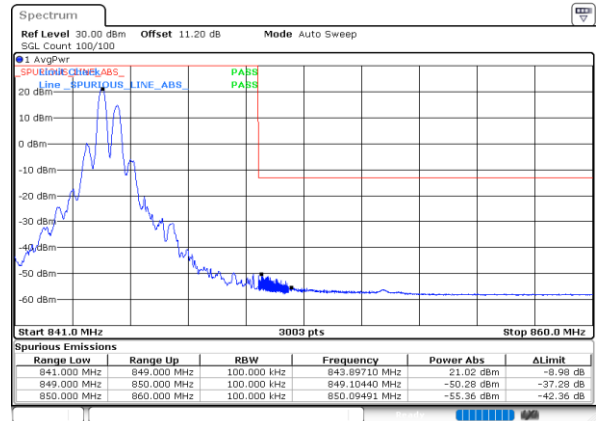
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



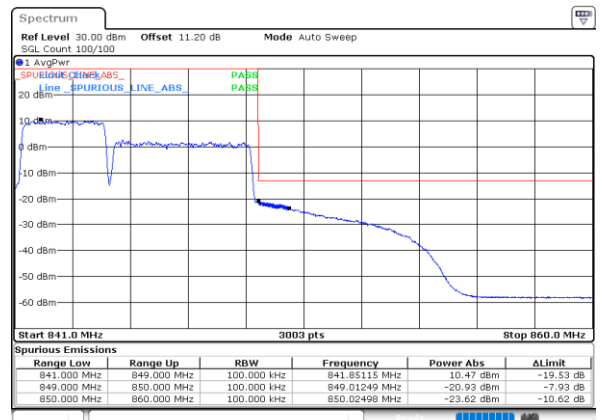
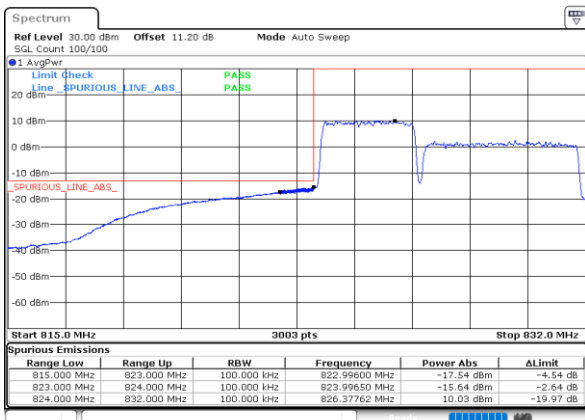
Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

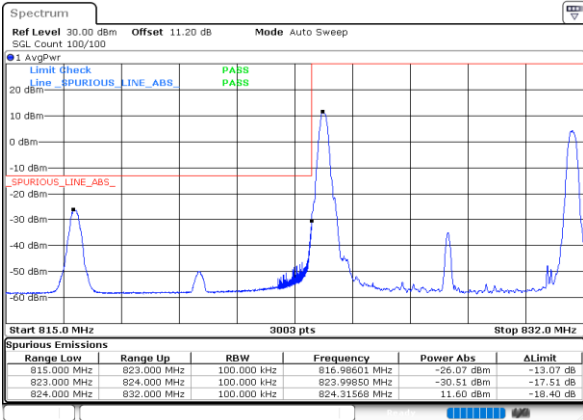




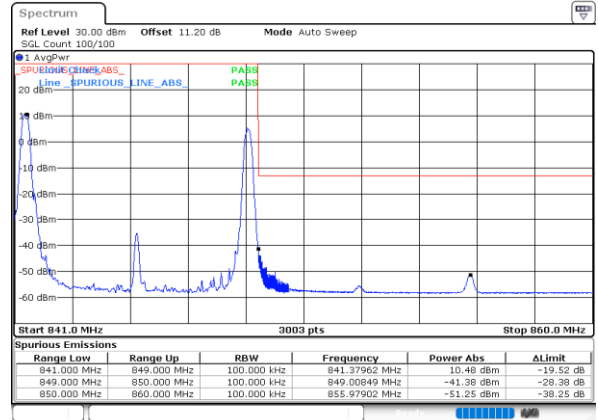
LTE Band 5B / 5MHz+3MHz

64QAM

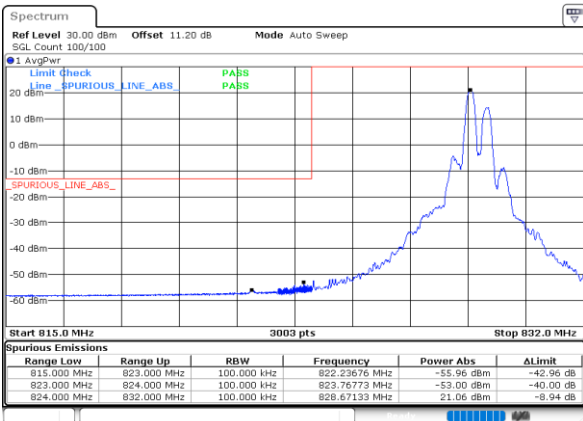
Lowest Band Edge / 1RB0 and 1RB14



Highest Band Edge / 1RB0 and 1RB14



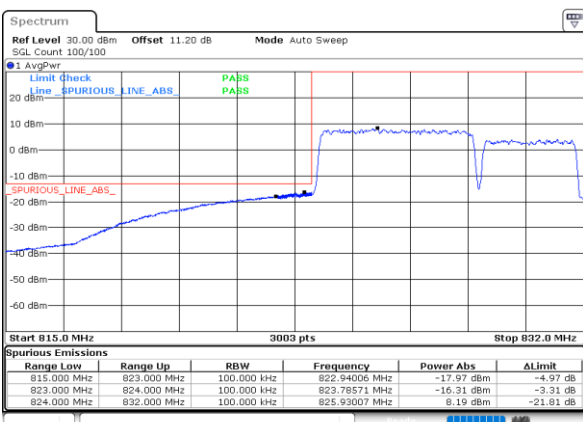
Lowest Band Edge / 1RB24 and 1RB0



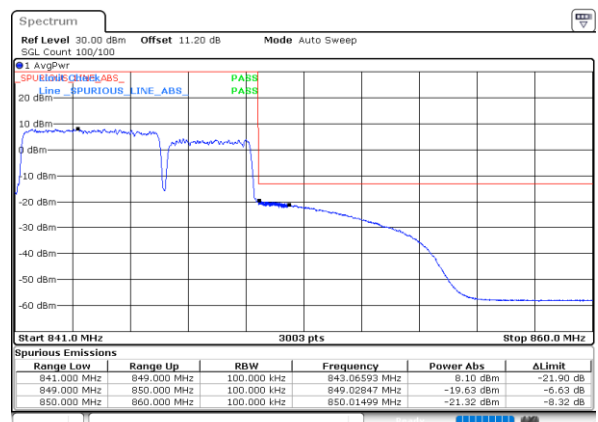
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



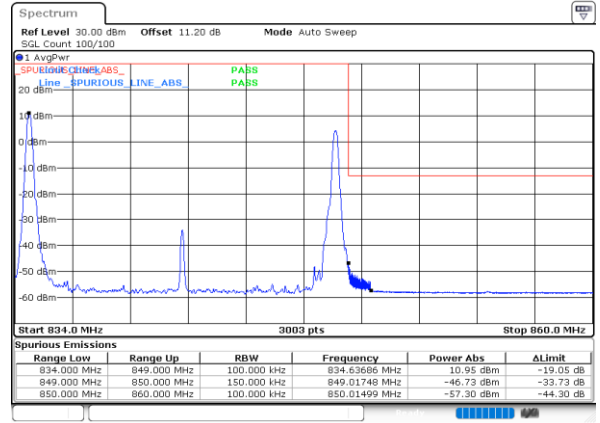
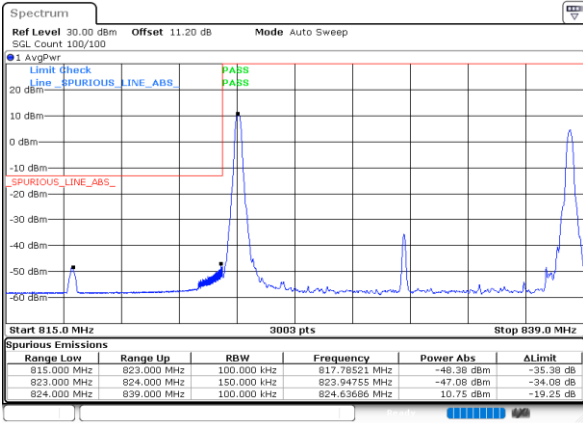


LTE Band 5B / 5MHz+10MHz

64QAM

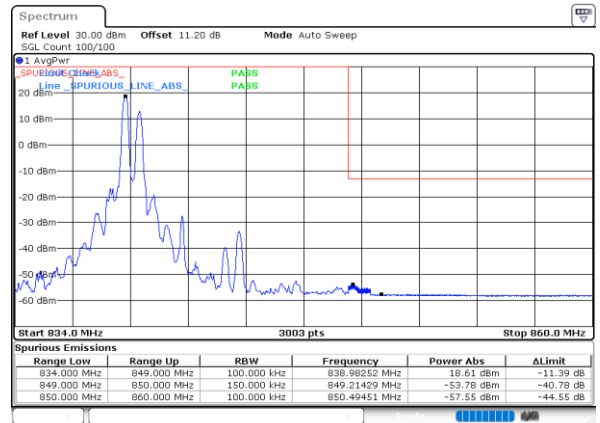
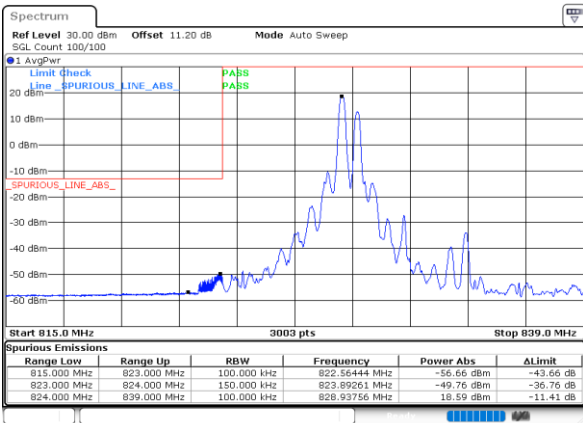
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



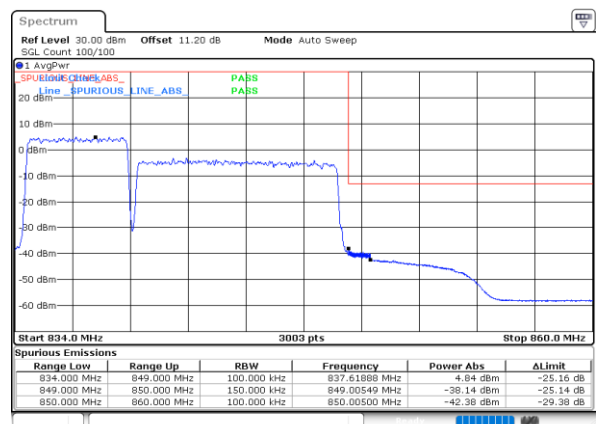
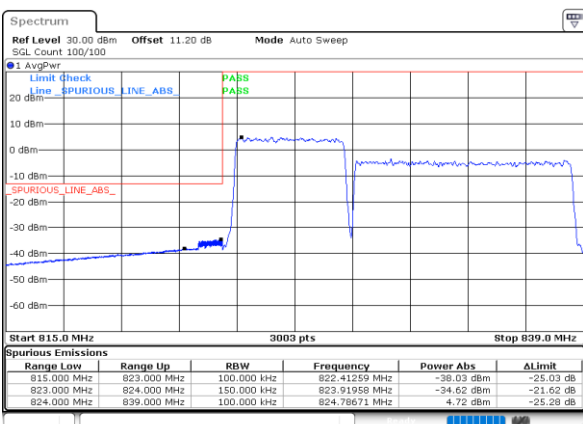
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

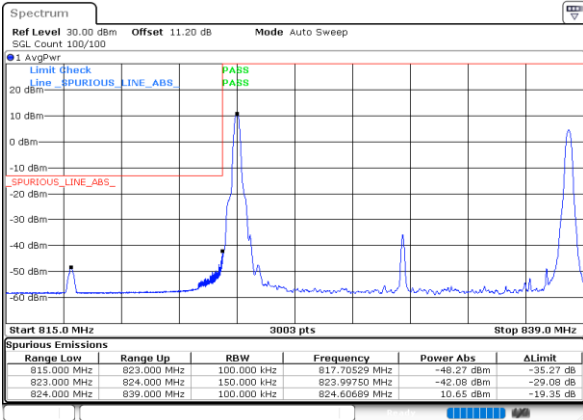




LTE Band 5B / 10MHz+5MHz

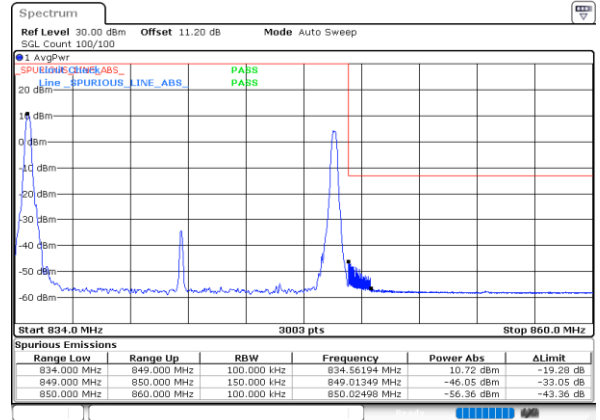
64QAM

Lowest Band Edge / 1RB0 and 1RB24



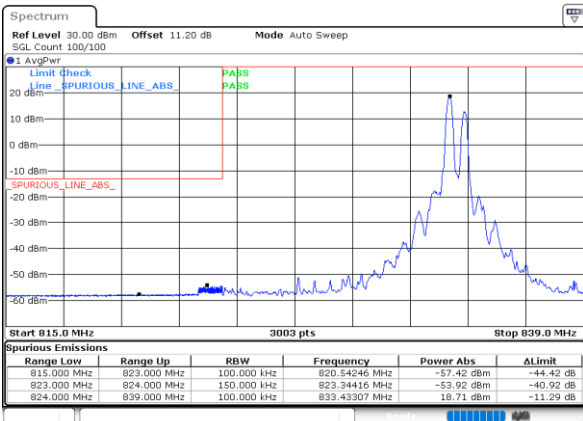
Date: 24 JUN 2022 18:33:35

Highest Band Edge / 1RB0 and 1RB24



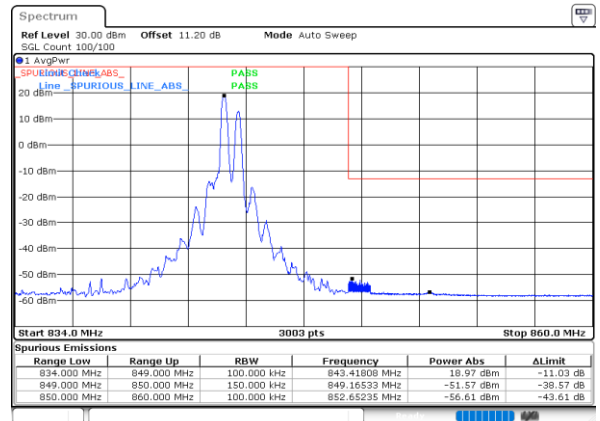
Date: 24 JUN 2022 18:11:44

Lowest Band Edge / 1RB49 and 1RB0



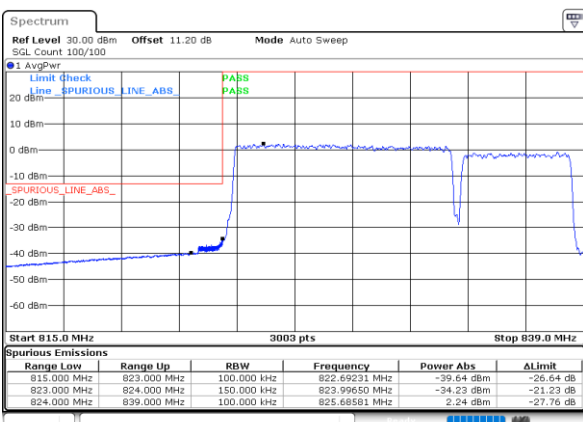
Date: 24 JUN 2022 18:40:08

Highest Band Edge / 1RB49 and 1RB0



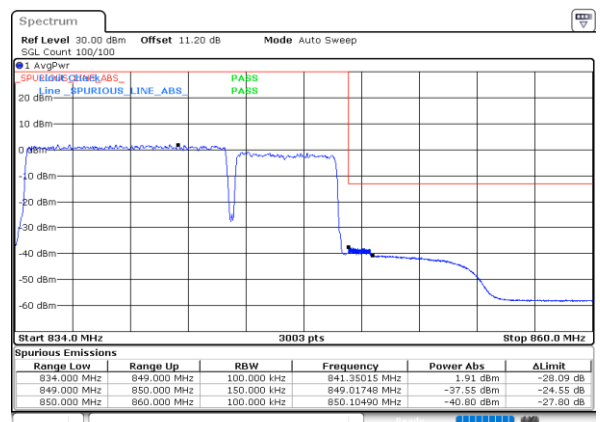
Date: 24 JUN 2022 18:13:03

Lowest Band Edge / Full RB



Date: 24 JUN 2022 18:32:16

Highest Band Edge / Full RB



Date: 24 JUN 2022 18:05:10

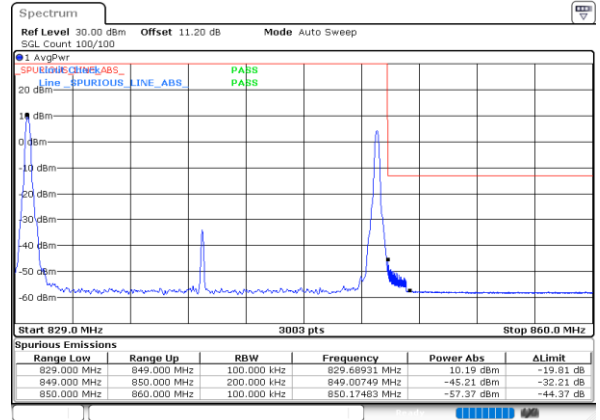
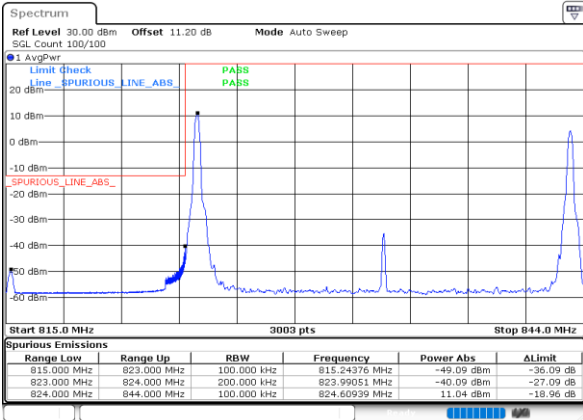


LTE Band 5B / 10MHz+10MHz

64QAM

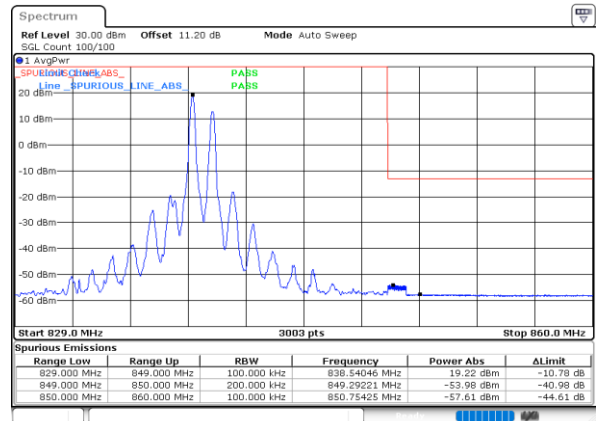
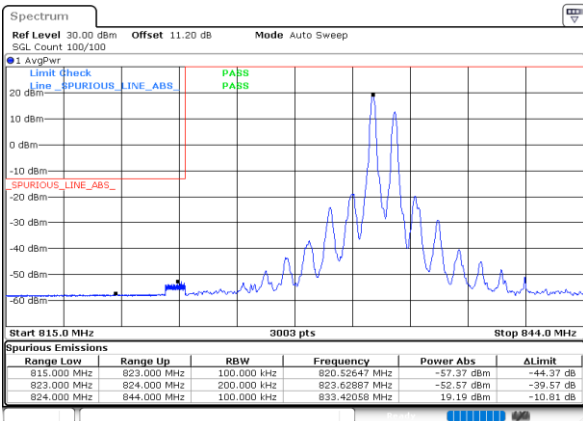
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



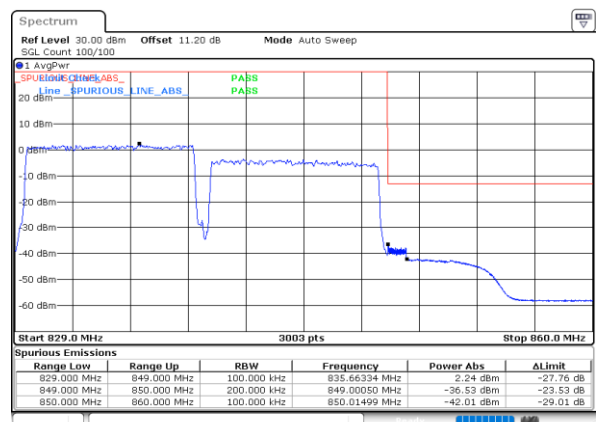
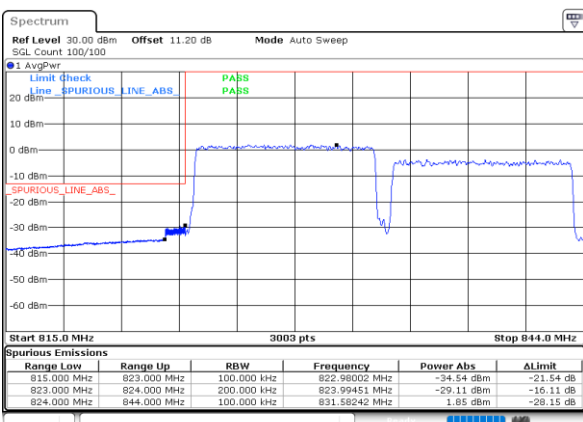
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

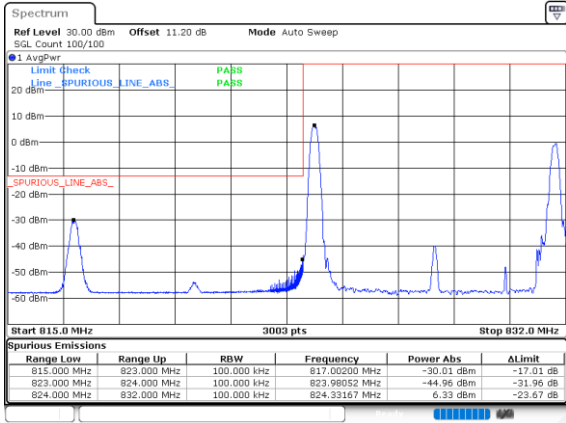




LTE Band 5B / 3MHz+5MHz

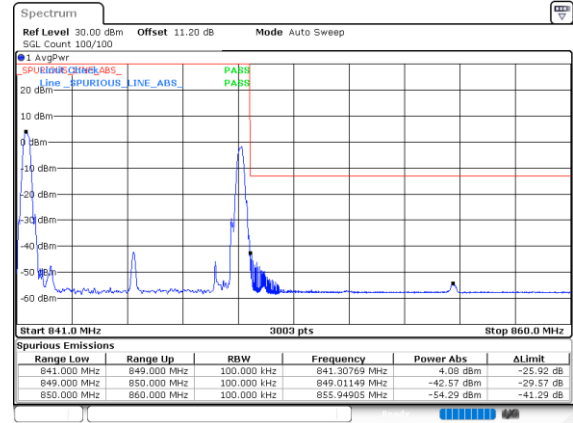
256QAM

Lowest Band Edge / 1RB0 and 1RB24



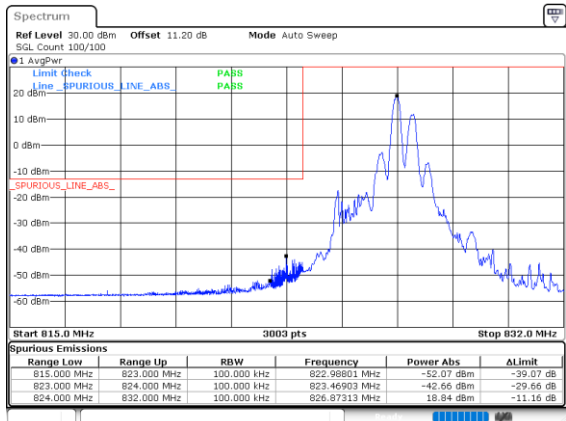
Date: 4.AUG.2022 23:23:07

Highest Band Edge / 1RB0 and 1RB24



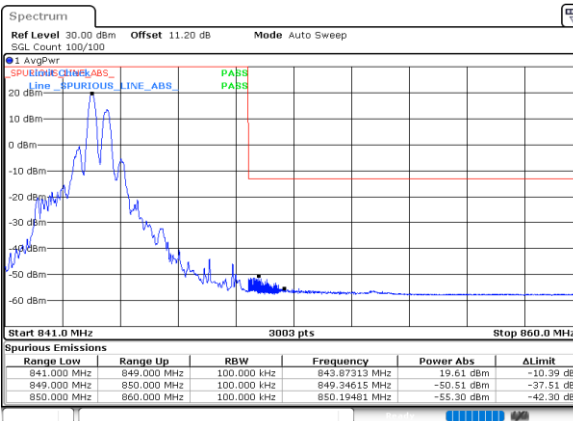
Date: 4.AUG.2022 23:31:54

Lowest Band Edge / 1RB14 and 1RB0



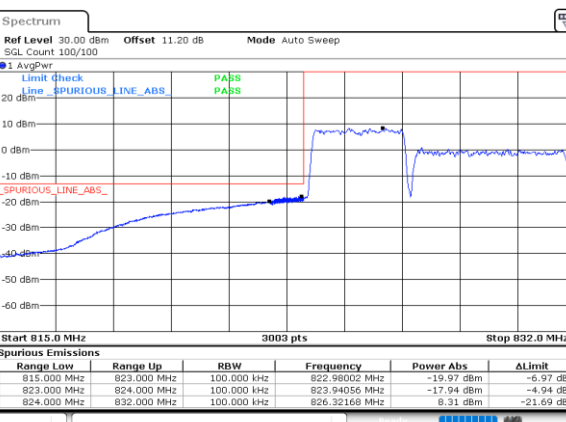
Date: 4.AUG.2022 23:28:20

Highest Band Edge / 1RB14 and 1RB0



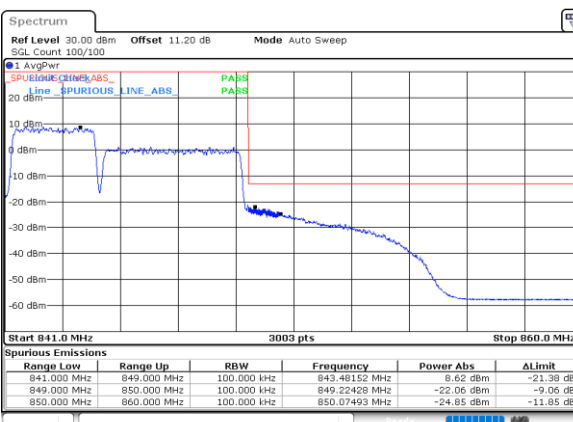
Date: 4.AUG.2022 00:52:47

Lowest Band Edge / Full RB



Date: 4.AUG.2022 00:53:55

Highest Band Edge / Full RB



Date: 4.AUG.2022 00:49:45

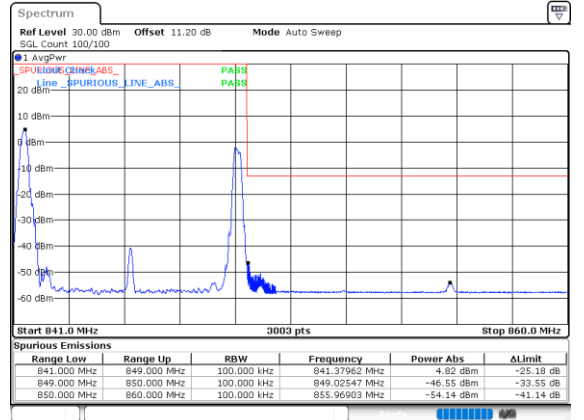
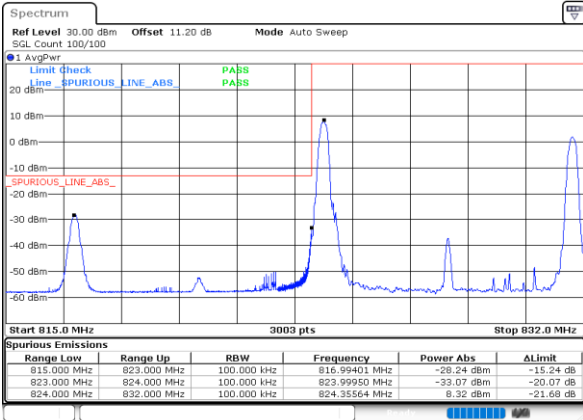


LTE Band 5B / 5MHz+3MHz

256QAM

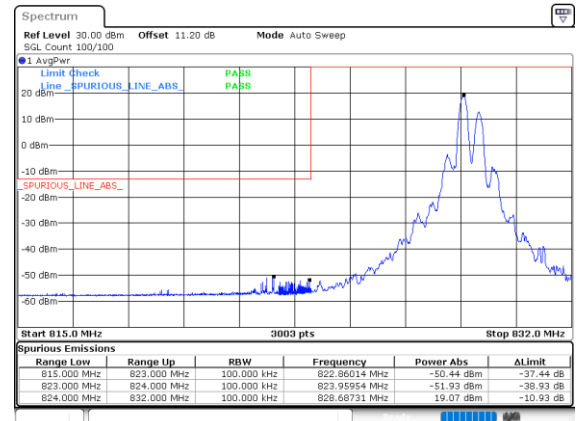
Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14



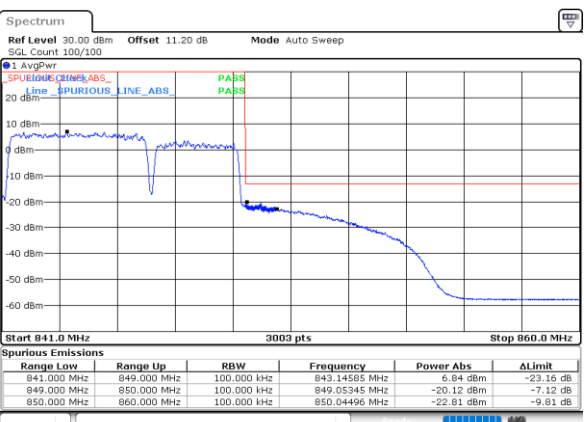
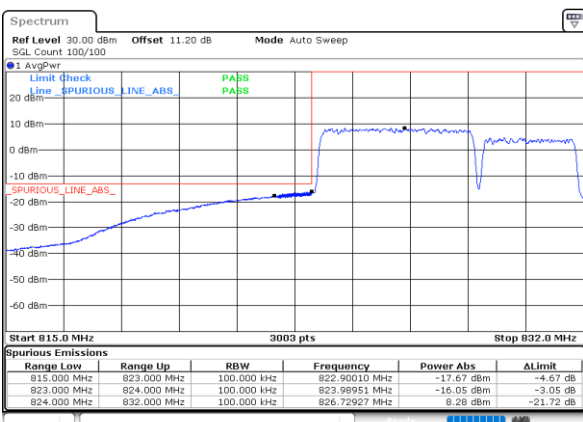
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



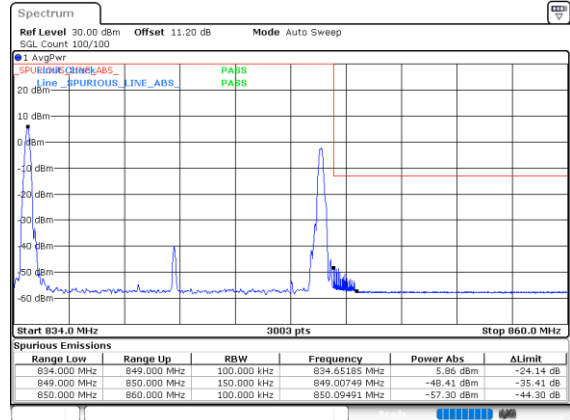
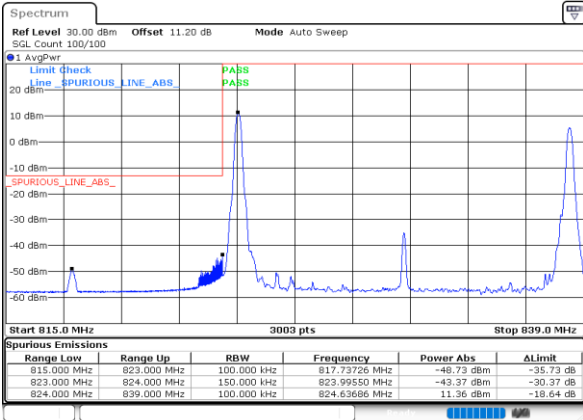


LTE Band 5B / 5MHz+10MHz

256QAM

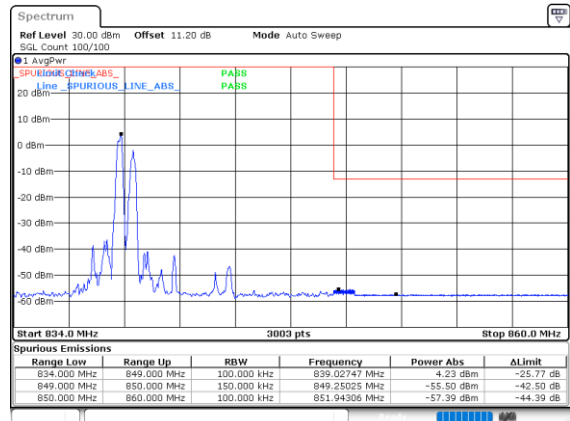
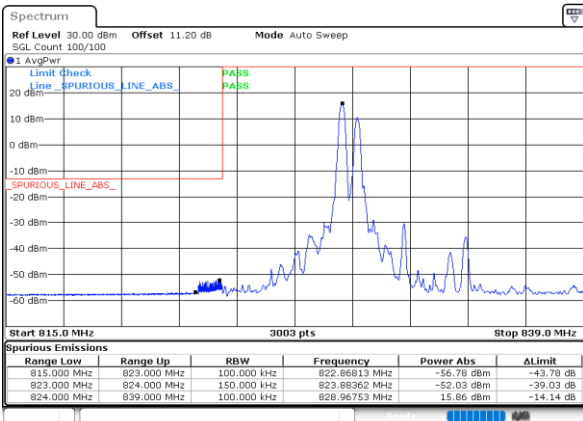
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



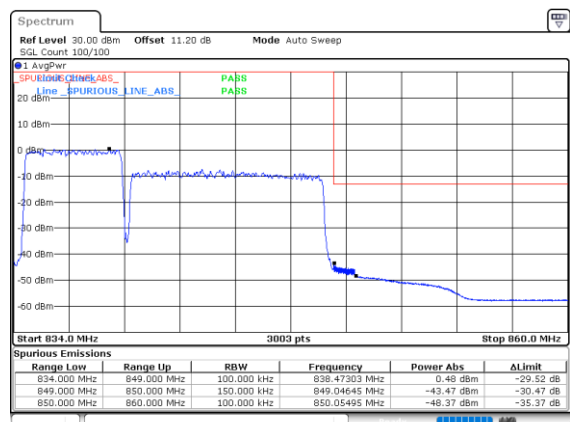
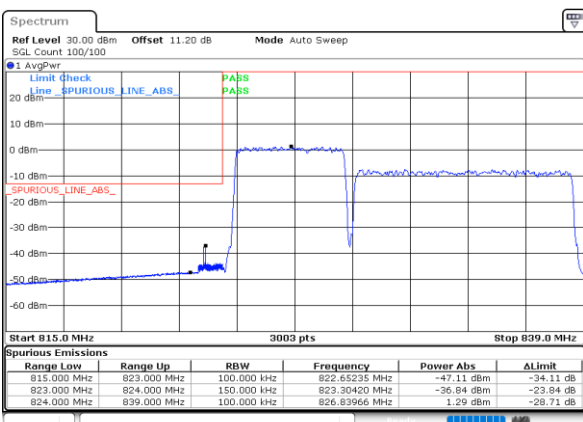
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



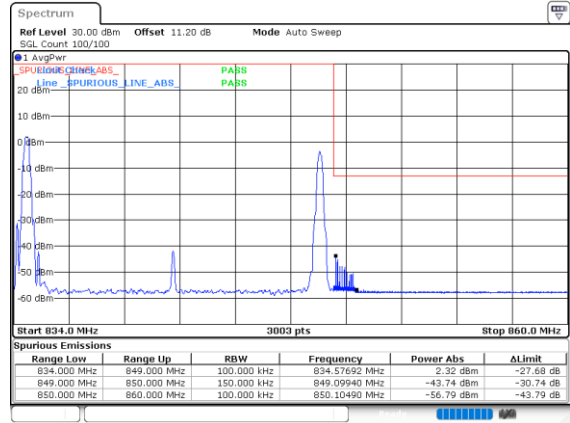
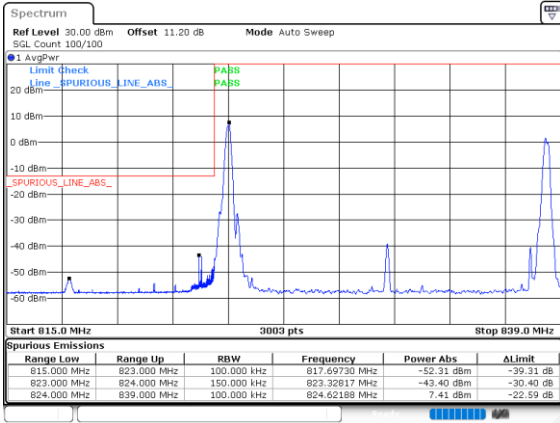


LTE Band 5B / 10MHz+5MHz

256QAM

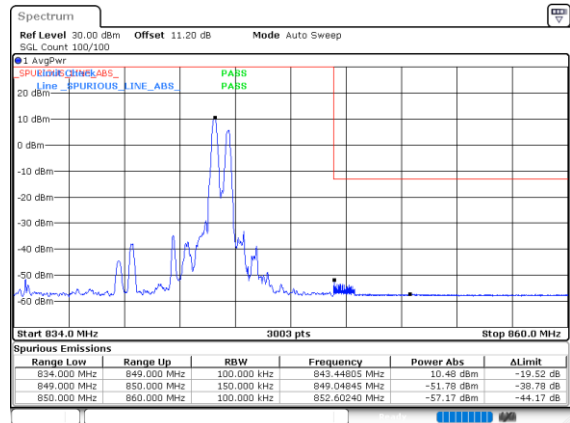
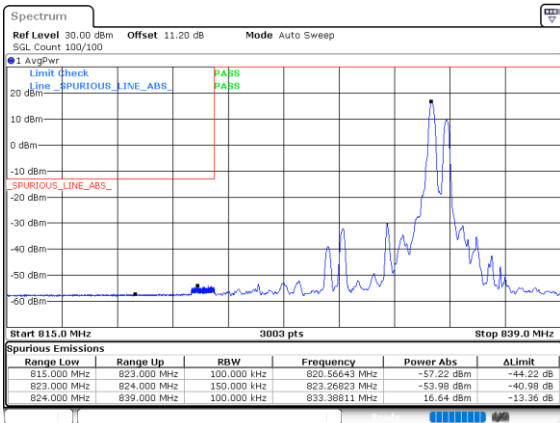
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



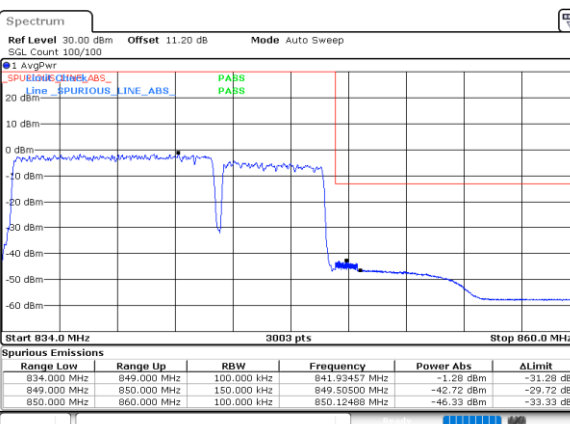
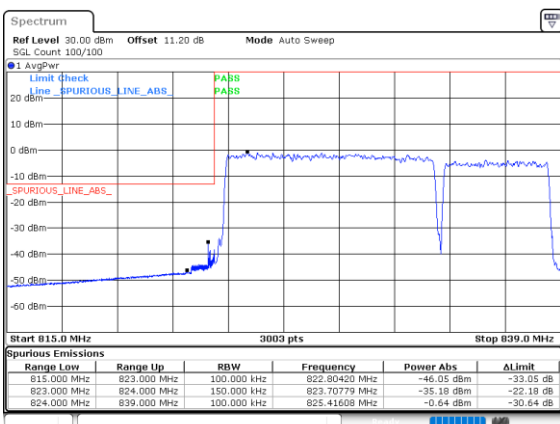
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

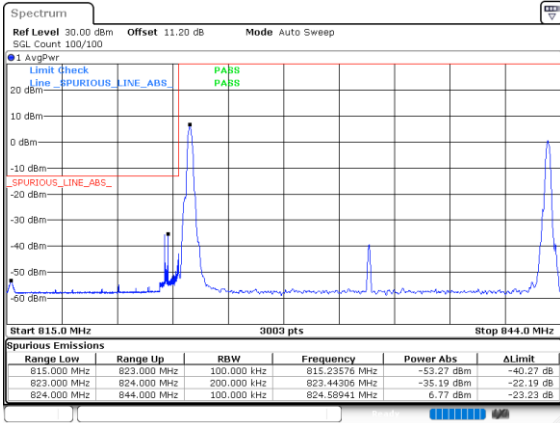




LTE Band 5B / 10MHz+10MHz

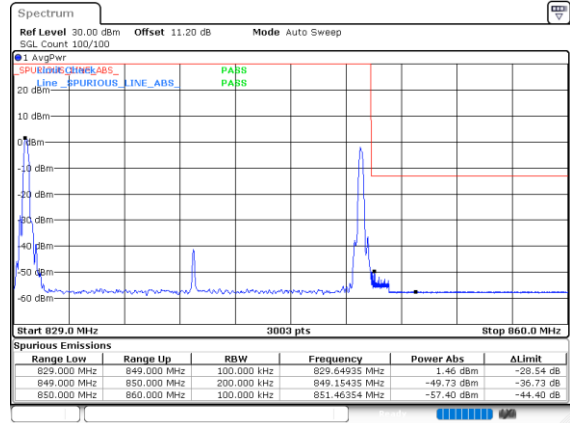
256QAM

Lowest Band Edge / 1RB0 and 1RB49



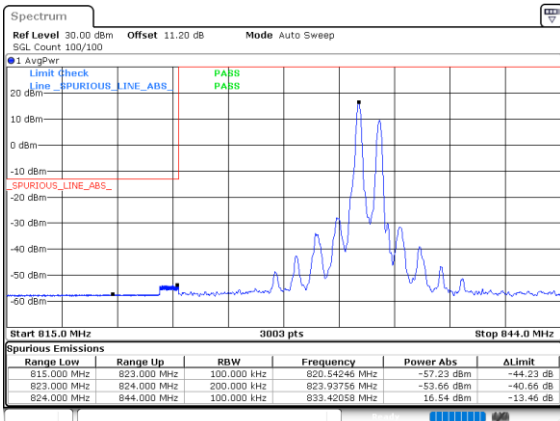
Date: 4.AUG.2022 04:23:34

Highest Band Edge / 1RB0 and 1RB49



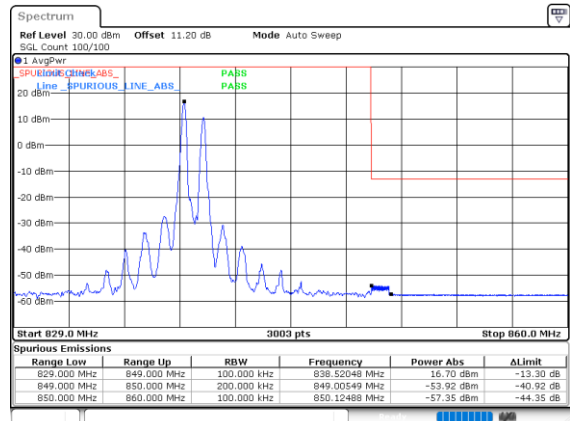
Date: 4.AUG.2022 04:26:34

Lowest Band Edge / 1RB49 and 1RB0



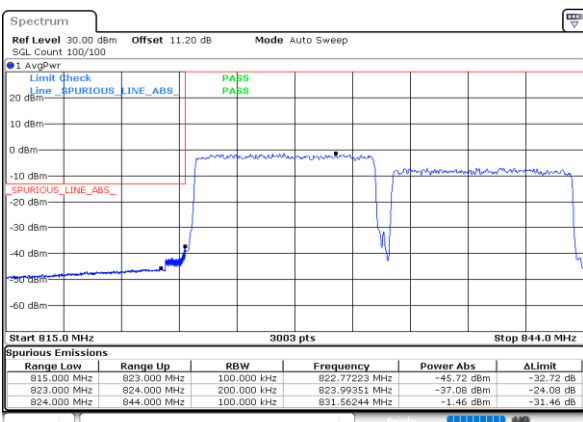
Date: 4.AUG.2022 04:24:50

Highest Band Edge / 1RB49 and 1RB0



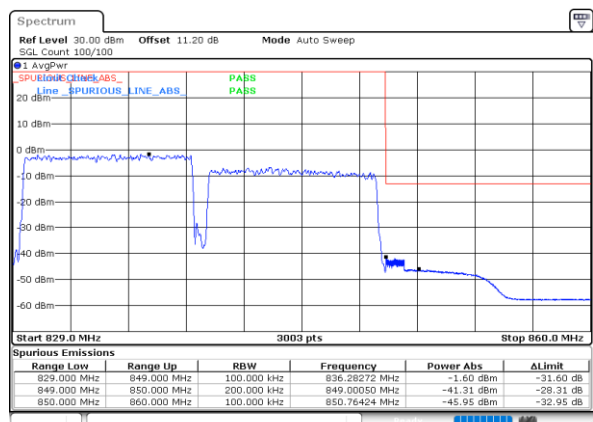
Date: 4.AUG.2022 04:27:52

Lowest Band Edge / Full RB



Date: 4.AUG.2022 03:05:14

Highest Band Edge / Full RB



Date: 4.AUG.2022 02:40:26



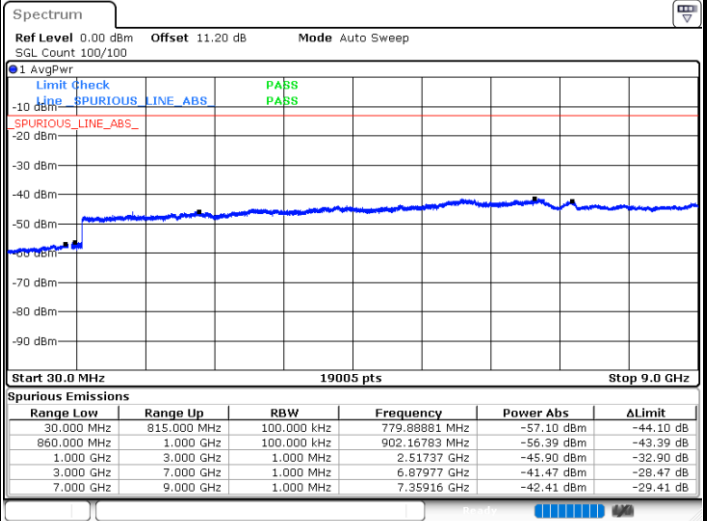
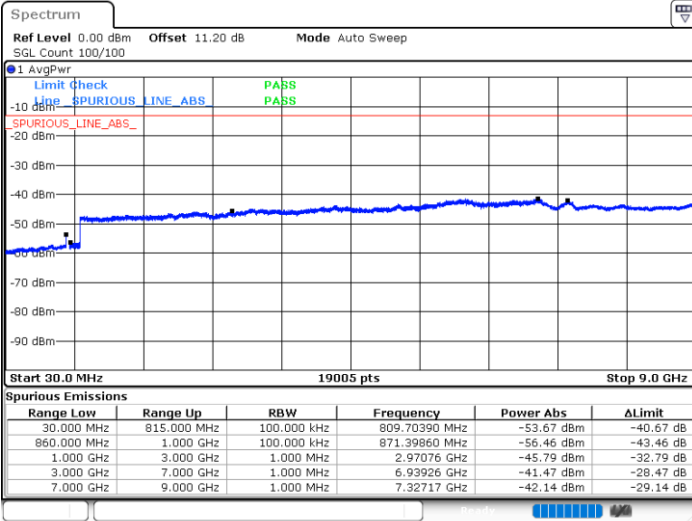
Conducted Spurious Emission

LTE Band 5B / 3MHz+5MHz

QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB14 and 1RB0

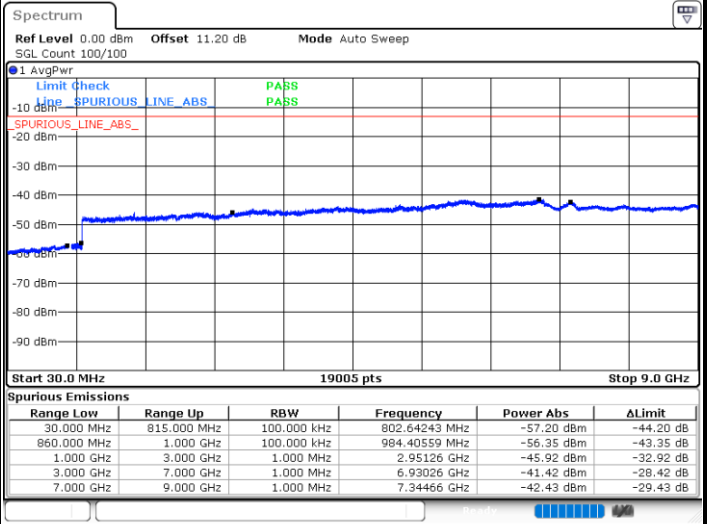
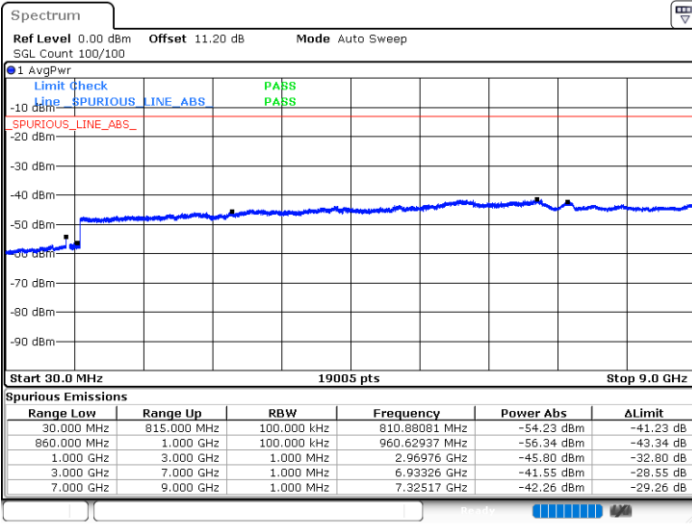


Date: 24.JUN.2022 15:11:58

Date: 24.JUN.2022 15:10:40

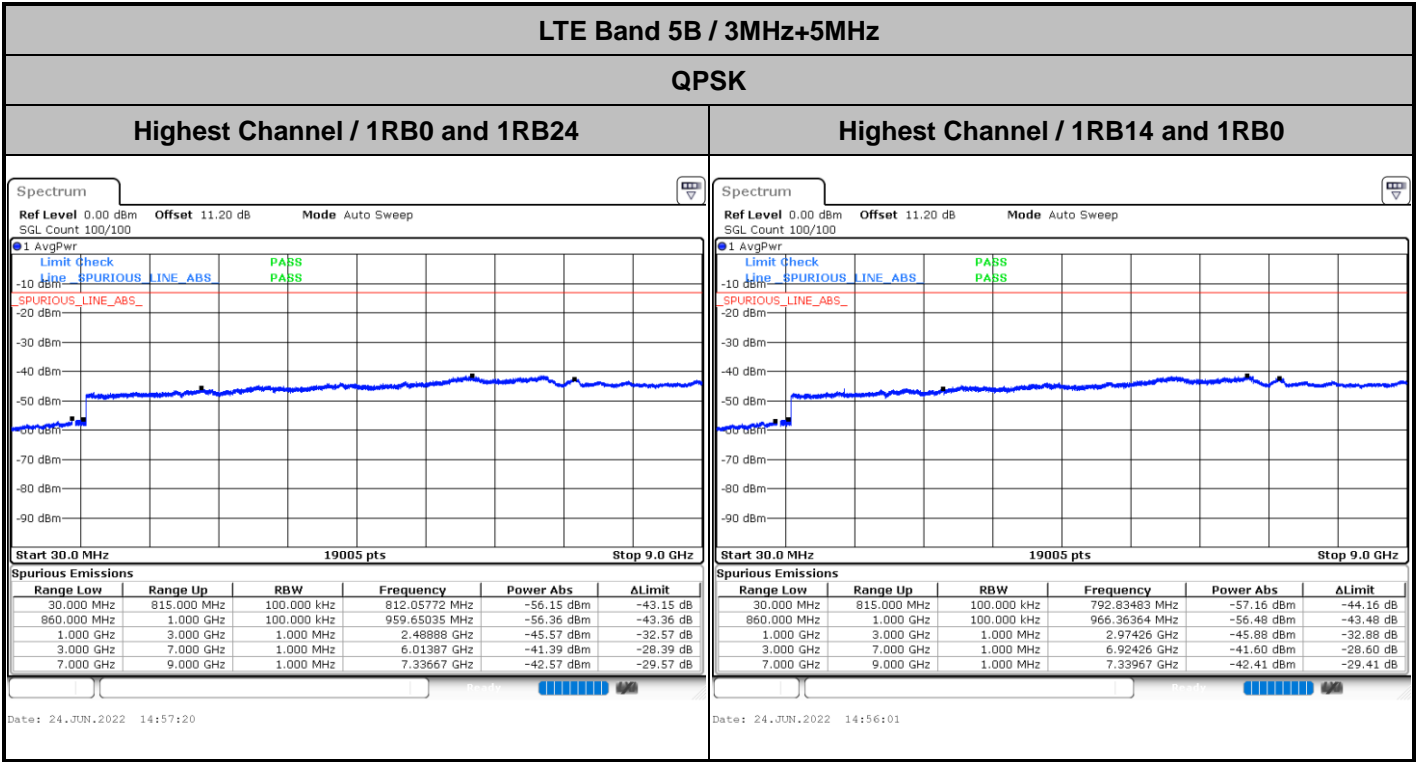
MiddleChannel / 1RB0 and 1RB24

Middle Channel / 1RB14 and 1RB0



Date: 24.JUN.2022 15:20:19

Date: 24.JUN.2022 15:22:55



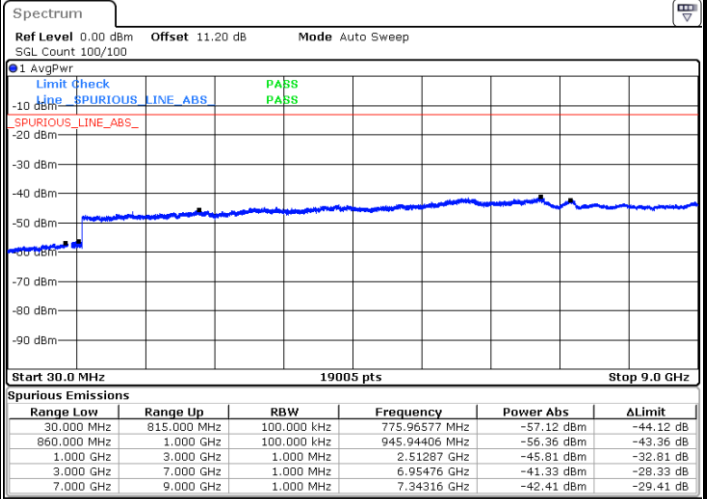
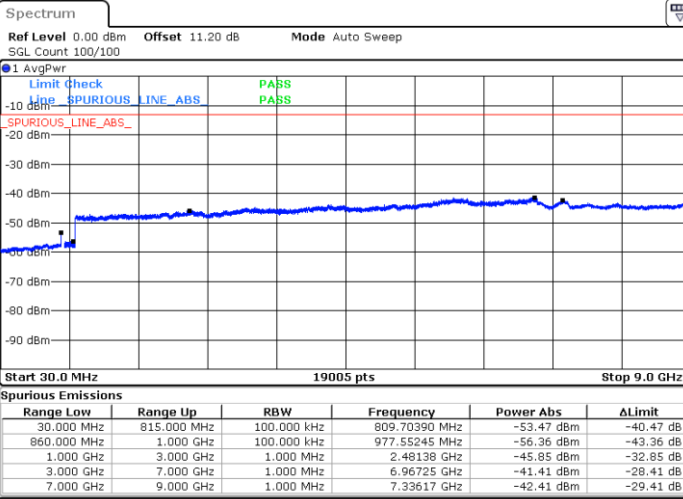


LTE Band 5B / 5MHz+3MHz

QPSK

Lowest Channel / 1RB0 and 1RB14

Lowest Channel / 1RB24 and 1RB0

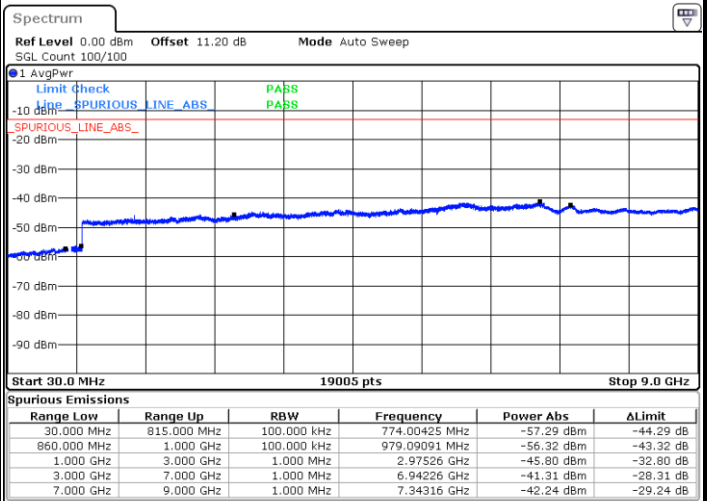
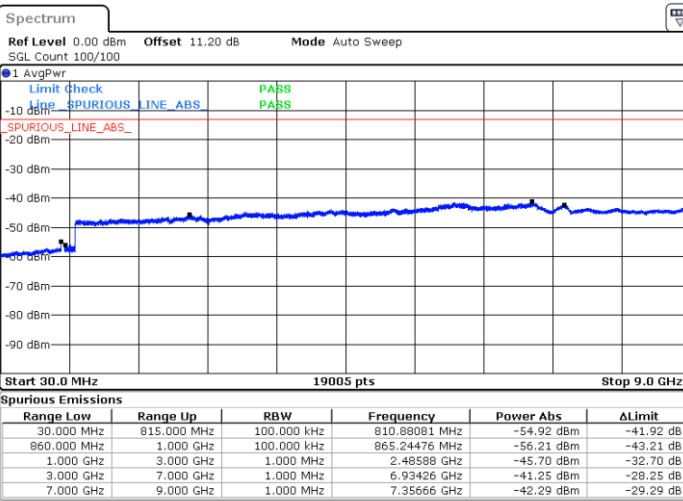


Date: 24.JUN.2022 16:25:01

Date: 24.JUN.2022 16:23:44

Middle Channel / 1RB0 and 1RB14

Middle Channel / 1RB24 and 1RB0



Date: 24.JUN.2022 16:41:33

Date: 24.JUN.2022 16:42:51

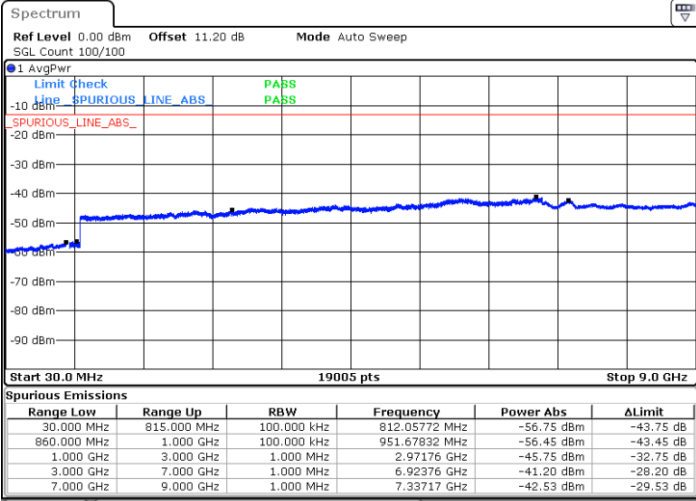


LTE Band 5B / 5MHz+3MHz

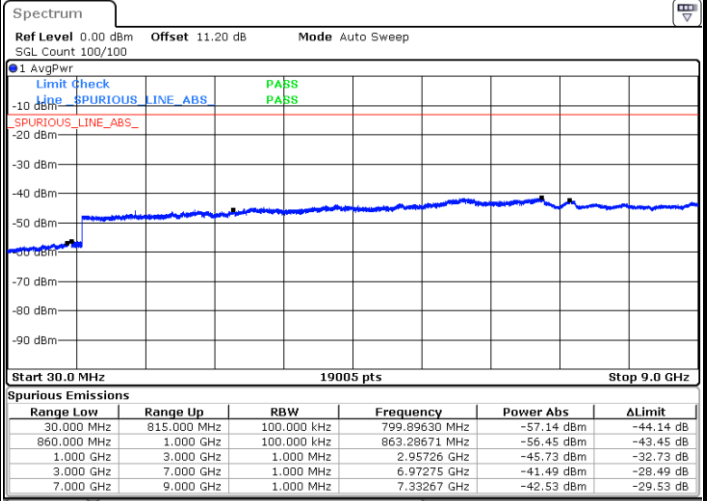
QPSK

Highest Channel / 1RB0 and 1RB14

Highest Channel / 1RB24 and 1RB0



Date: 24.JUN.2022 15:56:48



Date: 24.JUN.2022 15:55:30

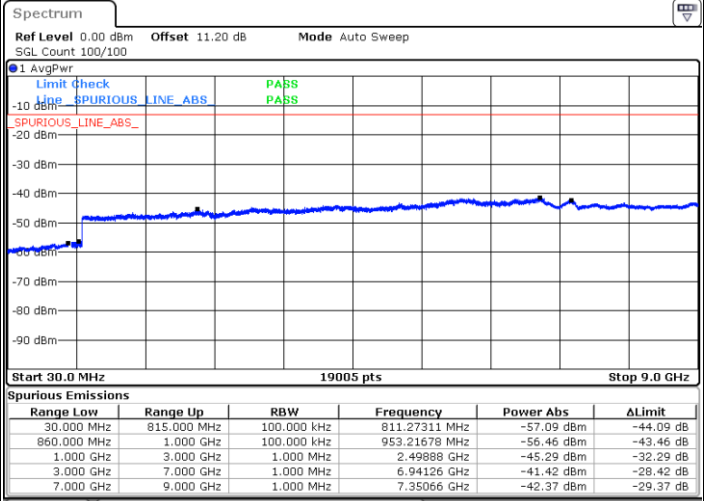
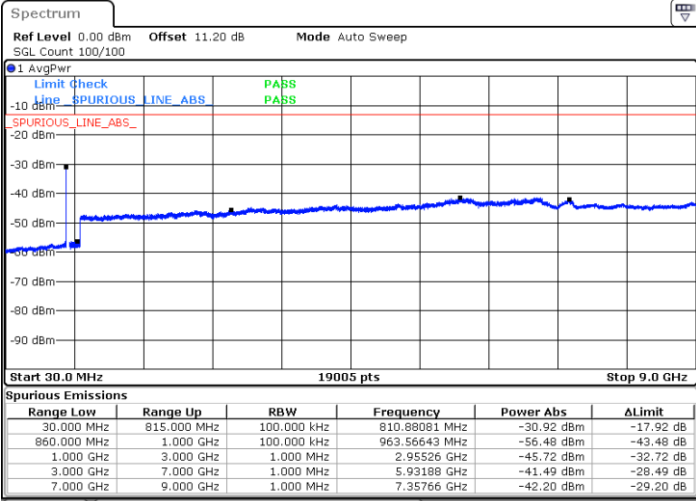


LTE Band 5B / 5MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB24 and 1RB0

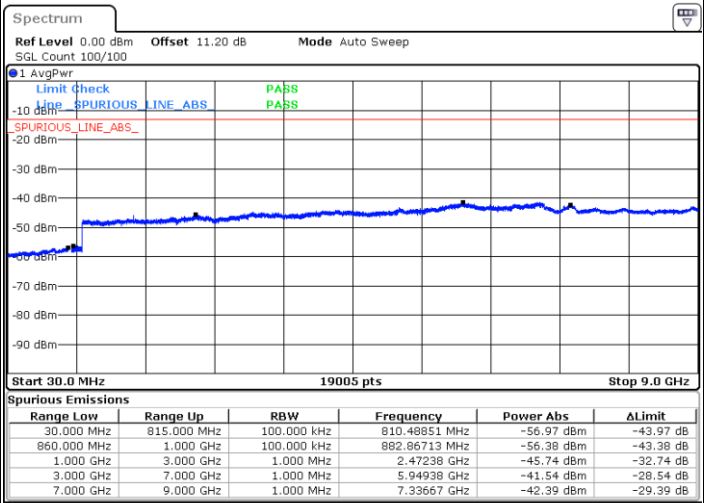
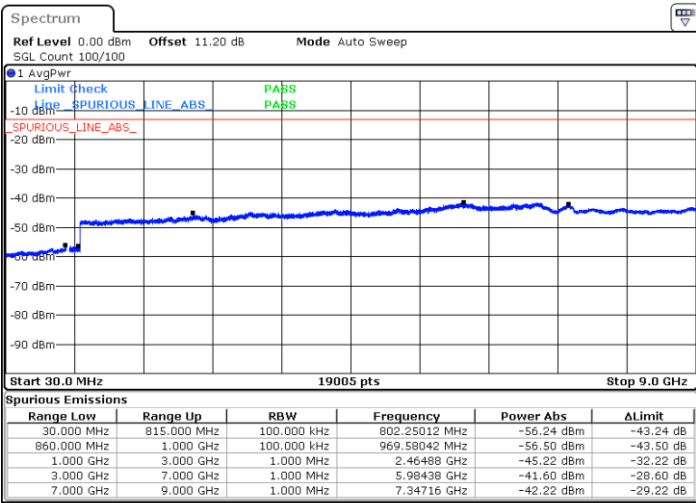


Date: 24.JUN.2022 17:32:19

Date: 24.JUN.2022 17:31:02

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB24 and 1RB0



Date: 24.JUN.2022 17:53:50

Date: 24.JUN.2022 17:56:20

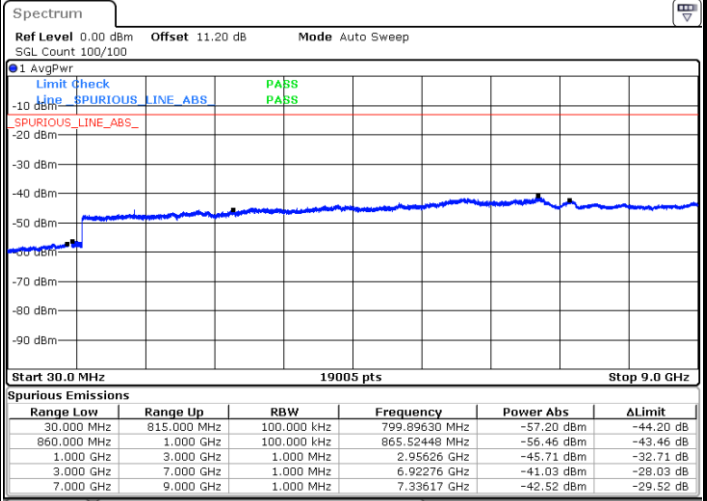
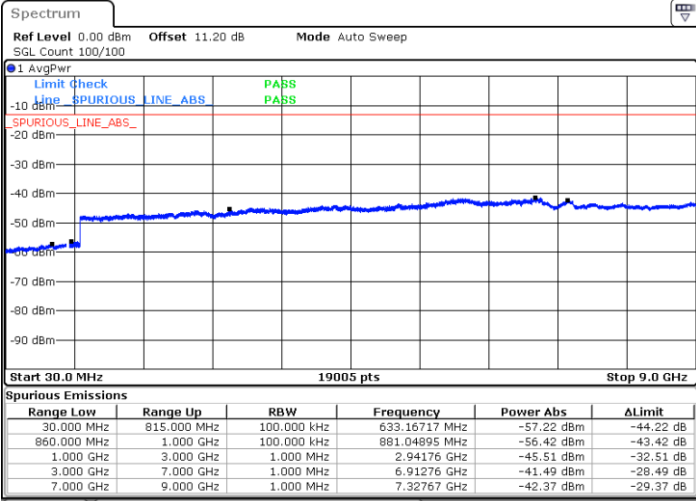


LTE Band 5B / 5MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB24 and 1RB0



Date: 24.JUN.2022 17:03:57

Date: 24.JUN.2022 17:02:39

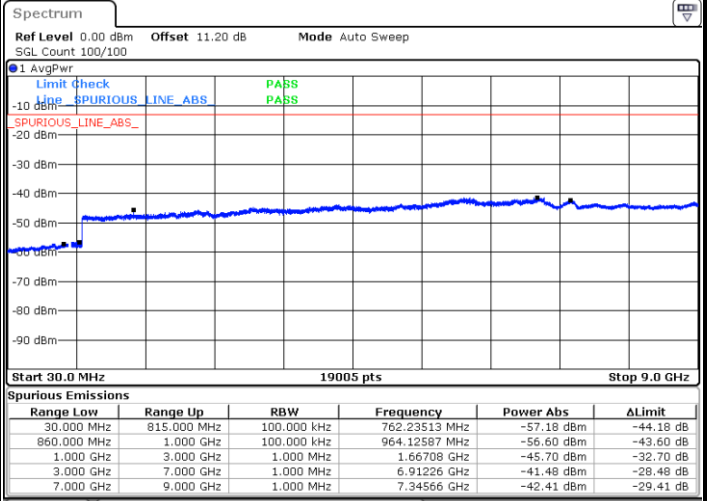
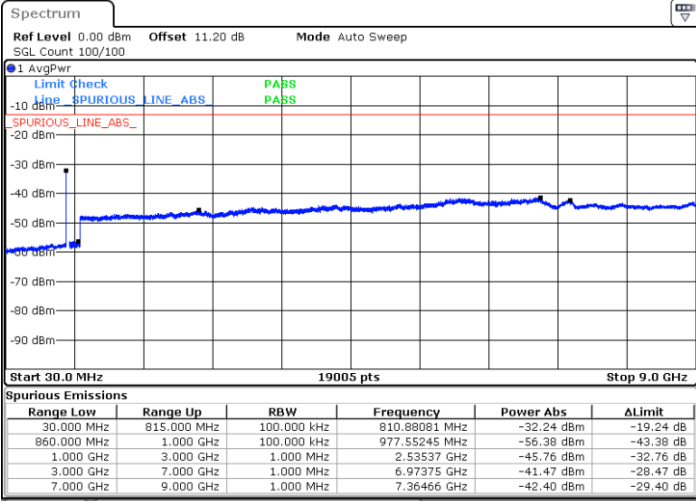


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB49 and 1RB0

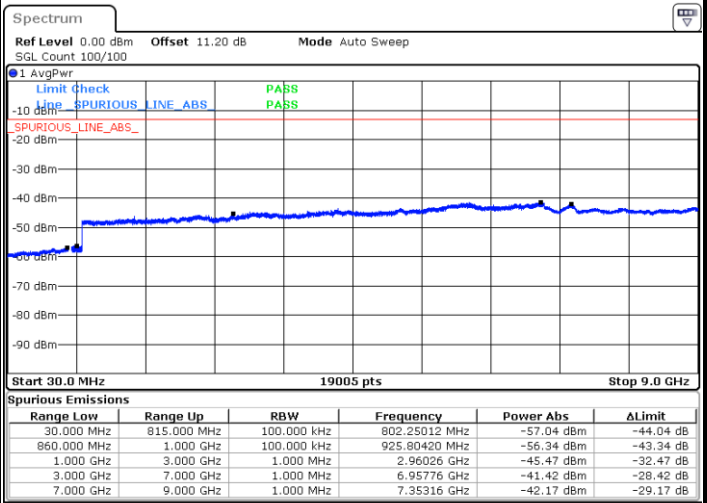
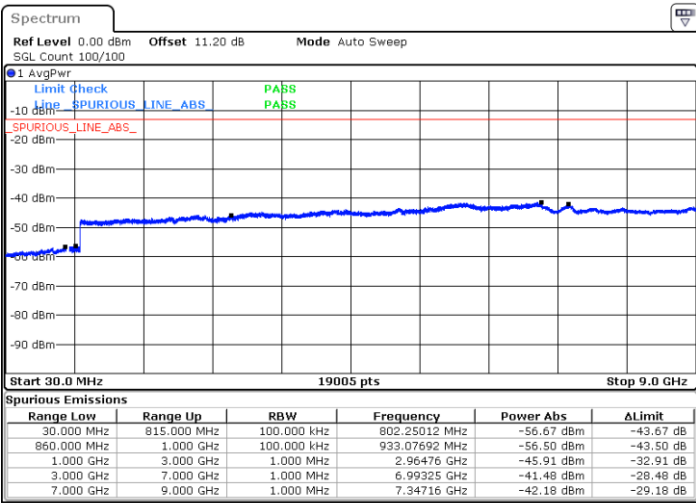


Date: 24.JUN.2022 18:42:45

Date: 24.JUN.2022 18:41:27

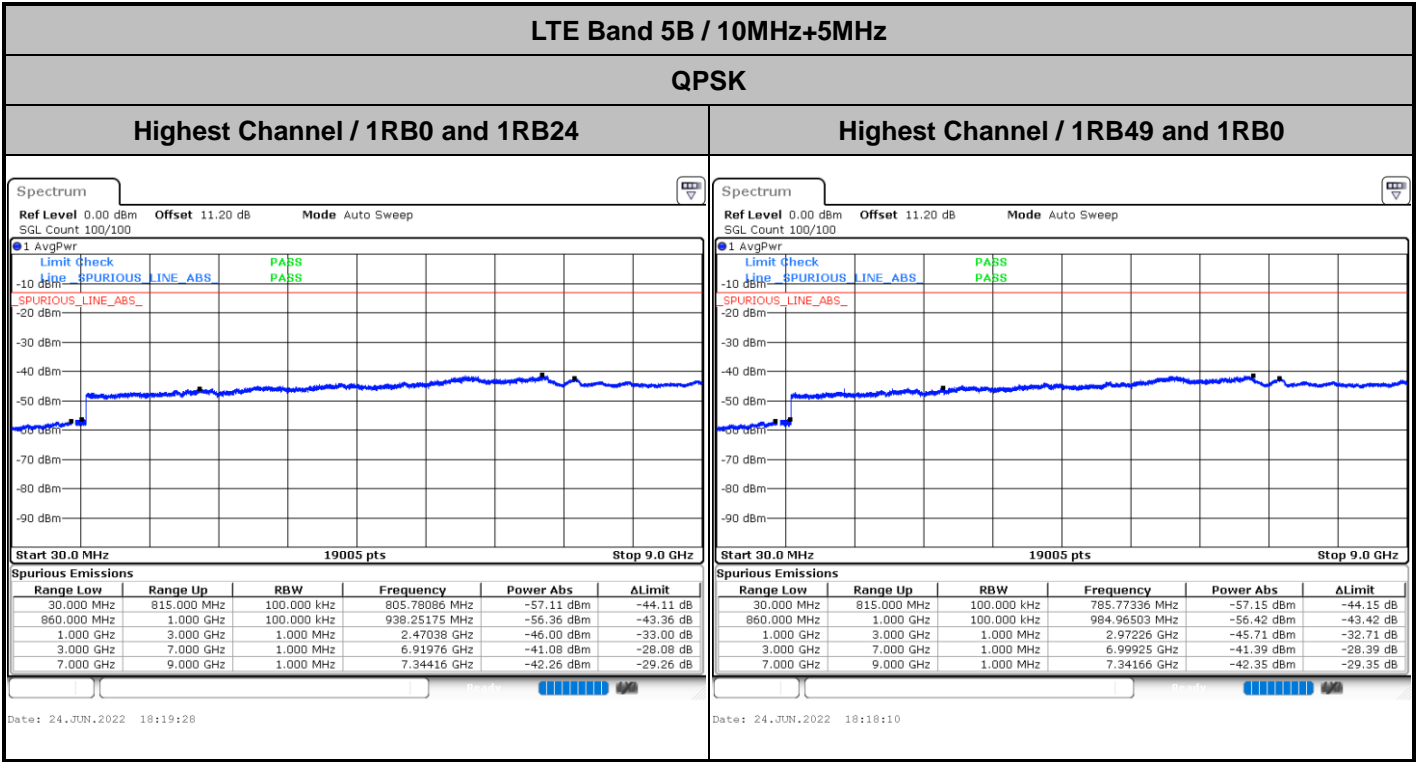
Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB49 and 1RB0



Date: 24.JUN.2022 18:56:42

Date: 24.JUN.2022 18:58:00



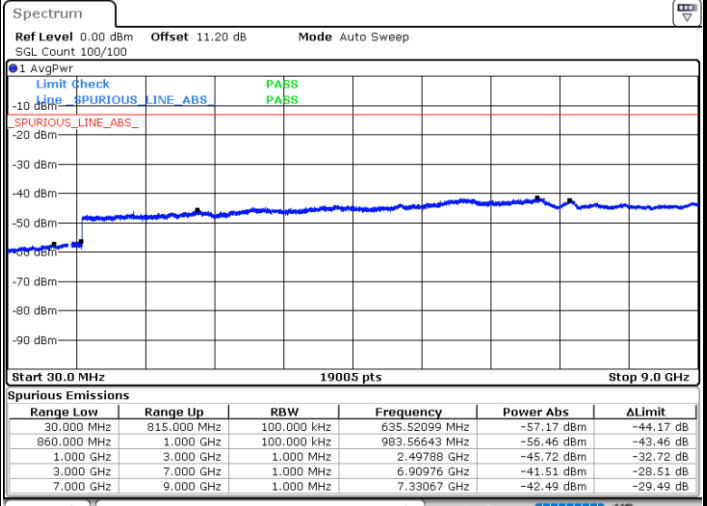
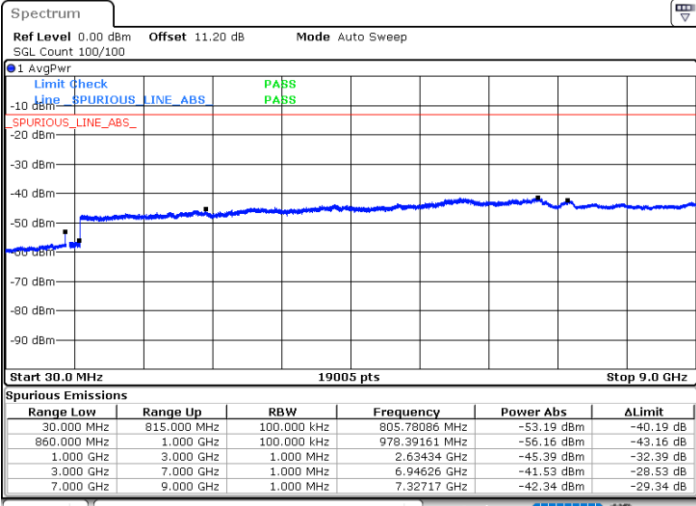


LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0

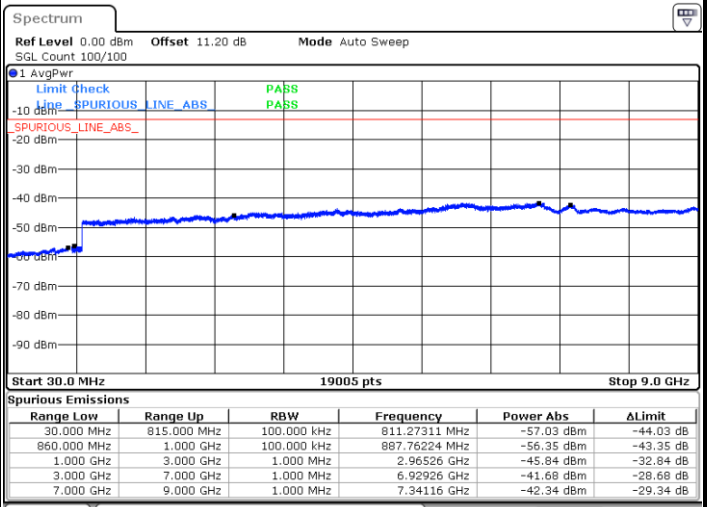
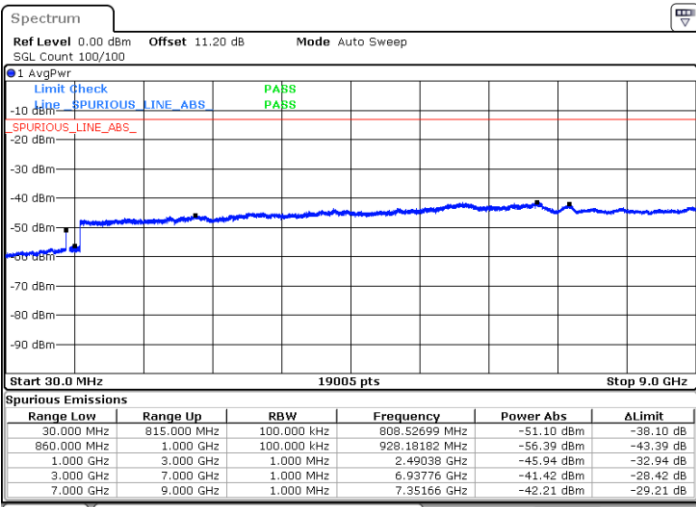


Date: 24.JUN.2022 19:36:09

Date: 24.JUN.2022 19:34:56

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



Date: 24.JUN.2022 19:43:36

Date: 24.JUN.2022 19:44:50

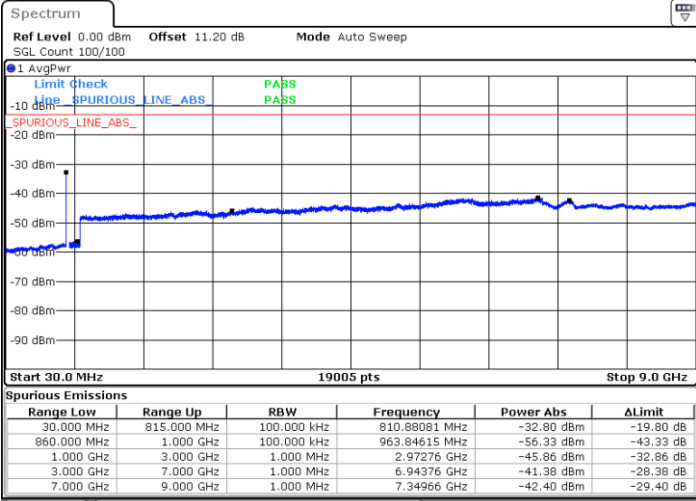


LTE Band 5B / 10MHz+10MHz

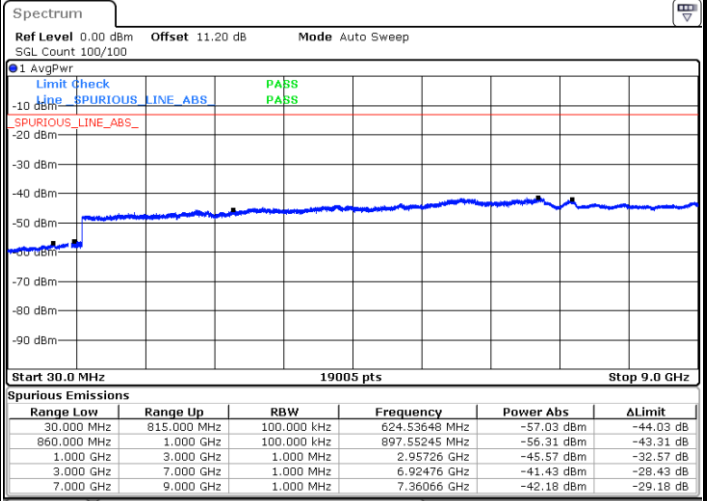
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



Date: 24.JUN.2022 19:17:25



Date: 24.JUN.2022 19:16:12



LTE Band 12

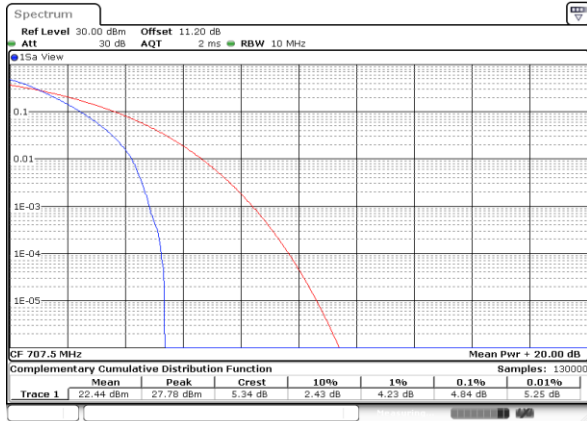
Peak-to-Average Ratio

| Mode | LTE Band 12 / 10MHz | | | | |
|-----------|---------------------|---------|---------|---------|-------------|
| Mod. | QPSK | 16QAM | 64QAM | 256QAM | Limit: 13dB |
| RB Size | Full RB | Full RB | Full RB | Full RB | Result |
| Middle CH | 4.84 | 5.80 | 6.43 | 6.70 | PASS |



LTE Band 12 / 10MHz / QPSK

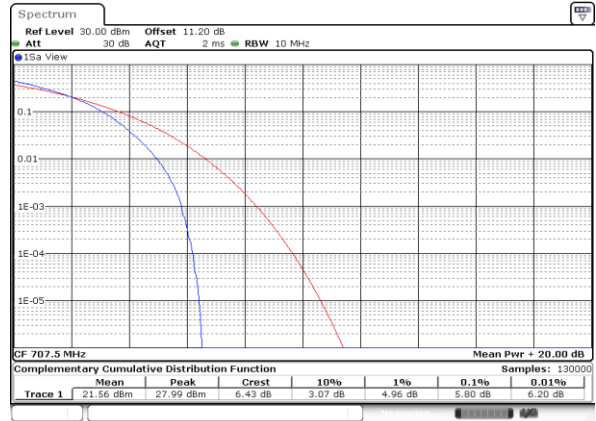
Middle Channel / Full RB



Date: 17 JUN 2022 22:01:06

LTE Band 12 / 10MHz / 16QAM

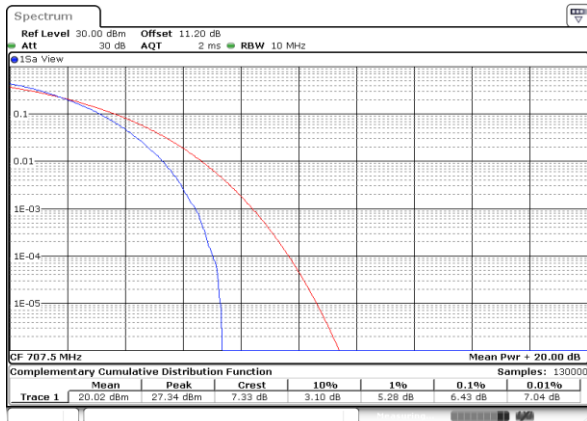
Middle Channel / Full RB



Date: 17 JUN 2022 22:00:35

LTE Band 12 / 10MHz / 64QAM

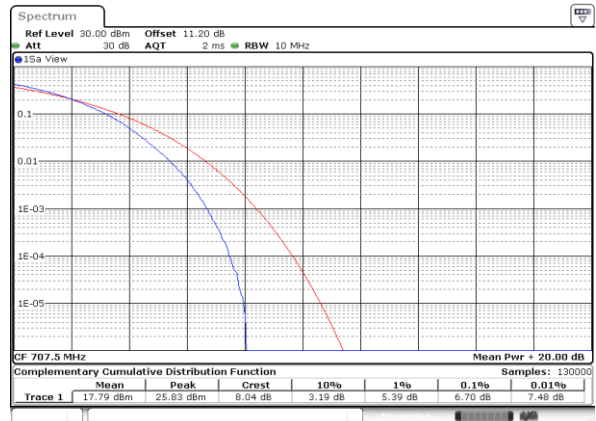
Middle Channel / Full RB



Date: 22 JUN 2022 00:24:55

LTE Band 12 / 10MHz / 256QAM

Middle Channel / Full RB



Date: 22 JUN 2022 00:25:54



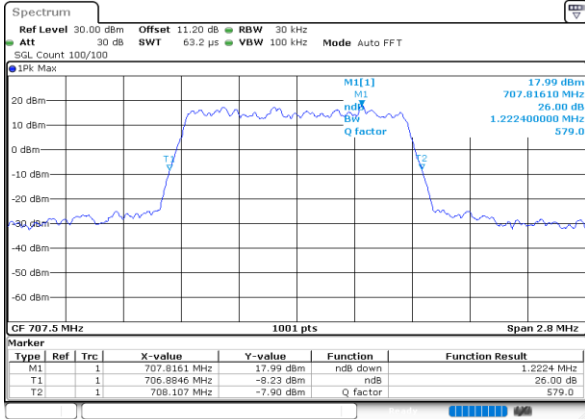
26dB Bandwidth

| Mode | LTE Band 12 : 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 | 1.22 | 1.23 | 3.05 | 3.02 | 4.88 | 4.92 | 9.89 | 9.67 | - | - | - | - |
| Mode | LTE Band 12 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 1.22 | 1.22 | 2.99 | 2.96 | 4.91 | 4.81 | 9.89 | 9.75 | - | - | - | - |



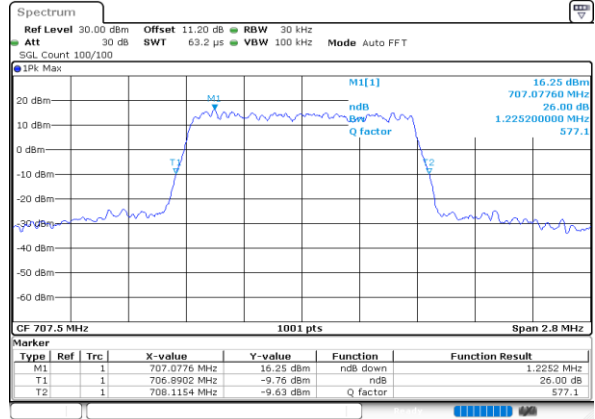
LTE Band 12

Middle Channel / 1.4MHz / QPSK



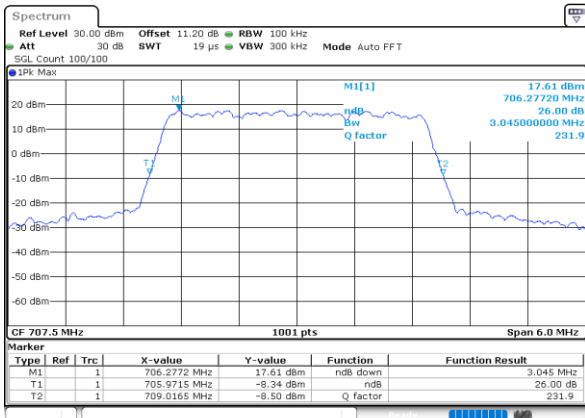
Date: 17 JUN 2022 21:02:59

Middle Channel / 1.4MHz / 16QAM



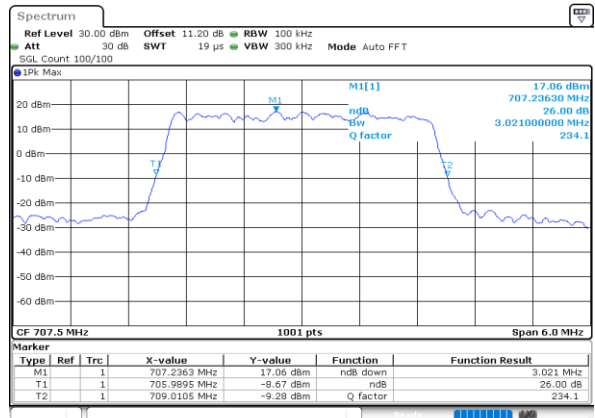
Date: 17 JUN 2022 21:03:28

Middle Channel / 3MHz / QPSK



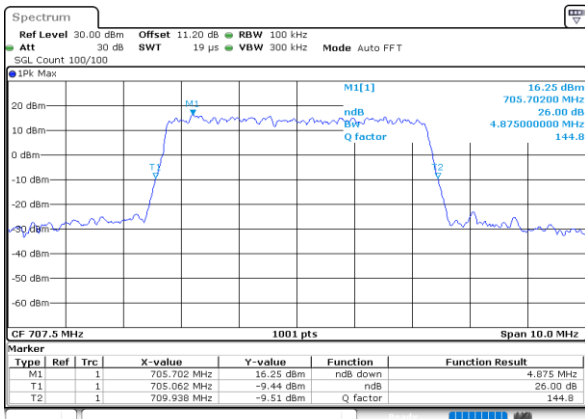
Date: 17 JUN 2022 21:18:27

Middle Channel / 3MHz / 16QAM



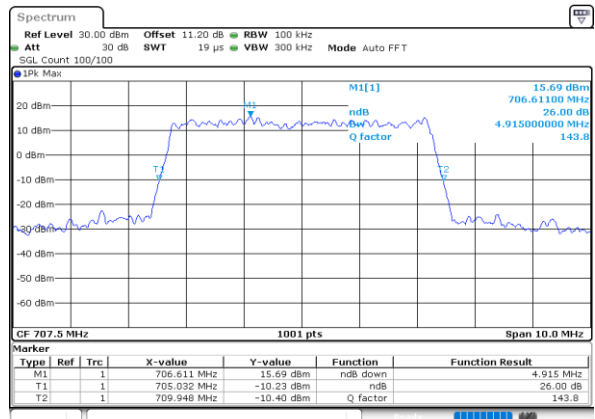
Date: 17 JUN 2022 21:18:56

Middle Channel / 5MHz / QPSK



Date: 17 JUN 2022 21:37:58

Middle Channel / 5MHz / 16QAM

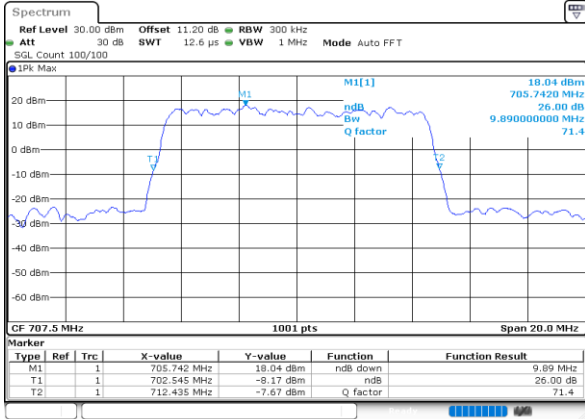


Date: 17 JUN 2022 21:38:26



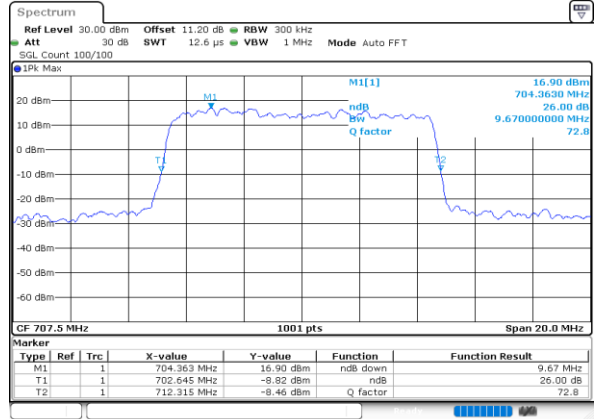
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 17 JUN 2022 21:49:29

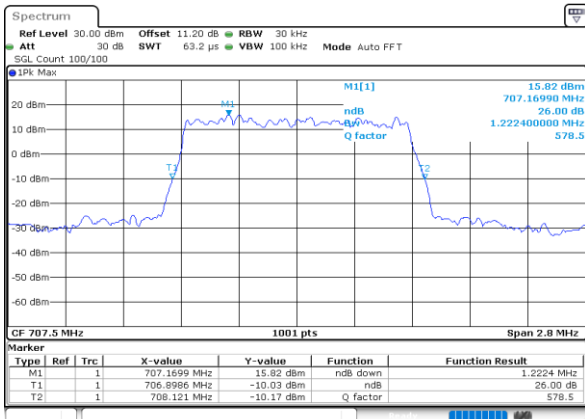
Middle Channel / 10MHz / 16QAM



Date: 17 JUN 2022 21:49:58

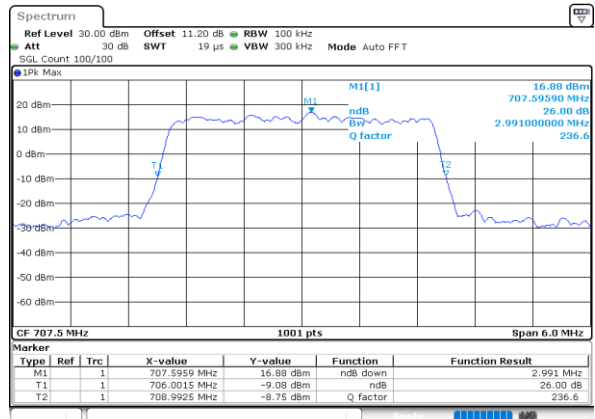
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



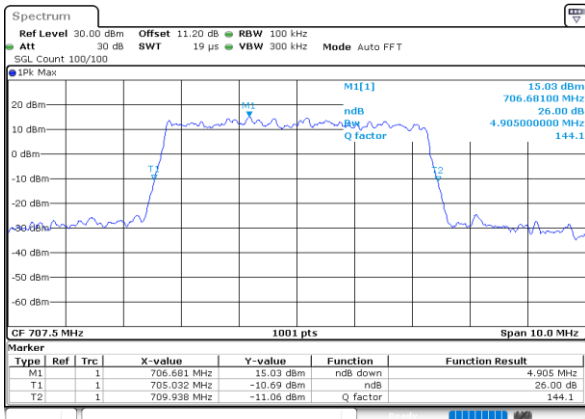
Date: 17 JUN 2022 21:11:22

Middle Channel / 3MHz / 64QAM



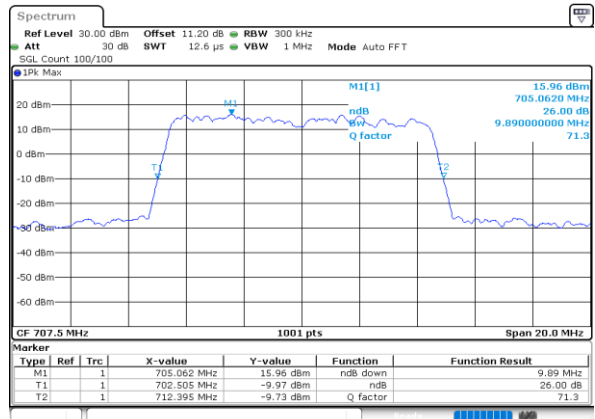
Date: 17 JUN 2022 21:26:51

Middle Channel / 5MHz / 64QAM



Date: 17 JUN 2022 21:30:57

Middle Channel / 10MHz / 64QAM

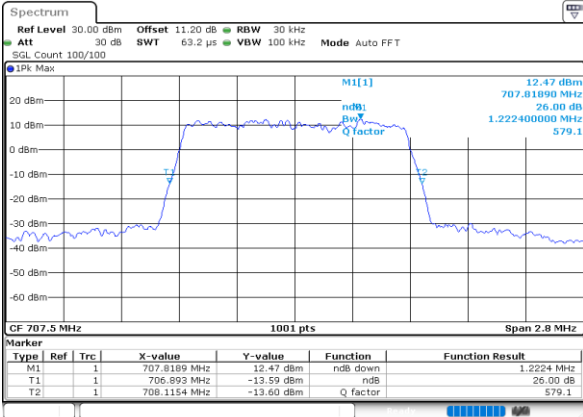


Date: 17 JUN 2022 21:57:56



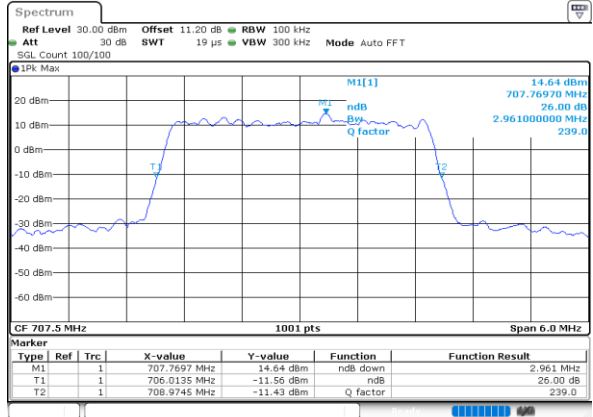
LTE Band 12

Middle Channel / 1.4MHz / 256QAM



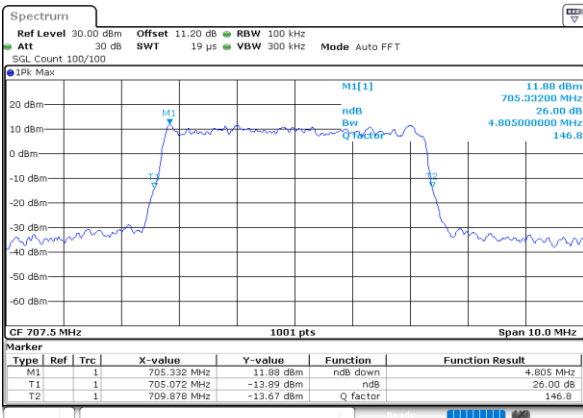
Date: 20 JUN 2022 23:55:53

Middle Channel / 3MHz / 256QAM



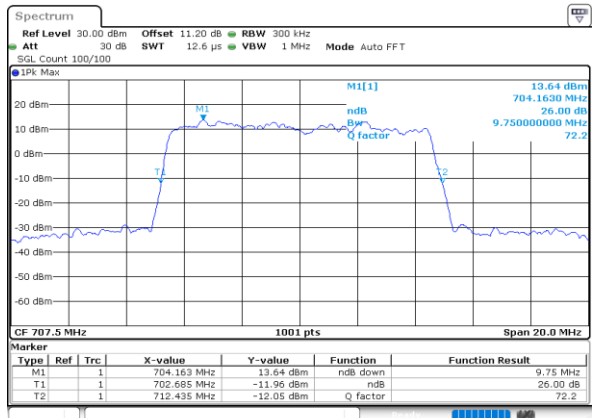
Date: 20 JUN 2022 23:58:54

Middle Channel / 5MHz / 256QAM



Date: 21 JUN 2022 00:16:56

Middle Channel / 10MHz / 256QAM



Date: 21 JUN 2022 00:40:30



Occupied Bandwidth

| Mode | LTE Band 12 : 99%OBW(MHz) | | | | | | | | | | | |
|-----------|---------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Middle CH | 1.09 | 1.08 | 2.73 | 2.72 | 4.51 | 4.51 | 9.01 | 9.03 | - | - | - | - |
| Mode | LTE Band 12 : 99%OBW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM |
| Middle CH | 1.09 | 1.08 | 2.71 | 2.72 | 4.50 | 4.50 | 9.09 | 8.95 | - | - | - | - |