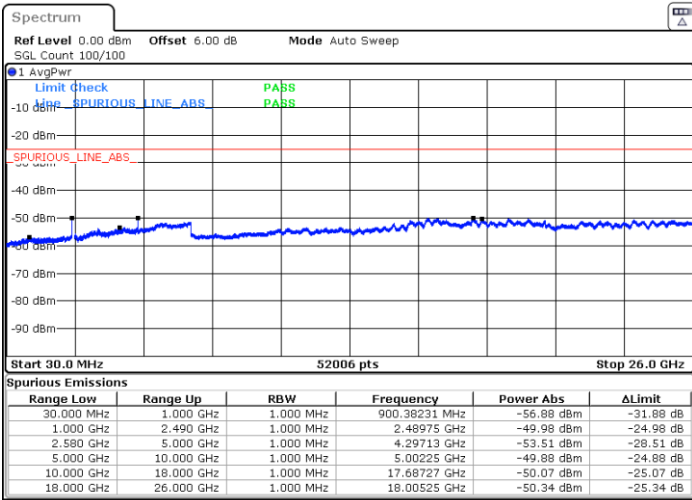




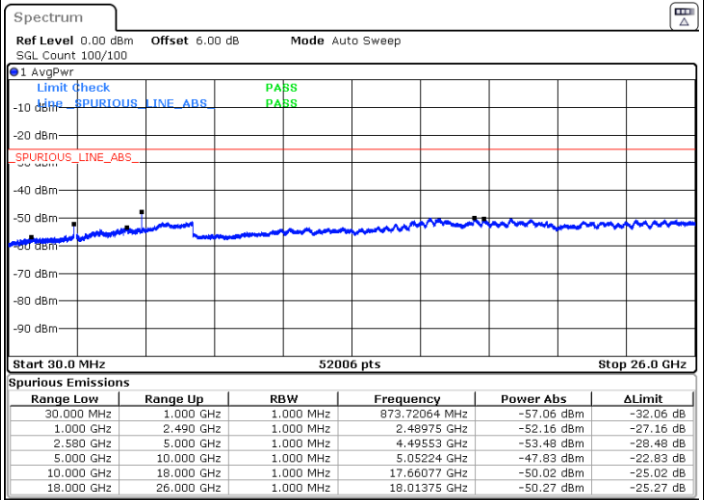
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

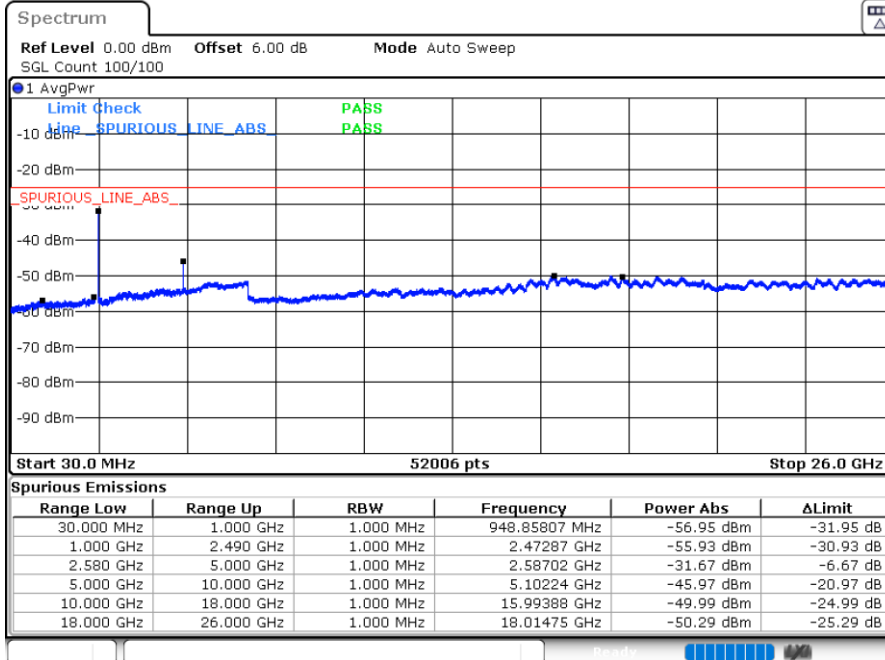


Date: 10.OCT.2022 11:22:40



Date: 10.OCT.2022 11:32:18

Highest Channel / QPSK



Date: 10.OCT.2022 11:33:37



Frequency Stability

| Test Conditions | | LTE Band 7 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0010 | PASS |
| 40 | Normal Voltage | 0.0021 | |
| 30 | Normal Voltage | 0.0045 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0060 | |
| 0 | Normal Voltage | 0.0015 | |
| -10 | Normal Voltage | 0.0019 | |
| -20 | Normal Voltage | 0.0031 | |
| -30 | Normal Voltage | 0.0006 | |
| 20 | Maximum Voltage | 0.0018 | |
| 20 | Normal Voltage | 0.0009 | |
| 20 | Battery End Point | 0.0003 | |

Note:

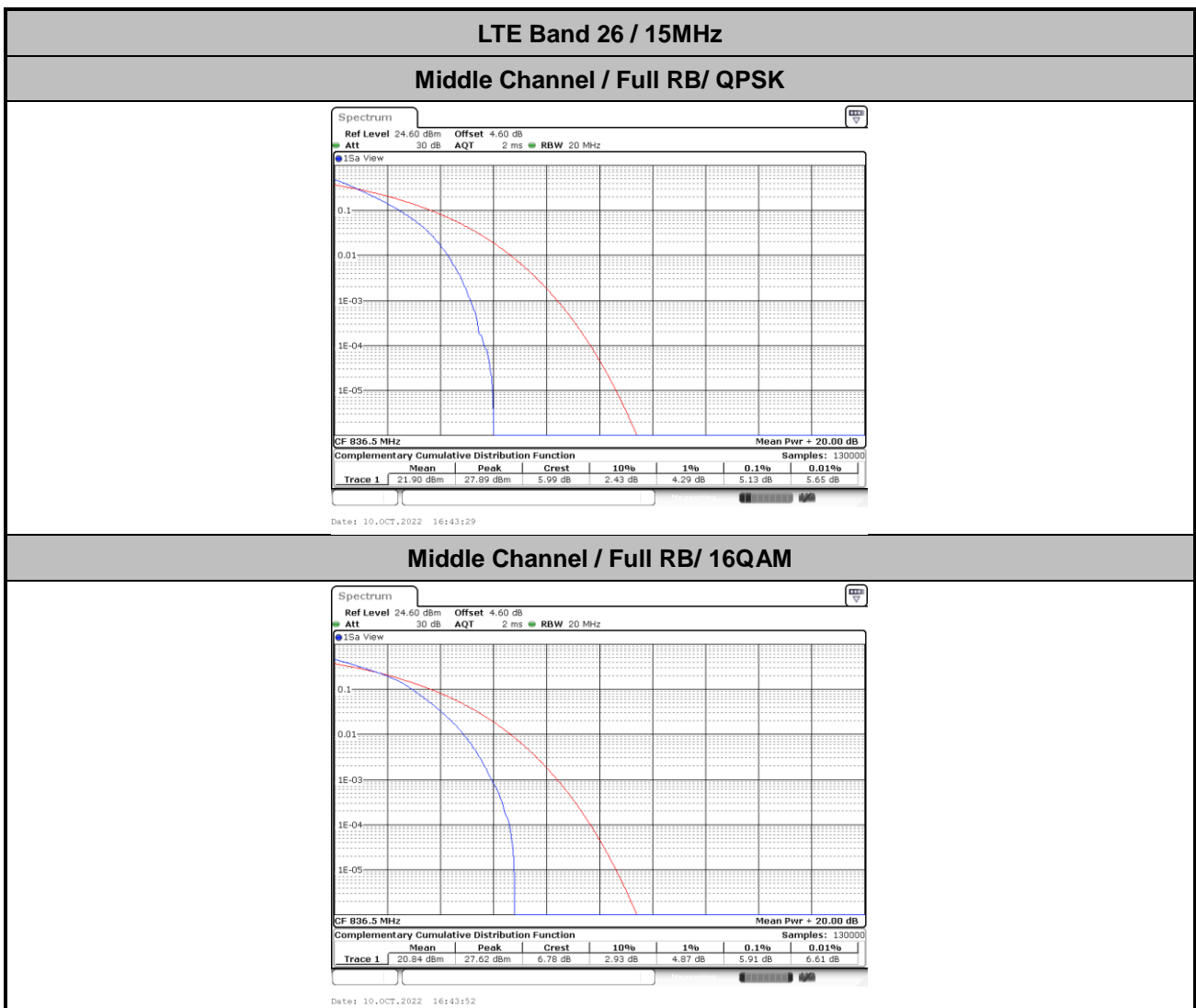
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26_Part 22H

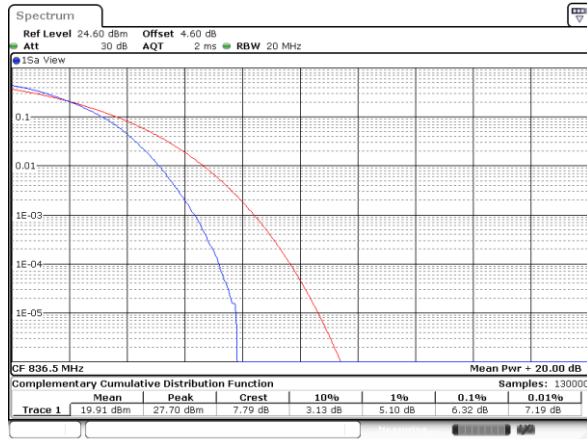
Peak-to-Average Ratio

| Mode | LTE Band 26 / 15MHz | | | |
|-----------|---------------------|---------|---------|-------------|
| Mod. | QPSK | 16QAM | 64QAM | Limit: 13dB |
| RB Size | Full RB | Full RB | Full RB | Result |
| Middle CH | 5.13 | 5.91 | 6.32 | PASS |





Middle Channel / Full RB/ 64QAM

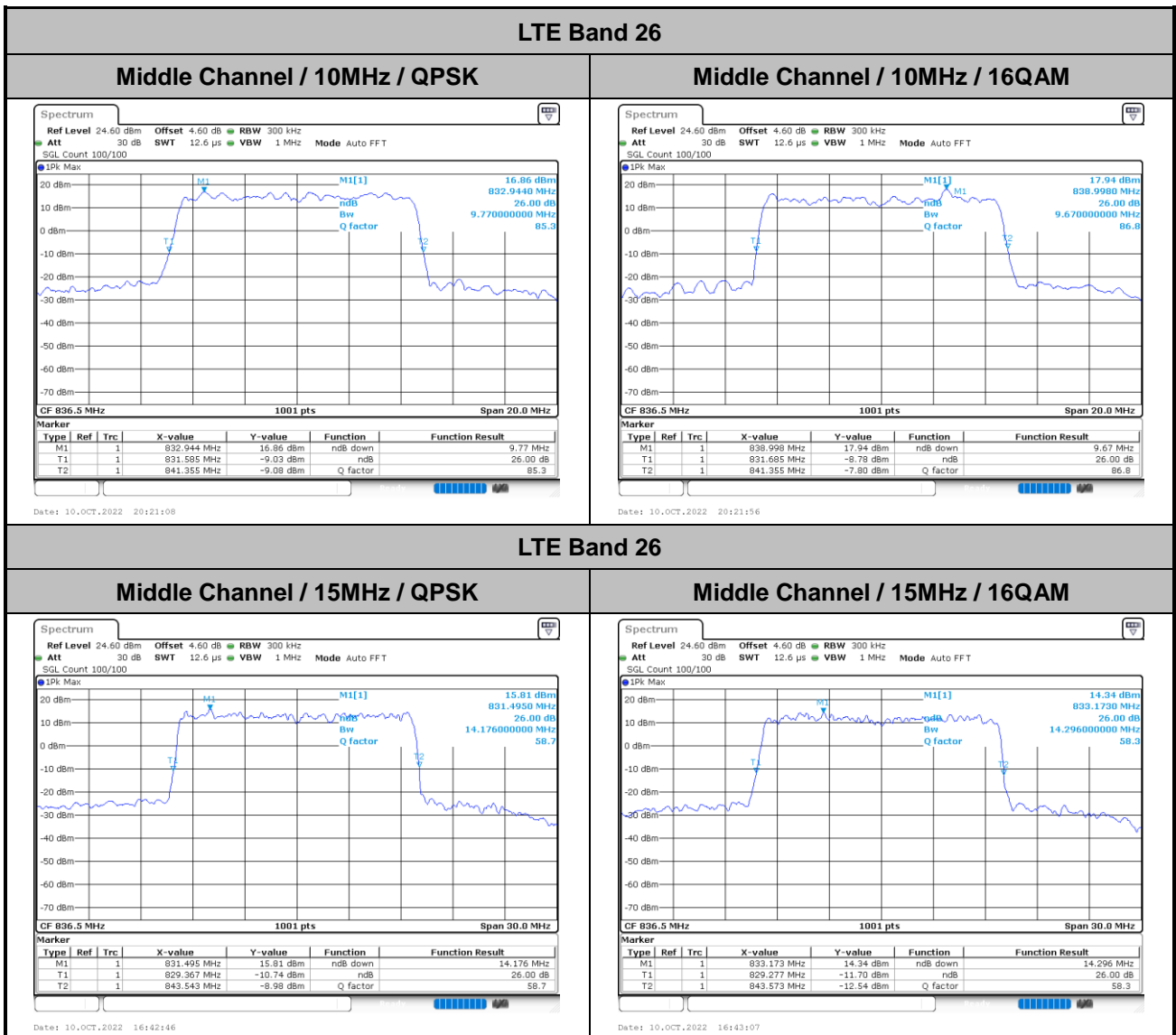


Date: 10.OCT.2022 16:44:15



26dB Bandwidth

| | | |
|------------------|--------------|--------------|
| BW | 10MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 9.77 | 9.67 |
| BW | 15MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 14.18 | 14.30 |



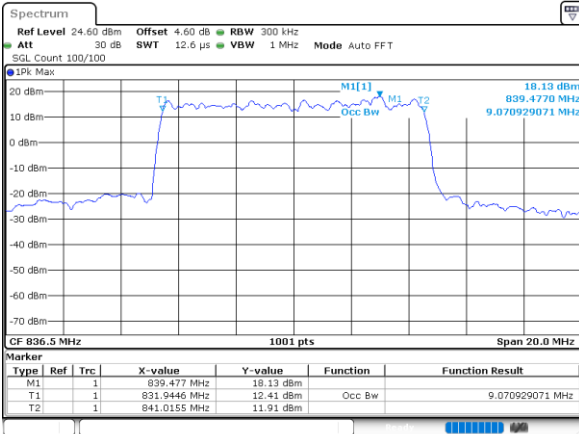


Occupied Bandwidth

| | | |
|------------------|--------------|--------------|
| BW | 10MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 9.07 | 9.01 |
| BW | 15MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 13.46 | 13.40 |

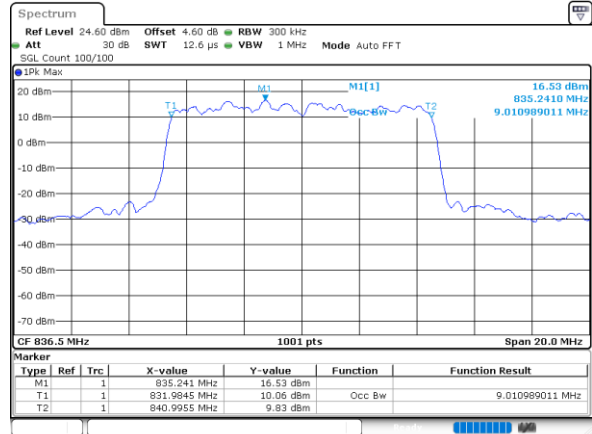
LTE Band 26

Middle Channel / 10MHz / QPSK



Date: 10.OCT.2022 20:20:41

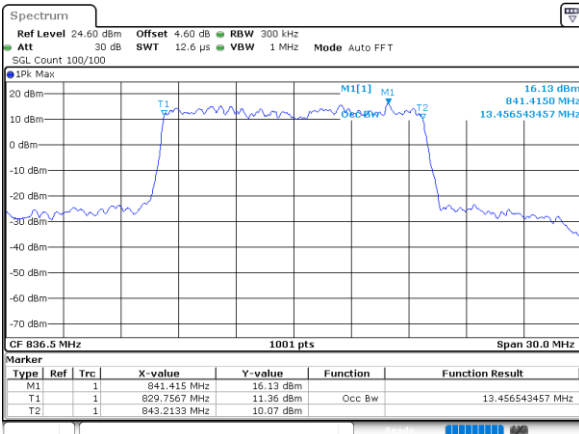
Middle Channel / 10MHz / 16QAM



Date: 10.OCT.2022 20:21:31

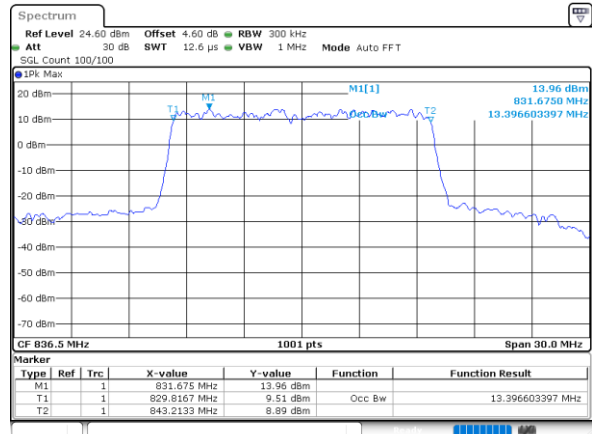
LTE Band 26

Middle Channel / 15MHz / QPSK



Date: 10.OCT.2022 16:42:03

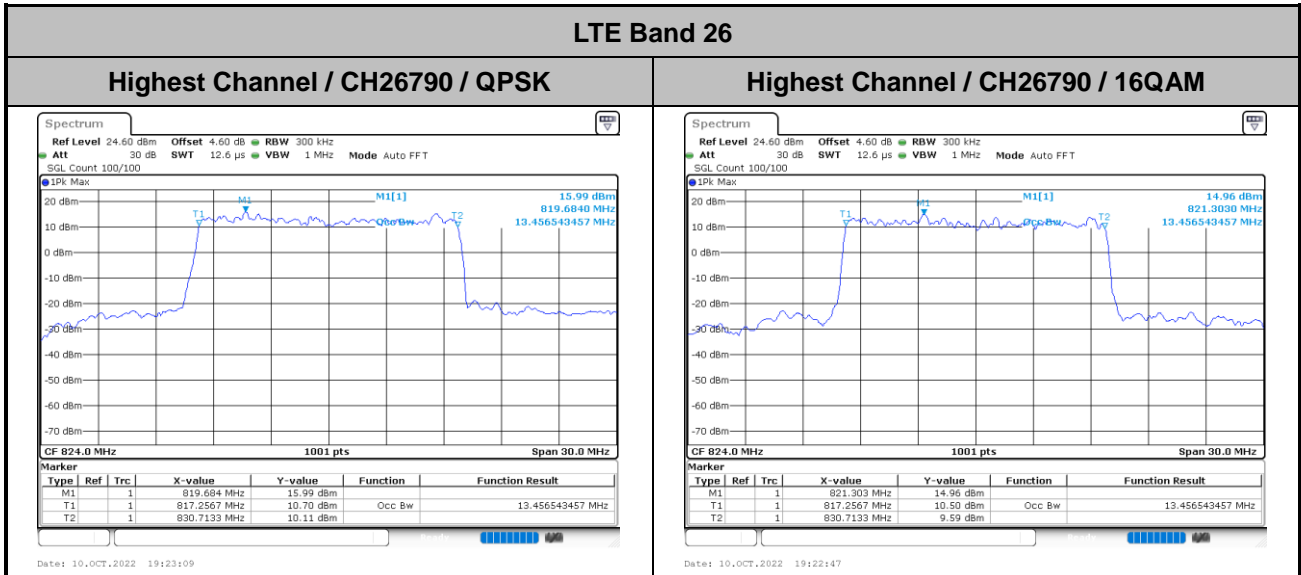
Middle Channel / 15MHz / 16QAM



Date: 10.OCT.2022 16:42:24

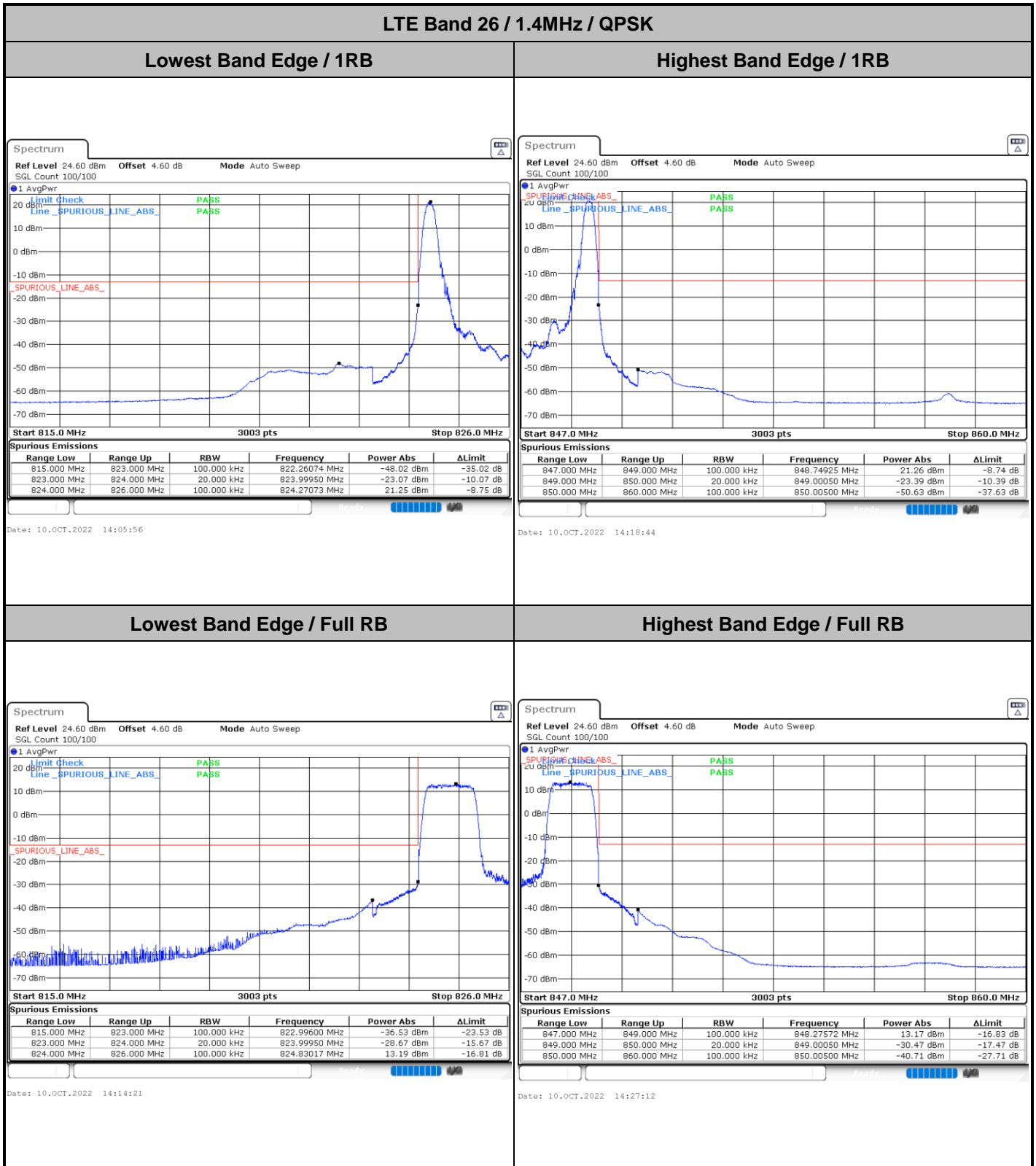


| | | |
|--------|---------------------------|-------|
| Mode | LTE Band 26 : 99%OBW(MHz) | |
| BW | CH26790 | |
| Mod. | QPSK | 16QAM |
| Hig CH | 13.46 | 13.46 |





Conducted Band Edge





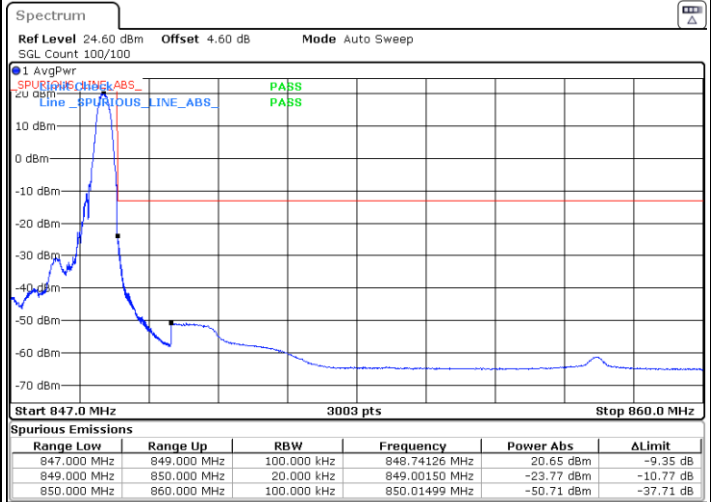
LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



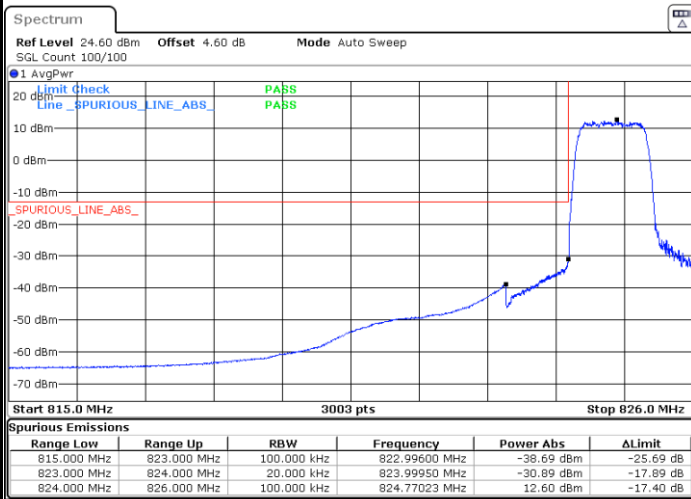
Date: 10.OCT.2022 14:07:36

Highest Band Edge / 1 RB



Date: 10.OCT.2022 14:20:25

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:12:41

Highest Band Edge / Full RB



Date: 10.OCT.2022 14:25:30



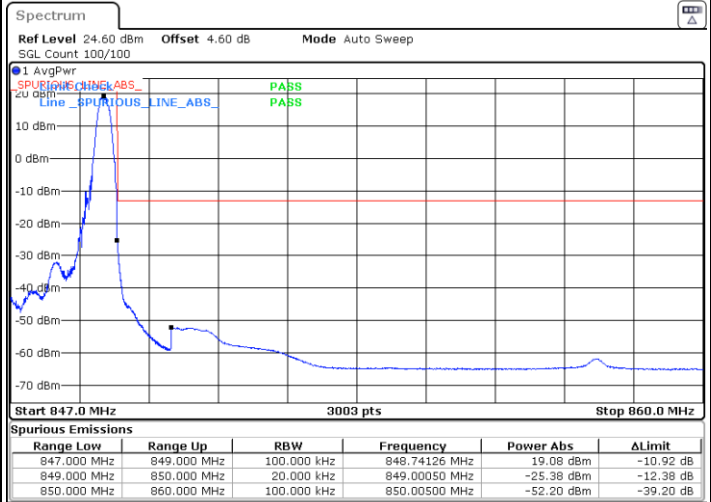
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



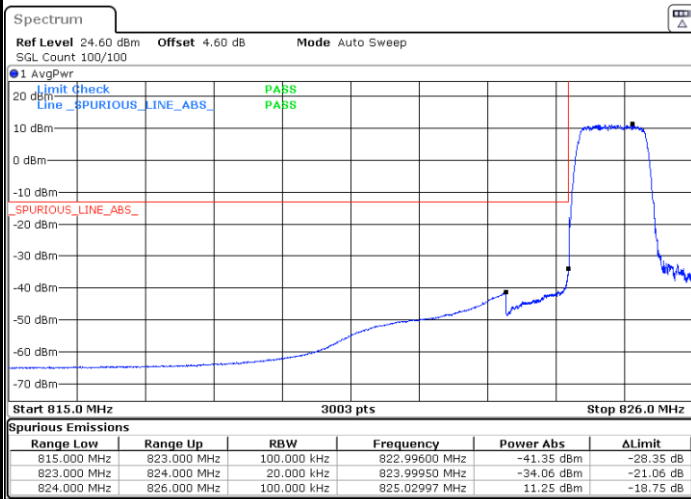
Date: 10.OCT.2022 14:09:16

Highest Band Edge / 1 RB



Date: 10.OCT.2022 14:22:07

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:10:59

Highest Band Edge / Full RB

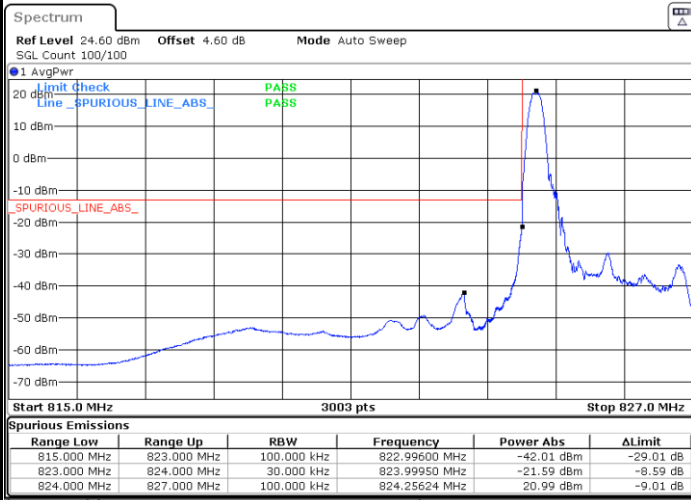


Date: 10.OCT.2022 14:23:49



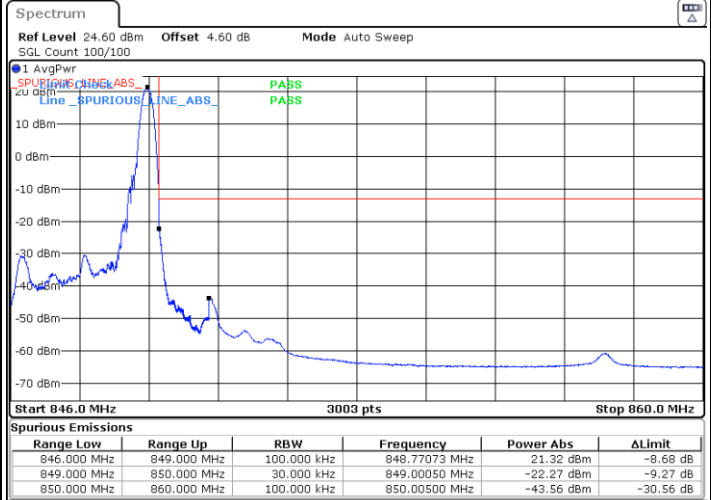
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



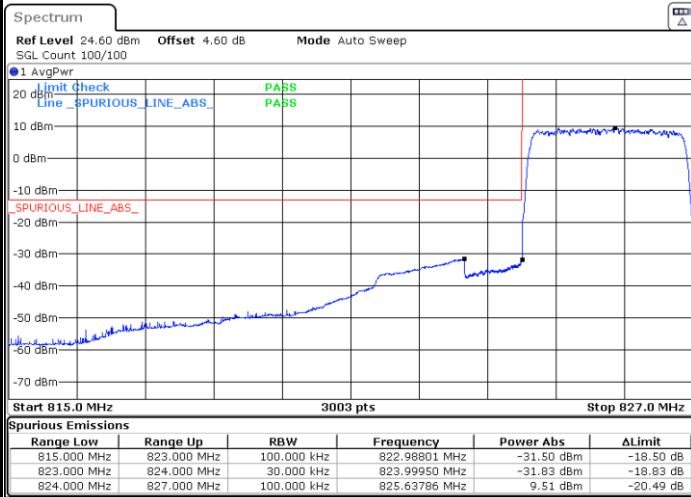
Date: 10.OCT.2022 14:30:15

Highest Band Edge / 1 RB



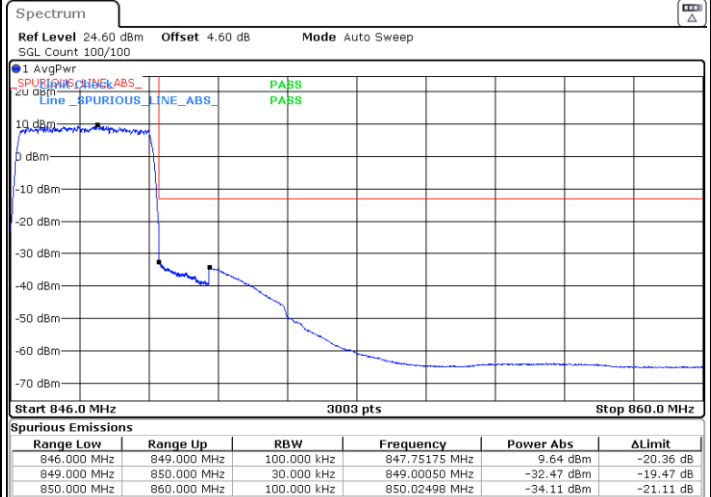
Date: 10.OCT.2022 15:11:34

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:59:01

Highest Band Edge / Full RB



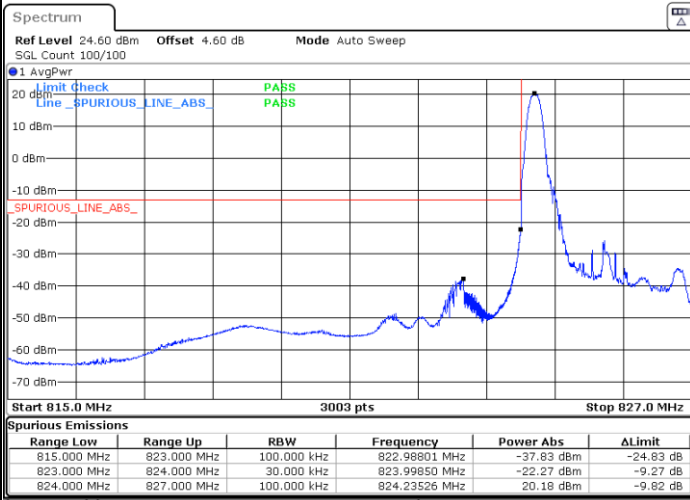
Date: 10.OCT.2022 15:18:22



LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



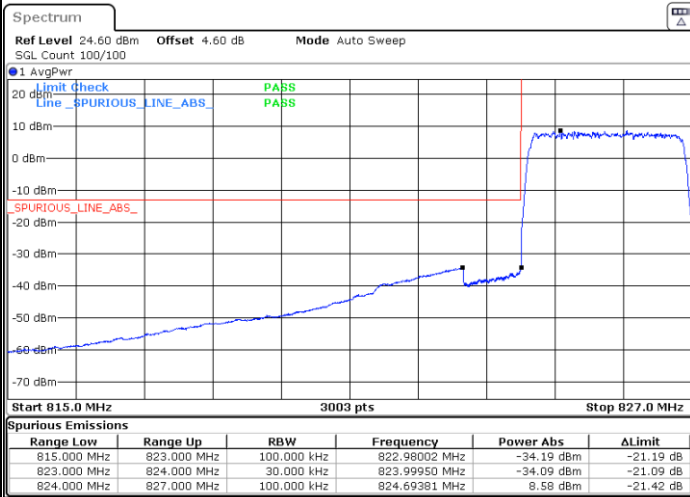
Date: 10.OCT.2022 14:53:37



Date: 10.OCT.2022 15:12:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.OCT.2022 14:57:39

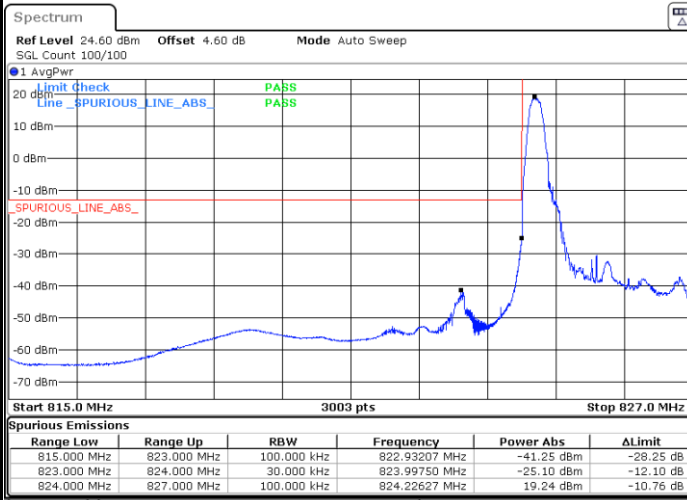


Date: 10.OCT.2022 15:17:00



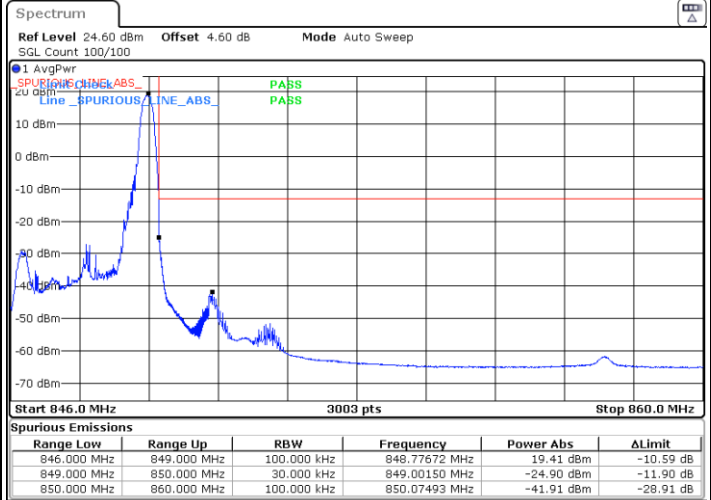
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



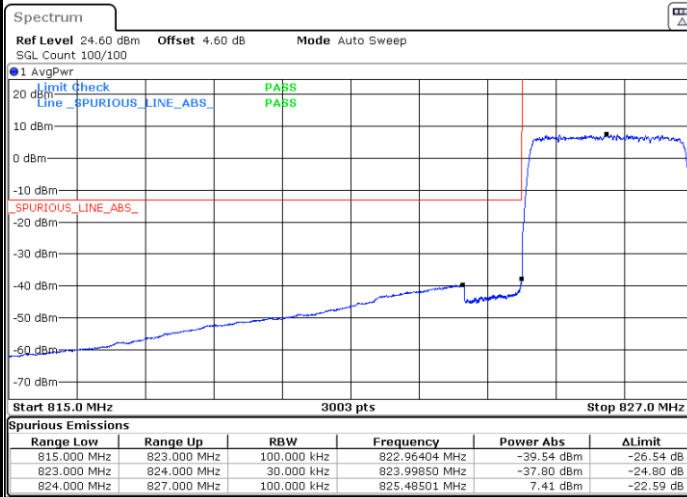
Date: 10.OCT.2022 14:54:58

Highest Band Edge / 1 RB



Date: 10.OCT.2022 15:14:17

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:56:18

Highest Band Edge / Full RB

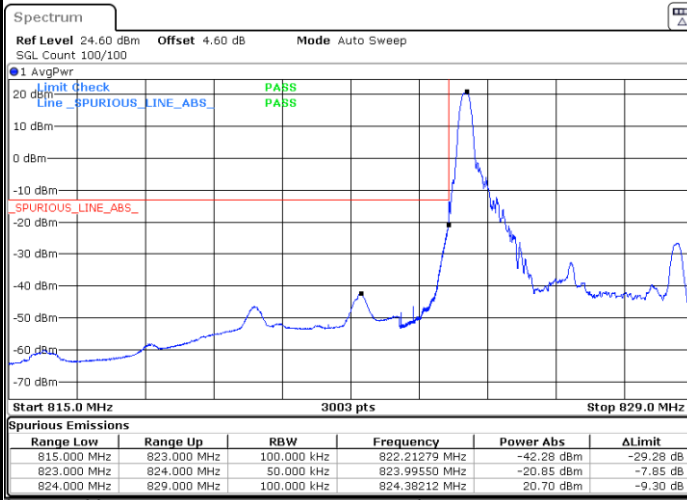


Date: 10.OCT.2022 15:15:40



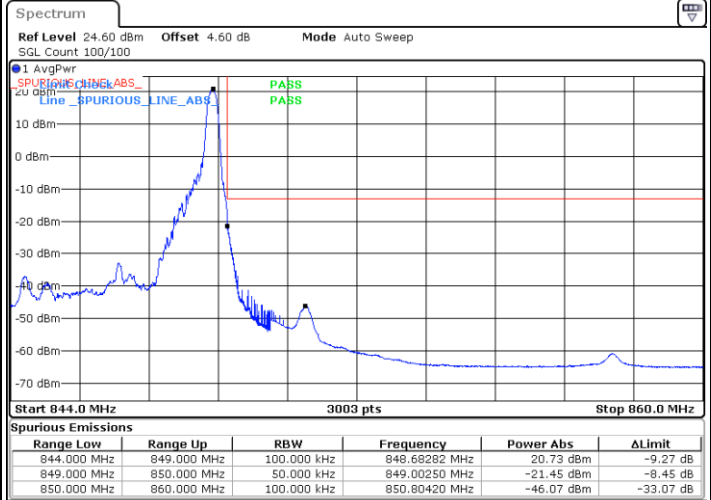
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



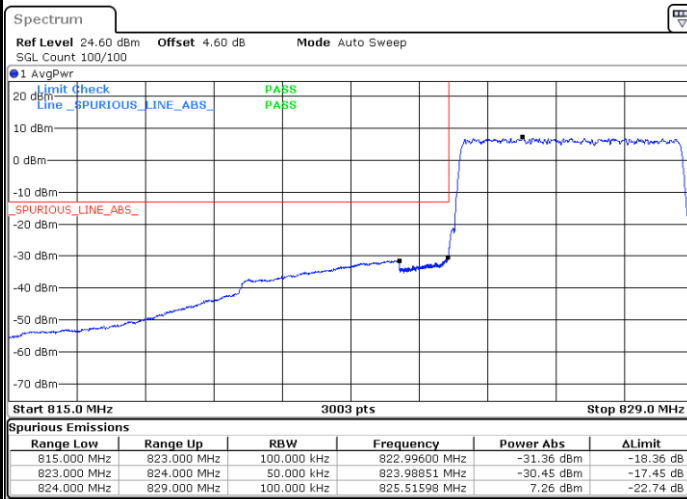
Date: 10.OCT.2022 15:21:27

Highest Band Edge / 1 RB



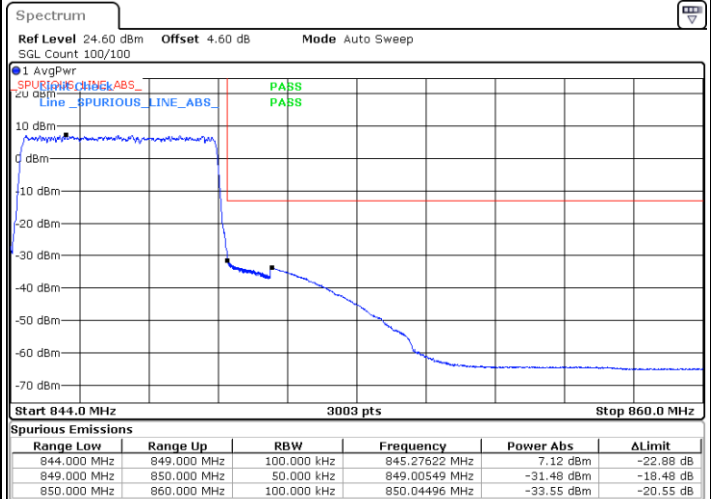
Date: 10.OCT.2022 15:43:39

Lowest Band Edge / Full RB



Date: 10.OCT.2022 15:38:40

Highest Band Edge / Full RB

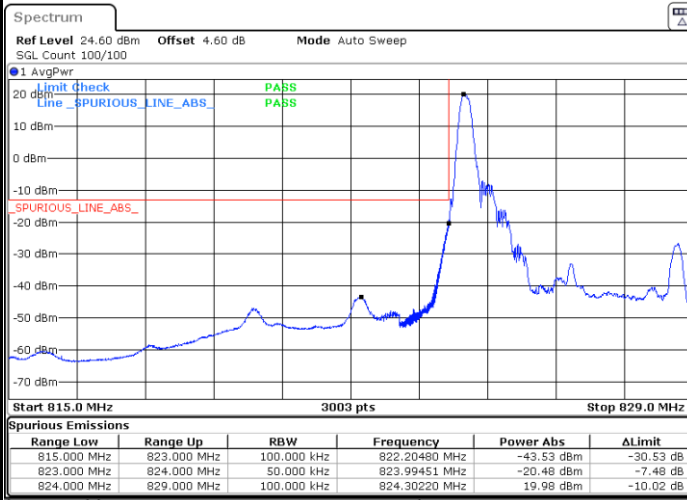


Date: 10.OCT.2022 15:51:56



LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



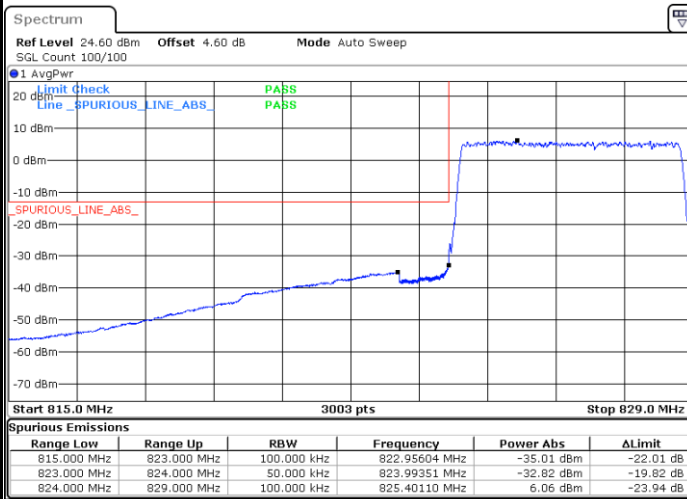
Date: 10.OCT.2022 15:22:49

Highest Band Edge / 1 RB



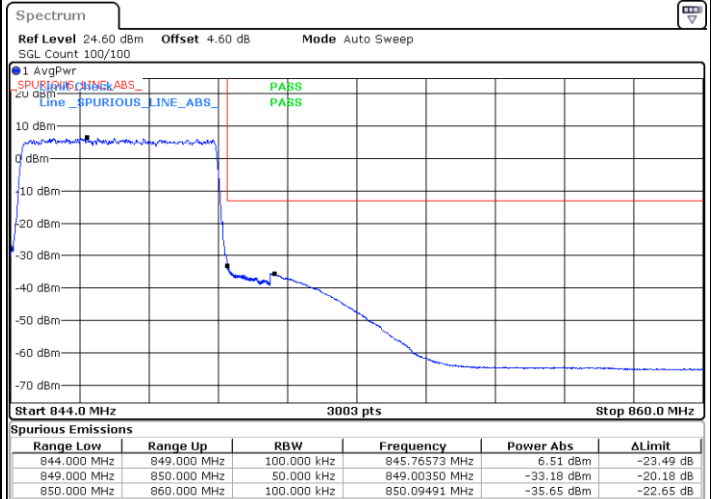
Date: 10.OCT.2022 15:45:18

Lowest Band Edge / Full RB



Date: 10.OCT.2022 15:37:01

Highest Band Edge / Full RB

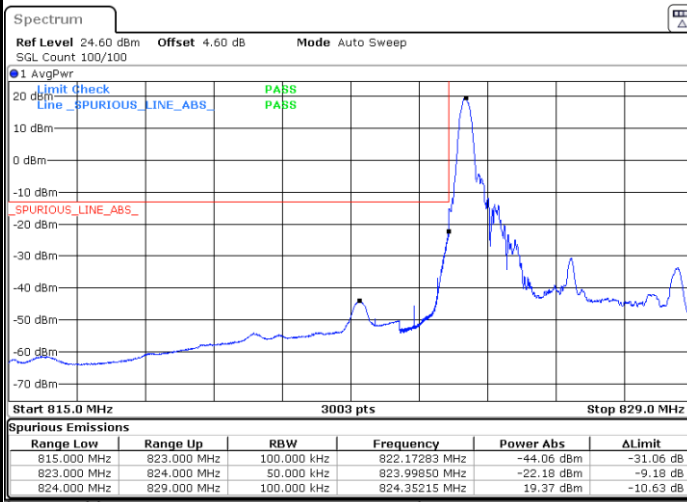


Date: 10.OCT.2022 15:50:17



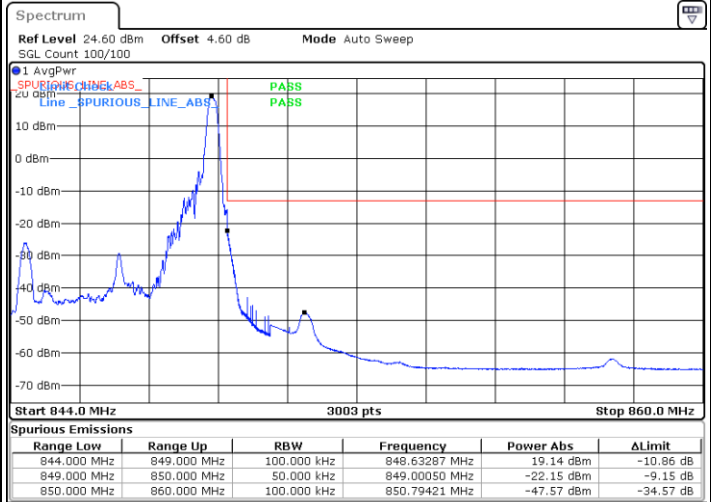
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



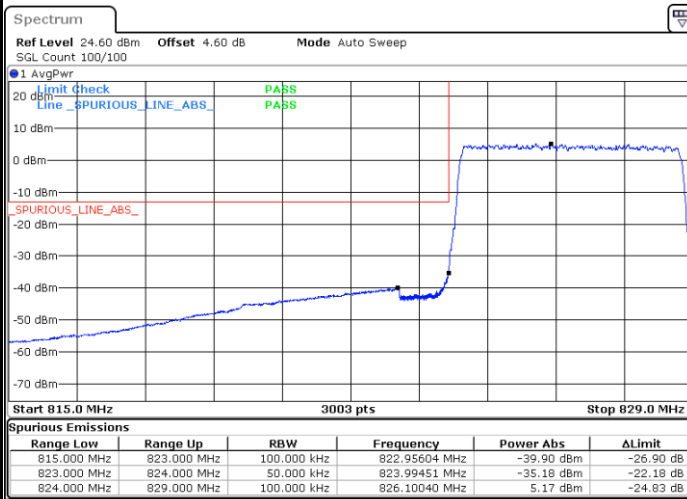
Date: 10.OCT.2022 15:24:12

Highest Band Edge / 1 RB



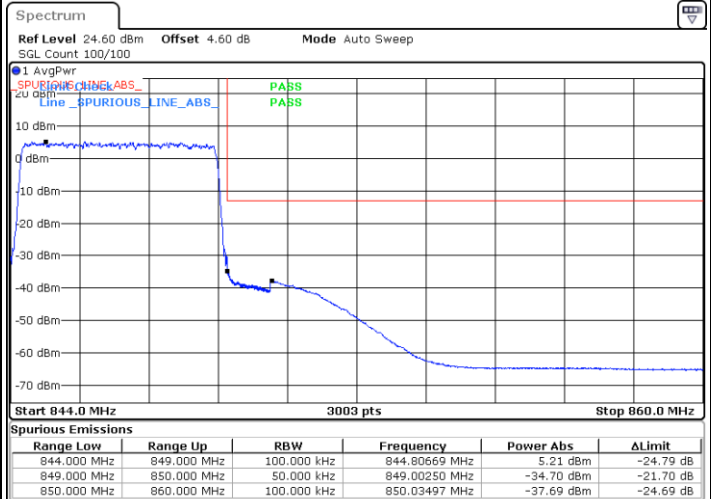
Date: 10.OCT.2022 15:46:58

Lowest Band Edge / Full RB



Date: 10.OCT.2022 15:35:21

Highest Band Edge / Full RB

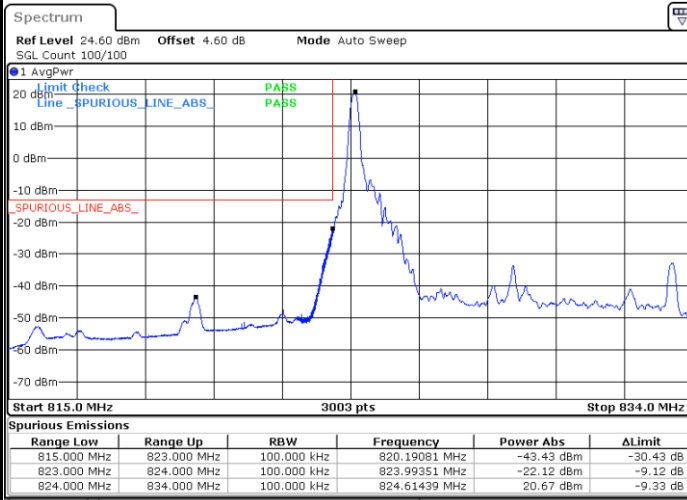


Date: 10.OCT.2022 15:48:37



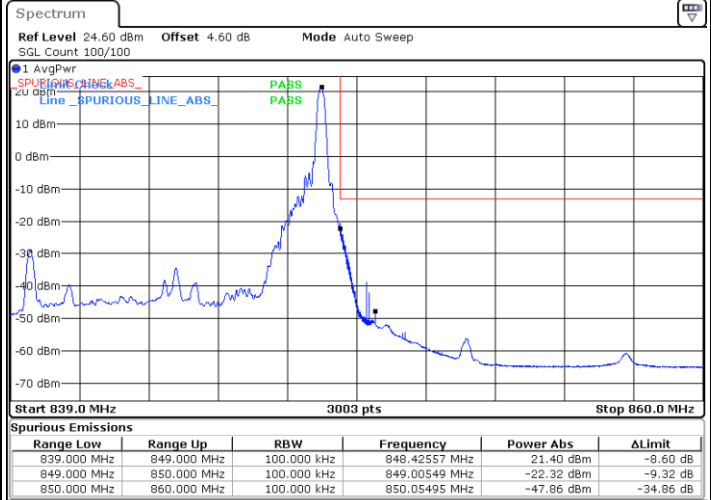
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



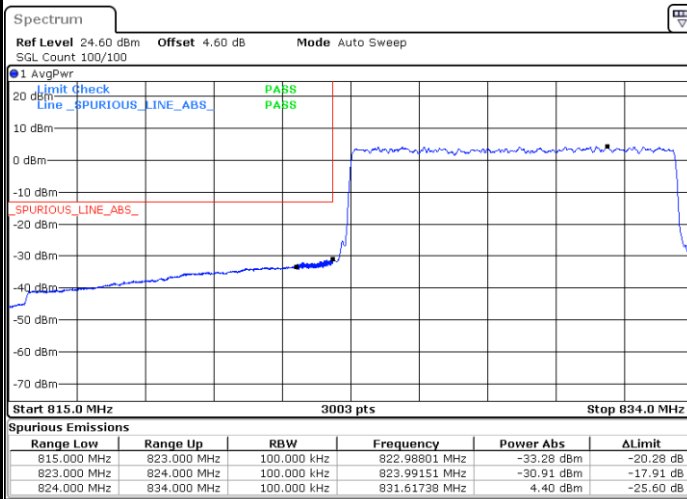
Date: 10.OCT.2022 15:55:16

Highest Band Edge / 1 RB



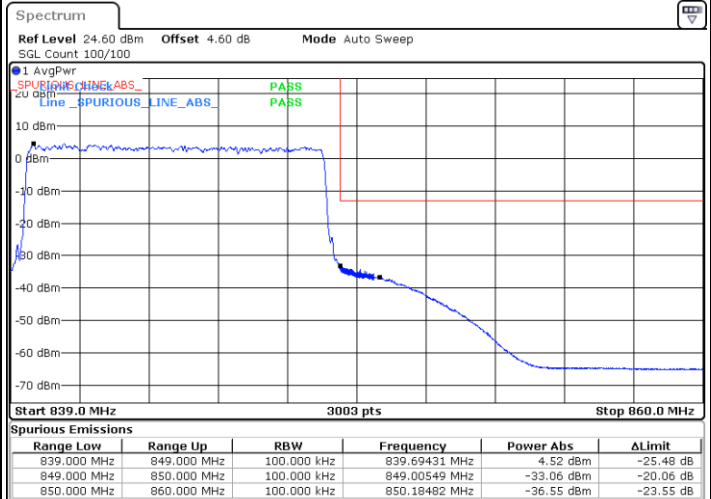
Date: 10.OCT.2022 16:08:31

Lowest Band Edge / Full RB



Date: 10.OCT.2022 16:03:33

Highest Band Edge / Full RB

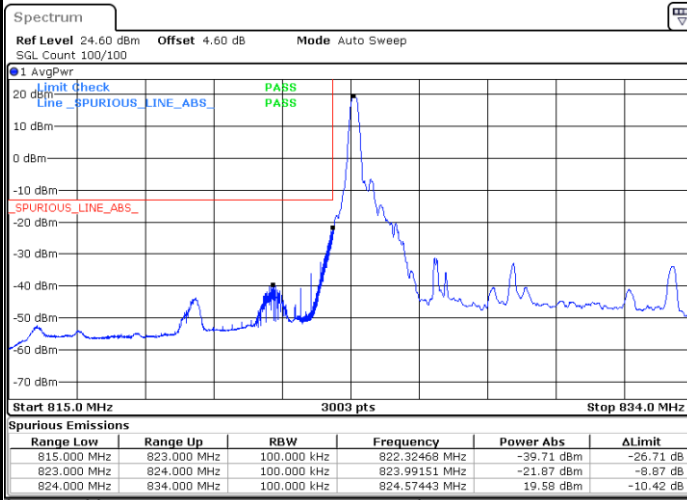


Date: 10.OCT.2022 16:16:48



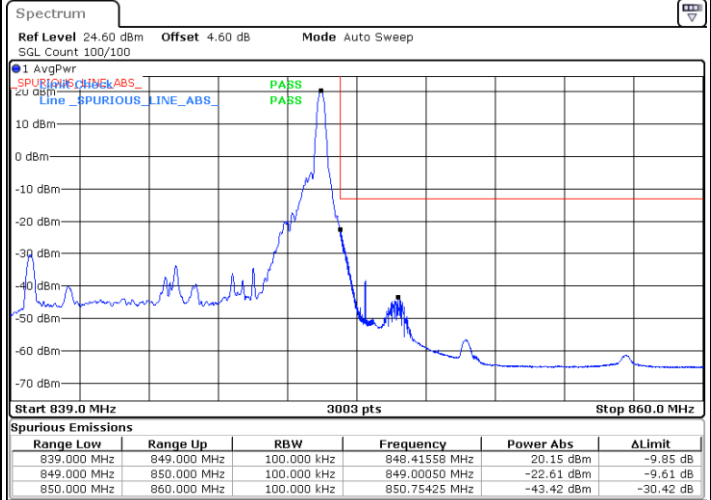
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



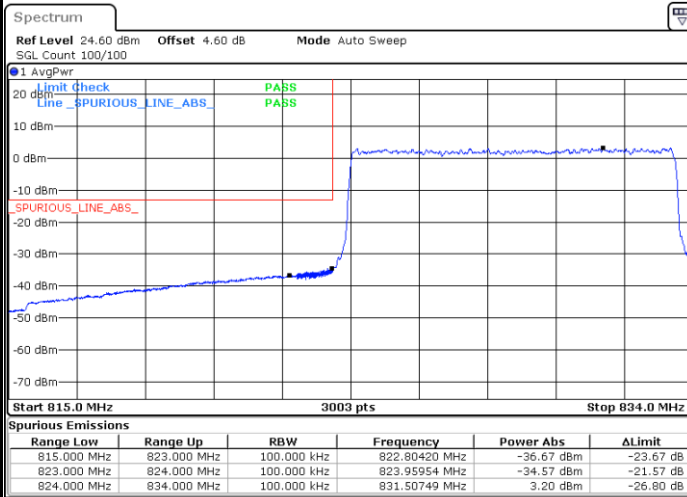
Date: 10.OCT.2022 15:56:55

Highest Band Edge / 1 RB



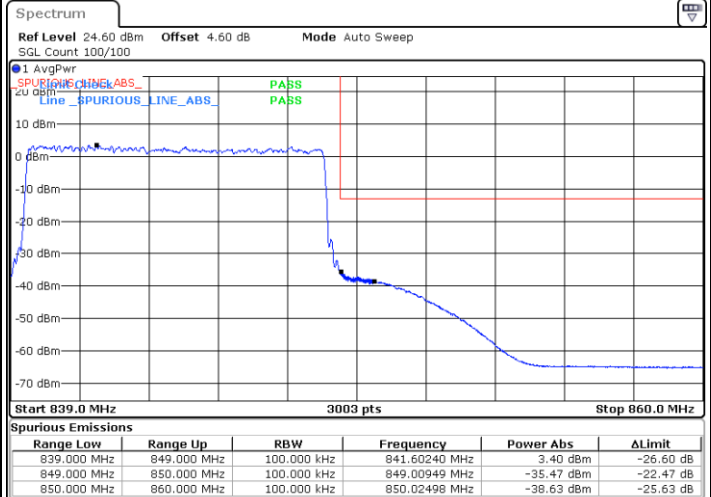
Date: 10.OCT.2022 16:10:10

Lowest Band Edge / Full RB



Date: 10.OCT.2022 16:01:53

Highest Band Edge / Full RB

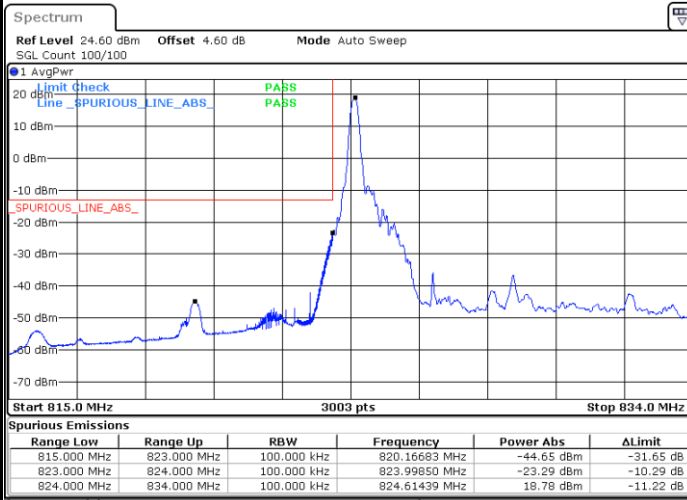


Date: 10.OCT.2022 16:15:09



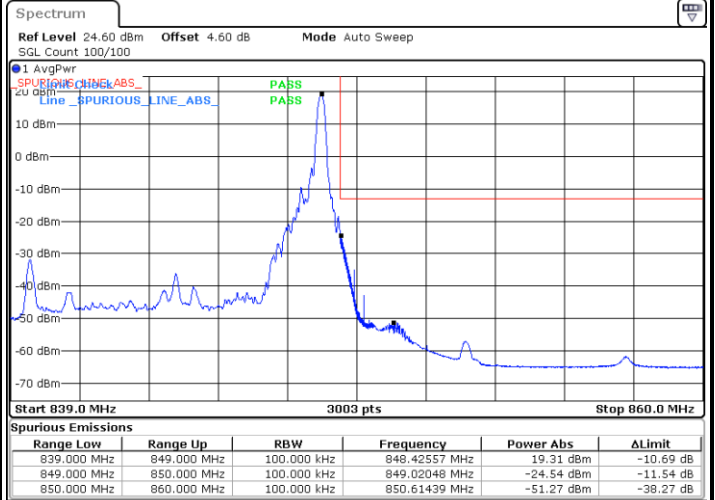
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



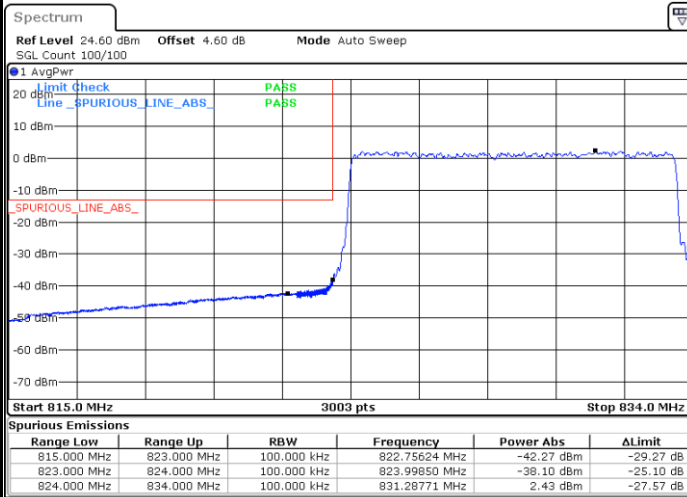
Date: 10.OCT.2022 15:58:34

Highest Band Edge / 1 RB



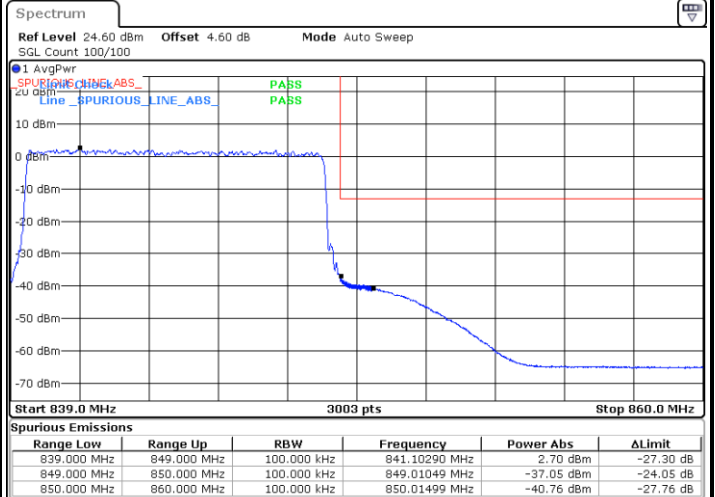
Date: 10.OCT.2022 16:11:50

Lowest Band Edge / Full RB



Date: 10.OCT.2022 16:00:14

Highest Band Edge / Full RB

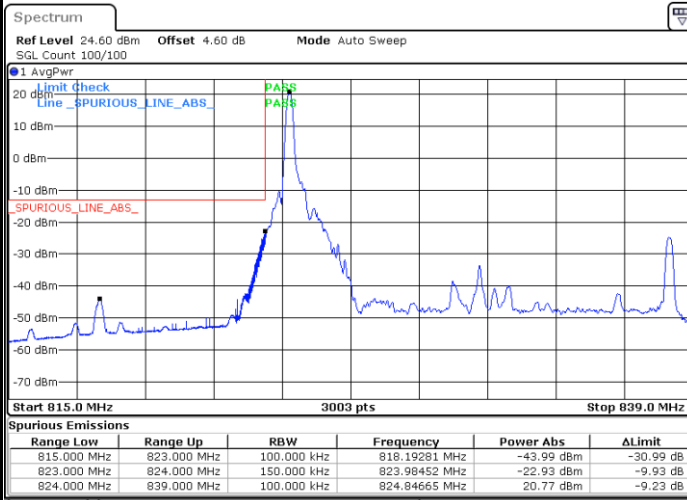


Date: 10.OCT.2022 16:13:29

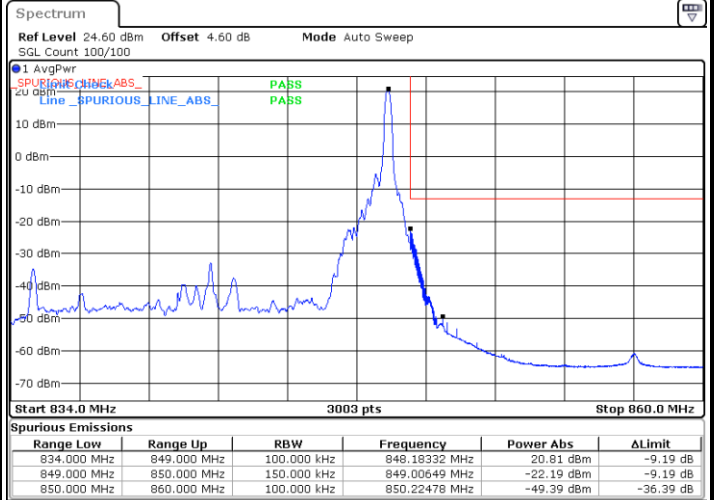


LTE Band 26 / 15MHz / QPSK

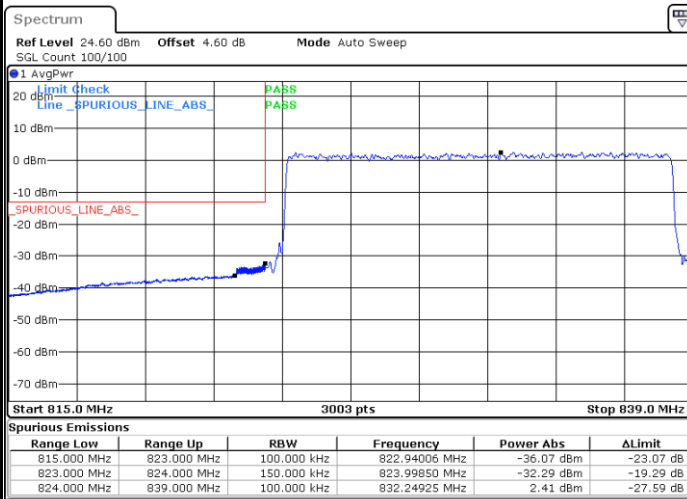
Lowest Band Edge / 1 RB



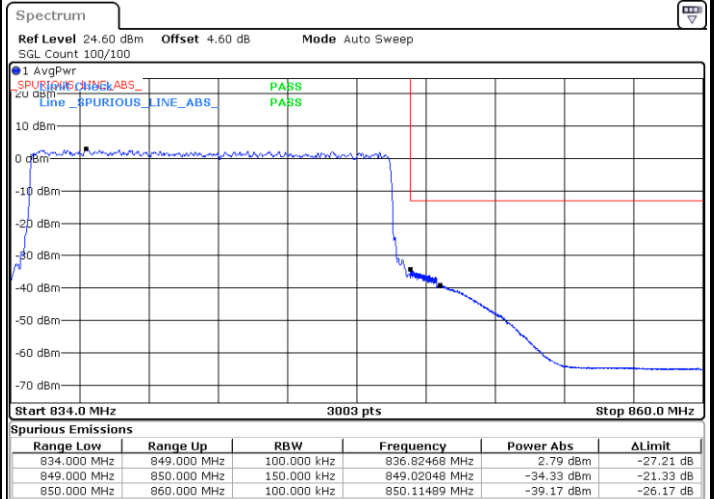
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



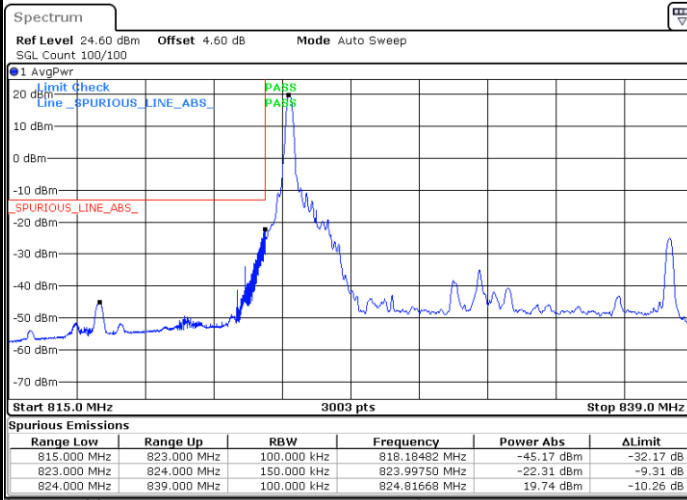
Highest Band Edge / Full RB



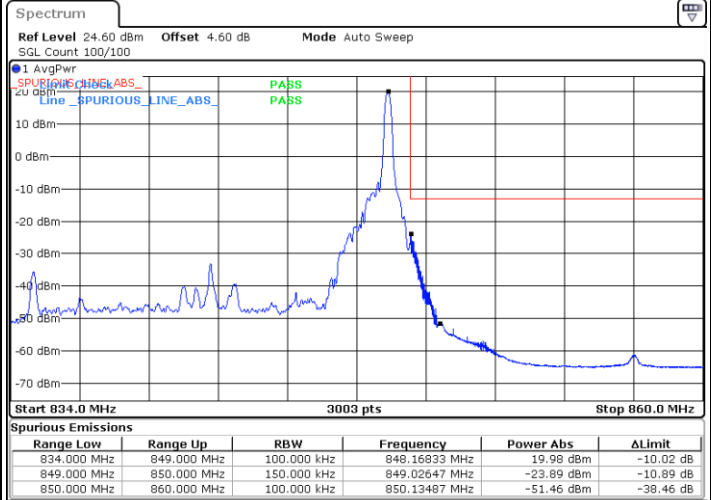


LTE Band 26 / 15MHz / 16QAM

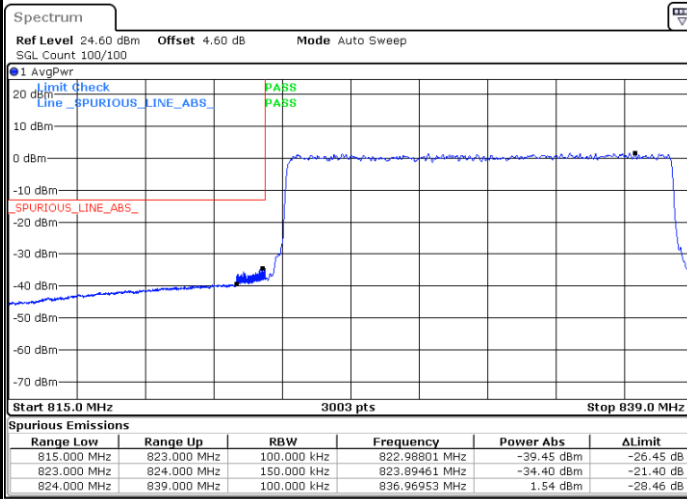
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



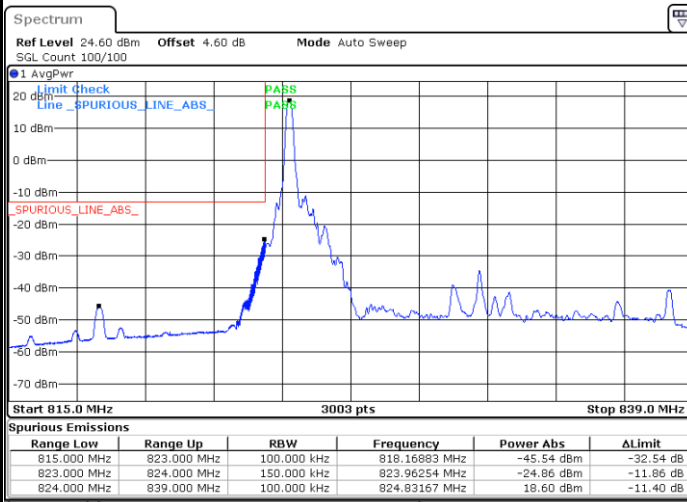
Highest Band Edge / Full RB



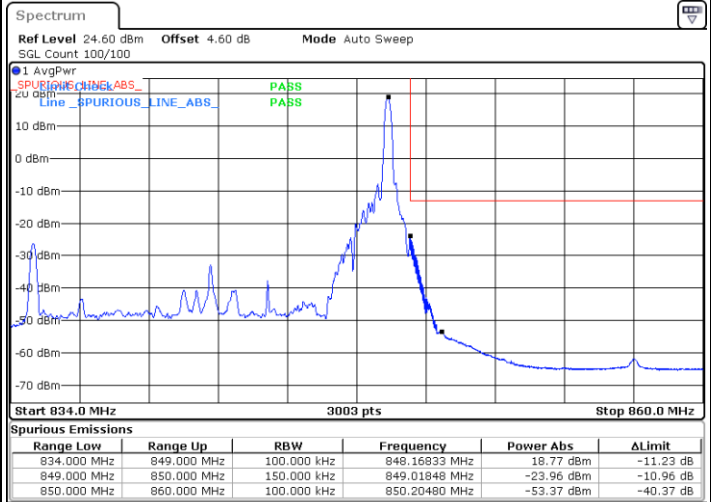


LTE Band 26 / 15MHz / 64QAM

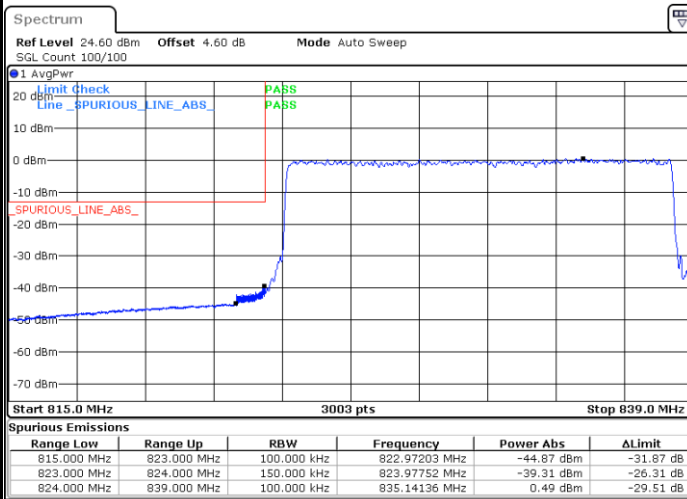
Lowest Band Edge / 1 RB



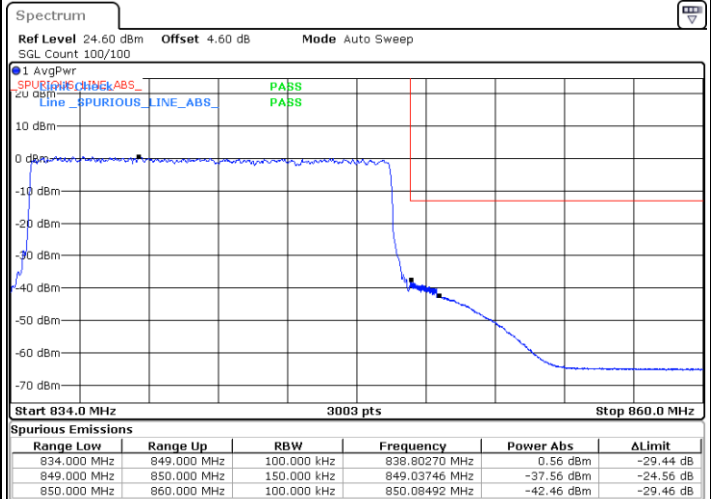
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

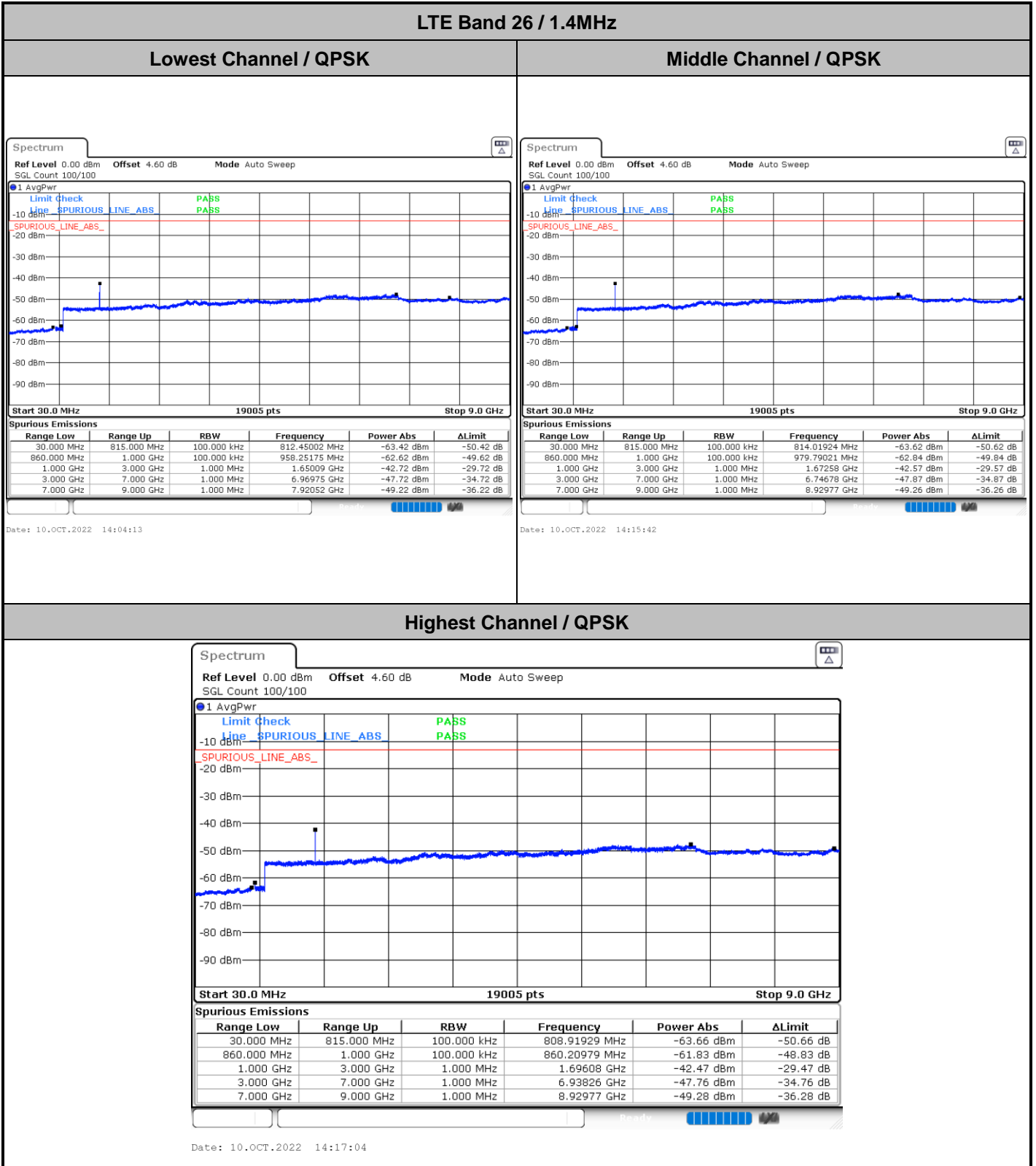


Highest Band Edge / Full RB





Conducted Spurious Emission

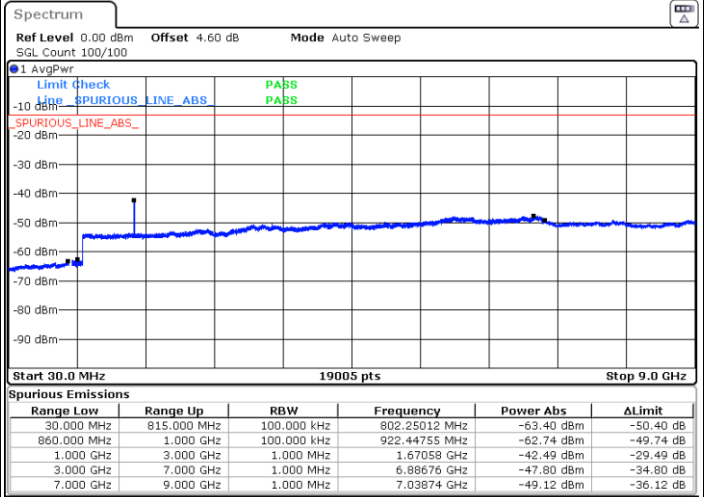
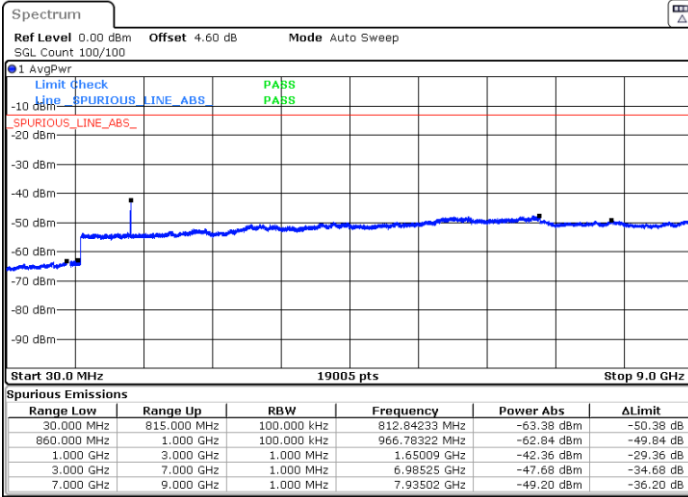




LTE Band 26 / 3MHz

Lowest Channel / QPSK

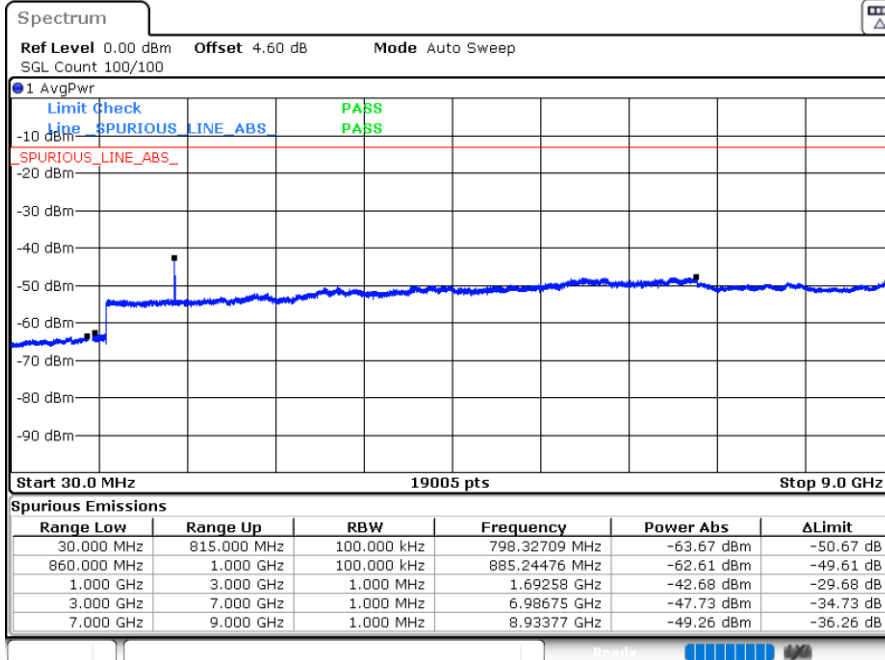
Middle Channel / QPSK



Date: 10.OCT.2022 14:28:34

Date: 10.OCT.2022 15:00:23

Highest Channel / QPSK



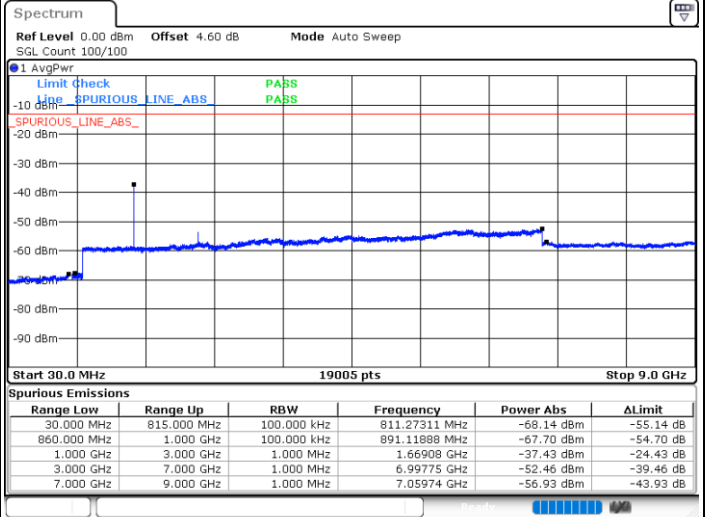
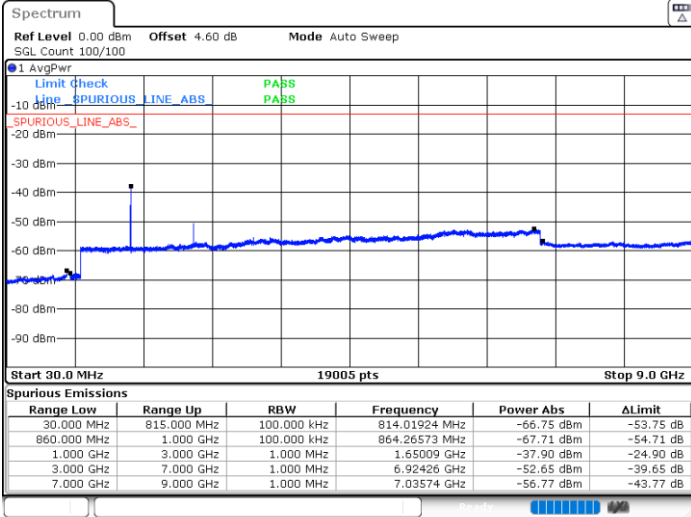
Date: 10.OCT.2022 15:01:43



LTE Band 26 / 5MHz

Lowest Channel / QPSK

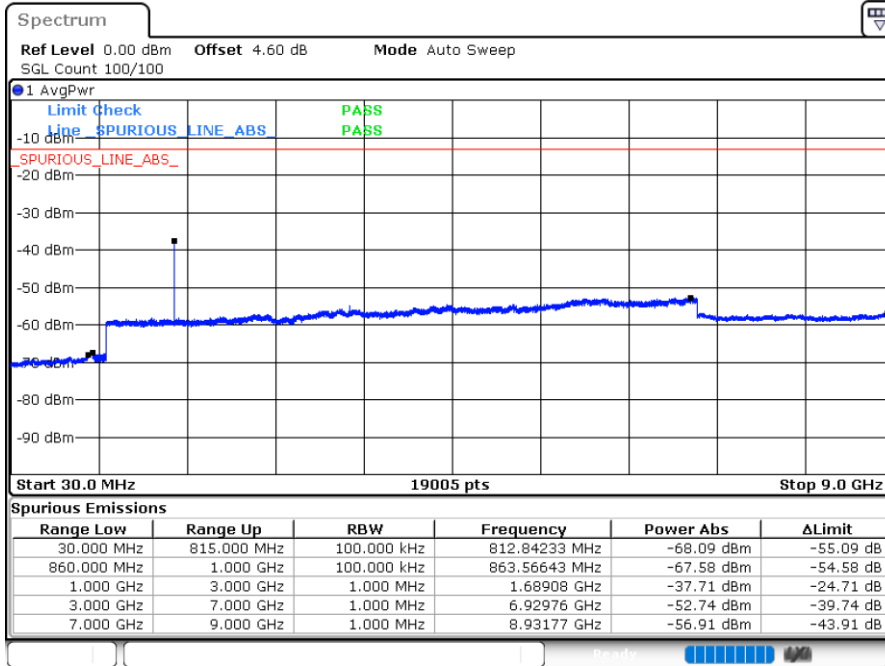
Middle Channel / QPSK



Date: 10.OCT.2022 15:20:05

Date: 10.OCT.2022 15:40:20

Highest Channel / QPSK

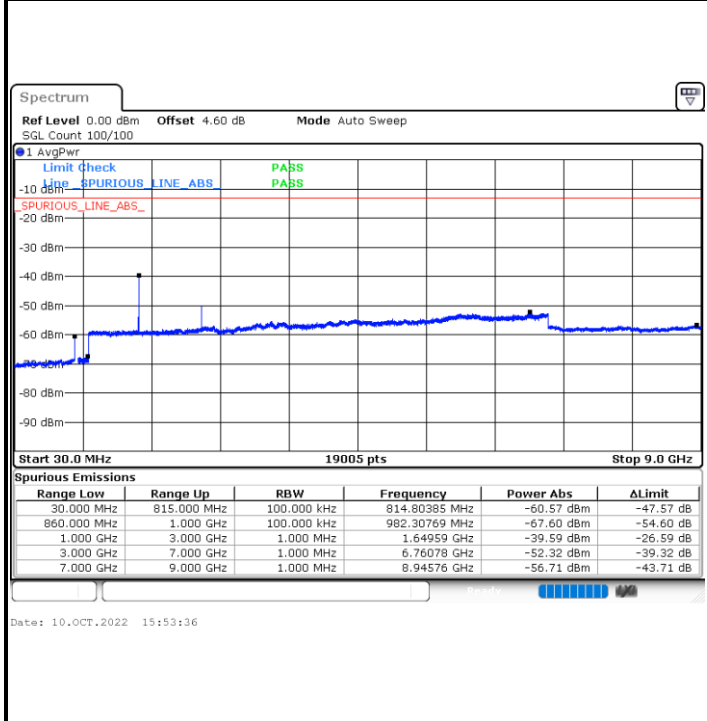


Date: 10.OCT.2022 15:41:59

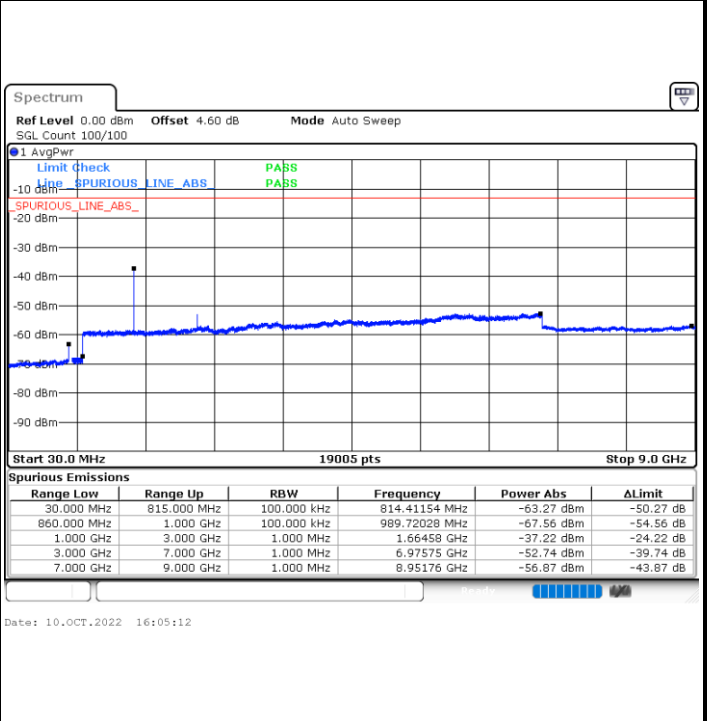


LTE Band 26 / 10MHz

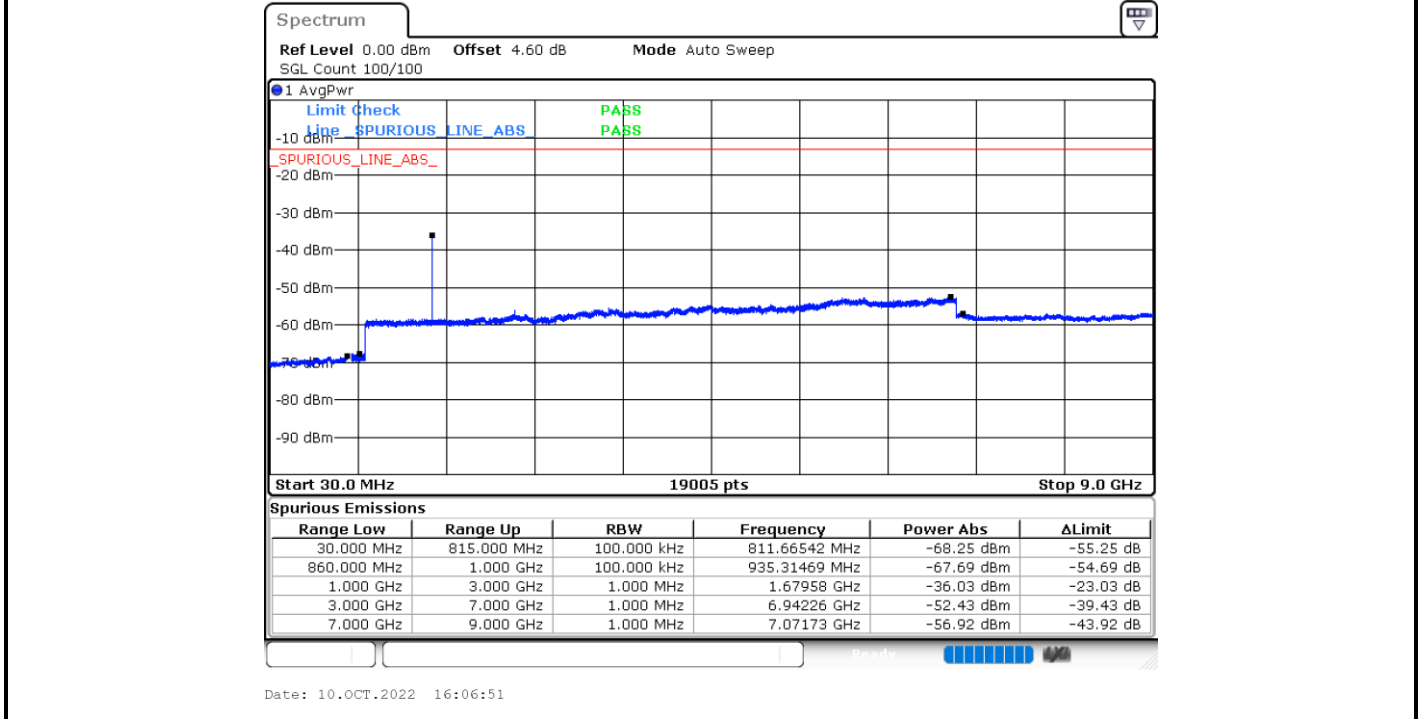
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

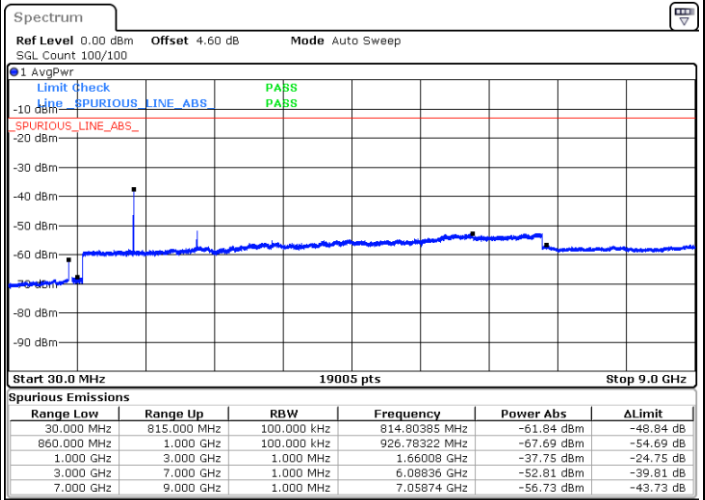
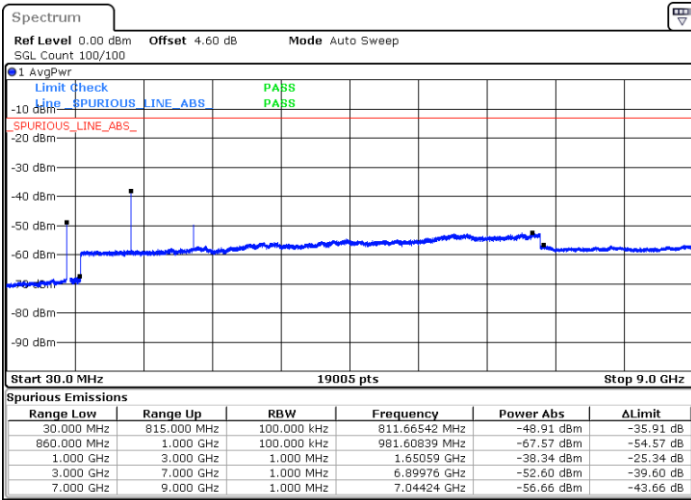




LTE Band 26 / 15MHz

Lowest Channel / QPSK

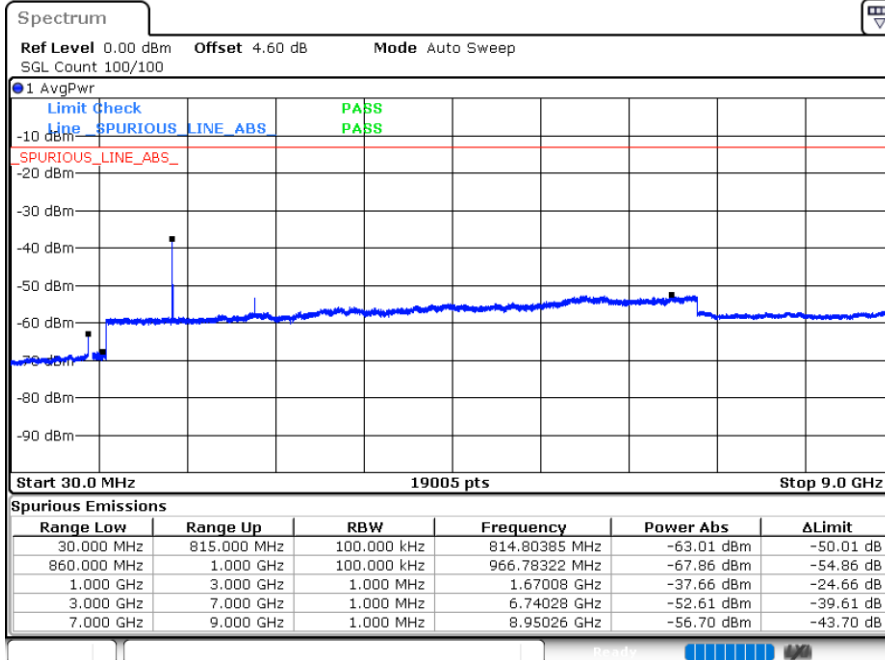
Middle Channel / QPSK



Date: 10.OCT.2022 16:18:28

Date: 10.OCT.2022 16:30:03

Highest Channel / QPSK



Date: 10.OCT.2022 16:31:42



Frequency Stability

| Test Conditions | | LTE Band 26 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0027 | PASS |
| 40 | Normal Voltage | 0.0023 | |
| 30 | Normal Voltage | 0.0019 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0013 | |
| 0 | Normal Voltage | 0.0026 | |
| -10 | Normal Voltage | 0.0019 | |
| -20 | Normal Voltage | 0.0024 | |
| -30 | Normal Voltage | 0.0028 | |
| 20 | Maximum Voltage | 0.0017 | |
| 20 | Normal Voltage | 0.0009 | |
| 20 | Battery End Point | 0.0013 | |

Note:

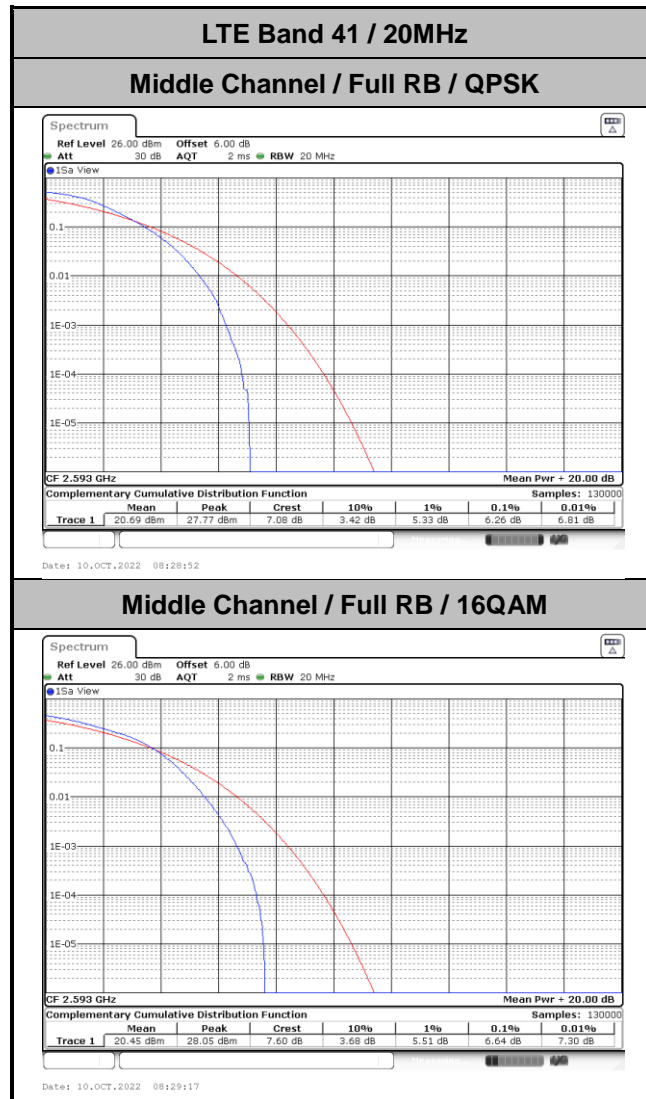
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

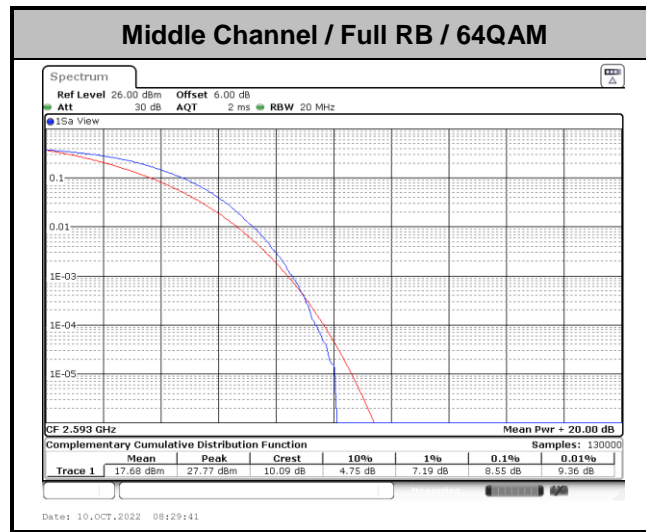


LTE Band 41

Peak-to-Average Ratio

| Mode | LTE Band 41 / 20MHz | | | |
|-----------|---------------------|---------|---------|-------------|
| Mod. | QPSK | 16QAM | 64QAM | Limit: 13dB |
| RB Size | Full RB | Full RB | Full RB | Result |
| Middle CH | 6.26 | 6.64 | 8.55 | PASS |

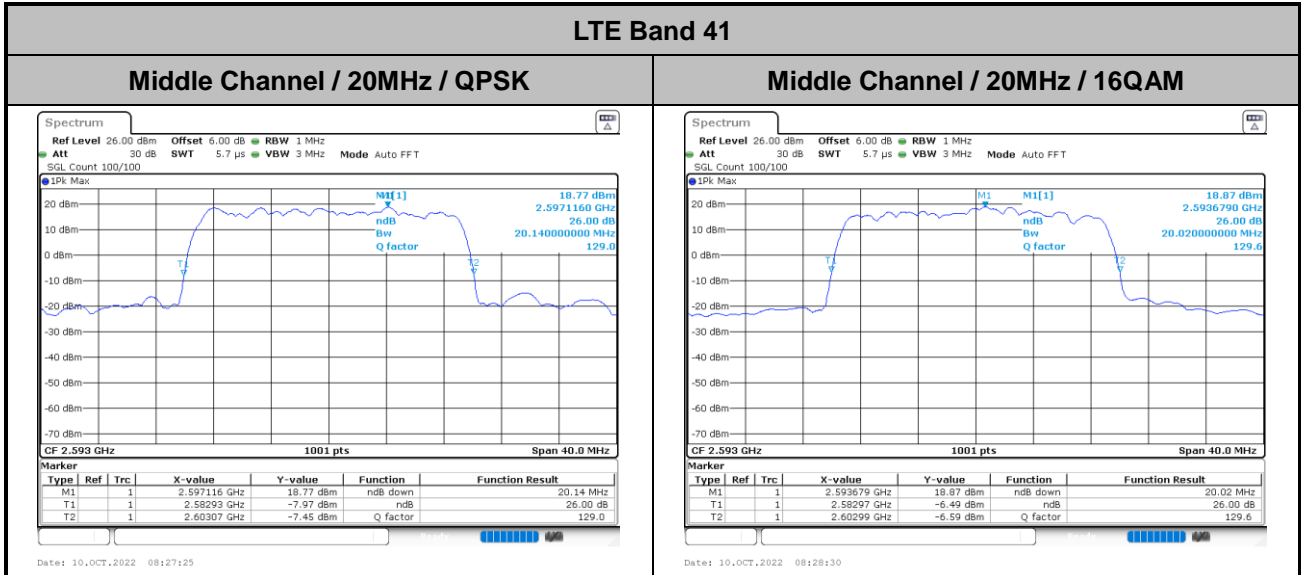






26dB Bandwidth

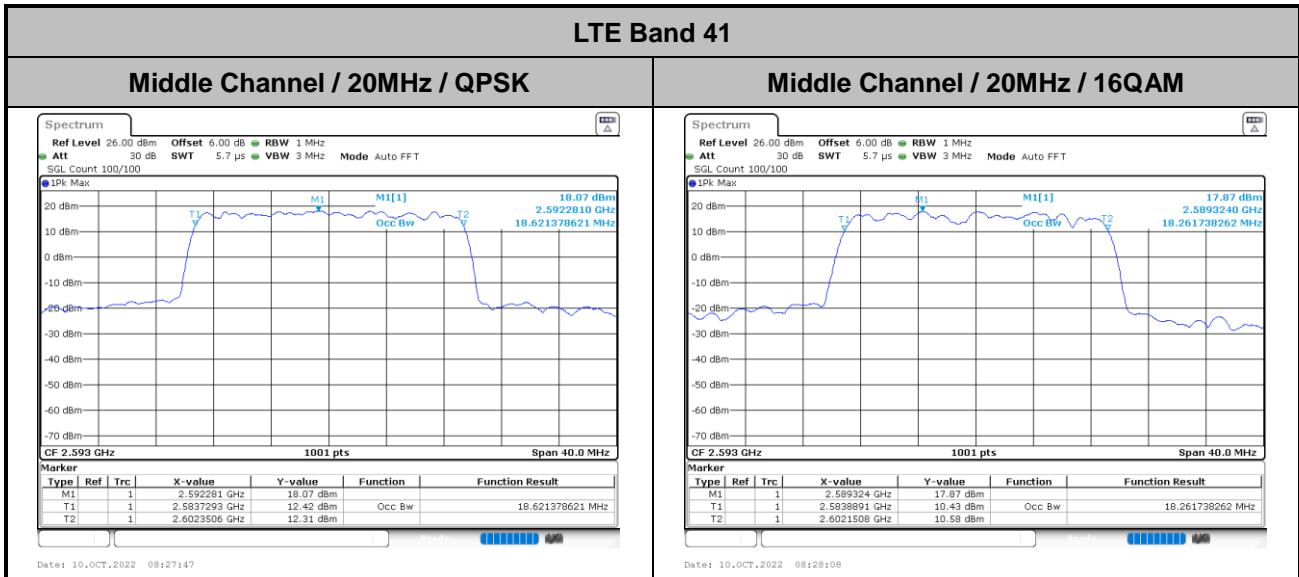
| | | |
|-----------|----------------------------|-------|
| Mode | LTE Band 41 : 26dB BW(MHz) | |
| BW | 20MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 20.14 | 20.02 |





Occupied Bandwidth

| | | |
|-----------|---------------------------|-------|
| Mode | LTE Band 41 : 99%OBW(MHz) | |
| BW | 20MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 18.62 | 18.26 |





Conducted Band Edge

