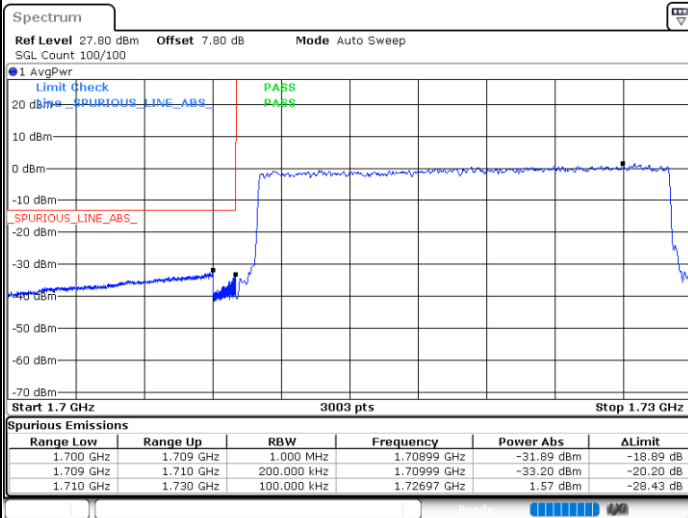




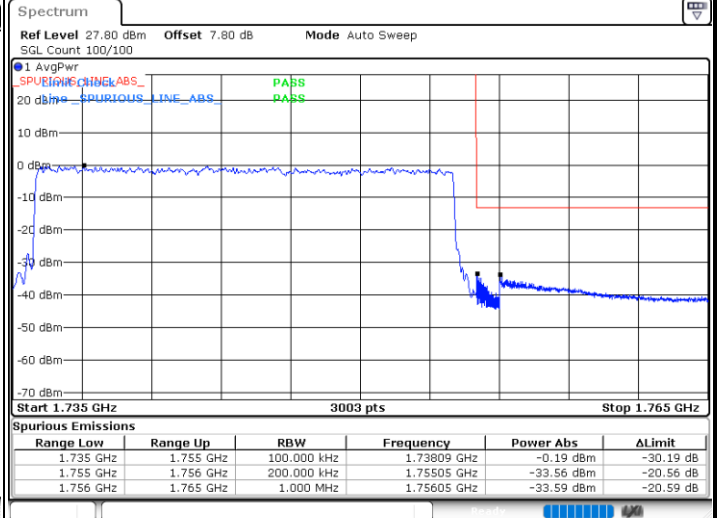
## LTE Band 4 / 20MHz / QPSK

## Lowest Band Edge / Full RB

## Highest Band Edge / Full RB



Date: 27.AUG.2026 17:26:45



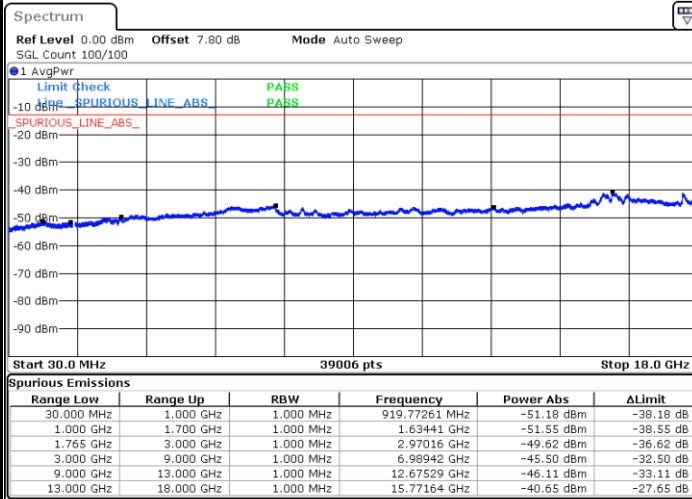
Date: 27.AUG.2026 17:28:03



# Conducted Spurious Emission

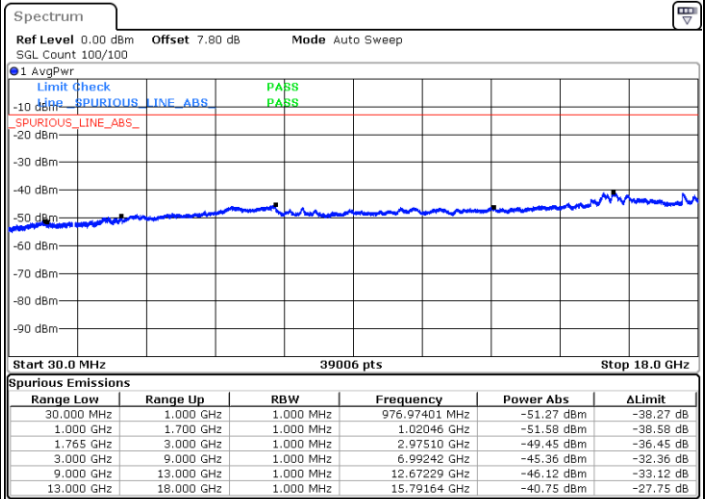
## LTE Band 4 / 1.4MHz

### Lowest Channel / QPSK



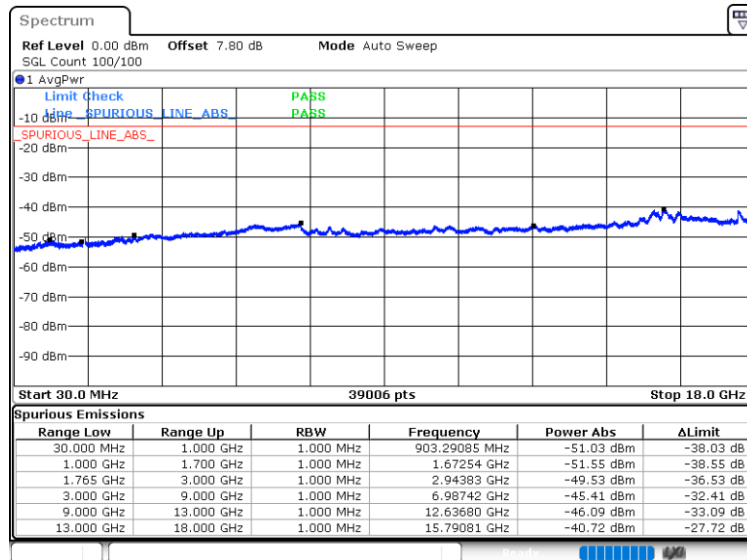
Date: 27.AUG.2026 17:29:53

### Middle Channel / QPSK



Date: 27.AUG.2026 17:35:08

### Highest Channel / QPSK

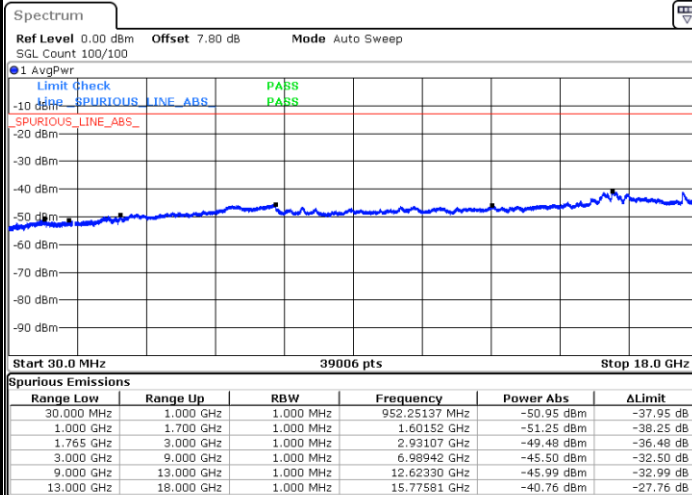


Date: 27.AUG.2026 17:36:55



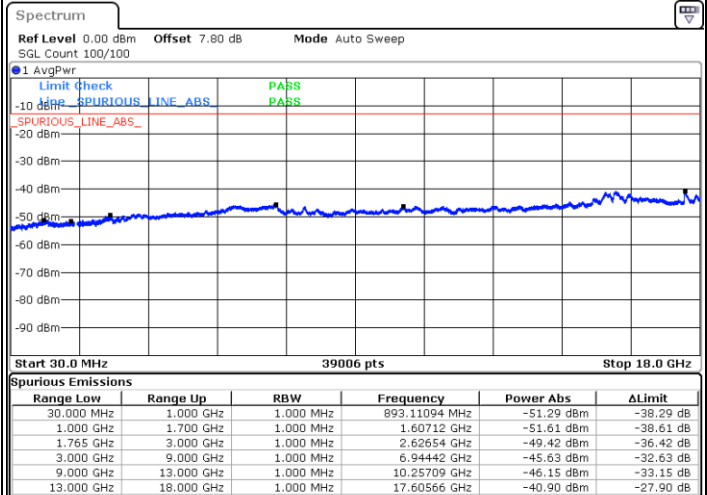
## LTE Band 4 / 3MHz

## Lowest Channel / QPSK



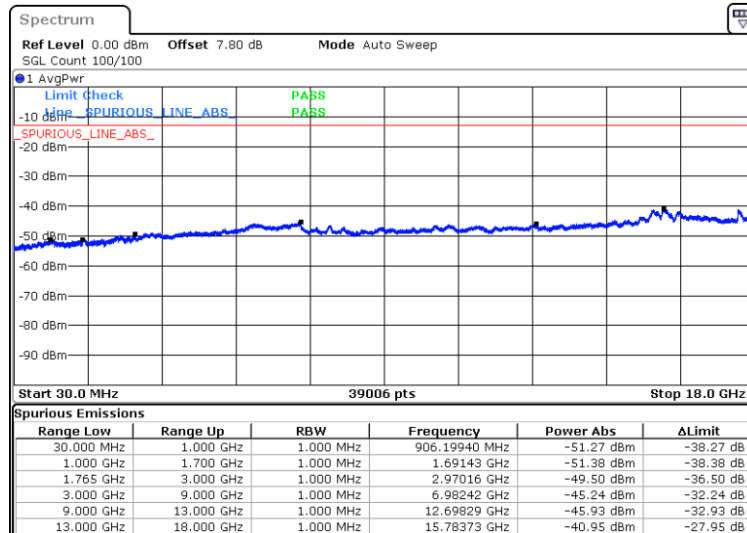
Date: 27.AUG.2026 17:40:41

## Middle Channel / QPSK



Date: 27.AUG.2026 17:42:27

## Highest Channel / QPSK

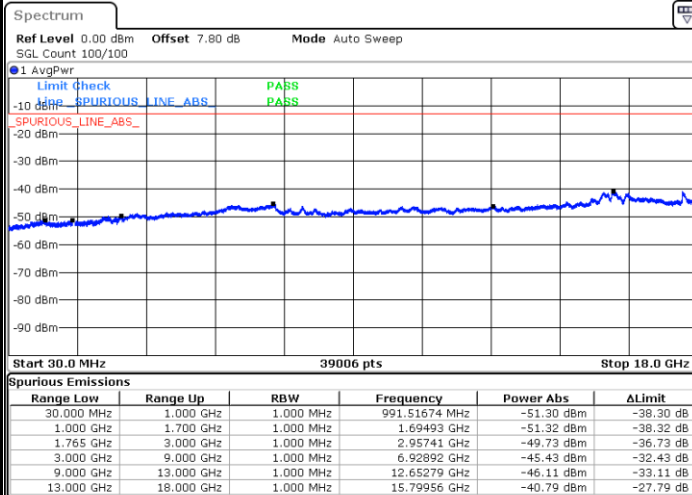


Date: 27.AUG.2026 17:44:03



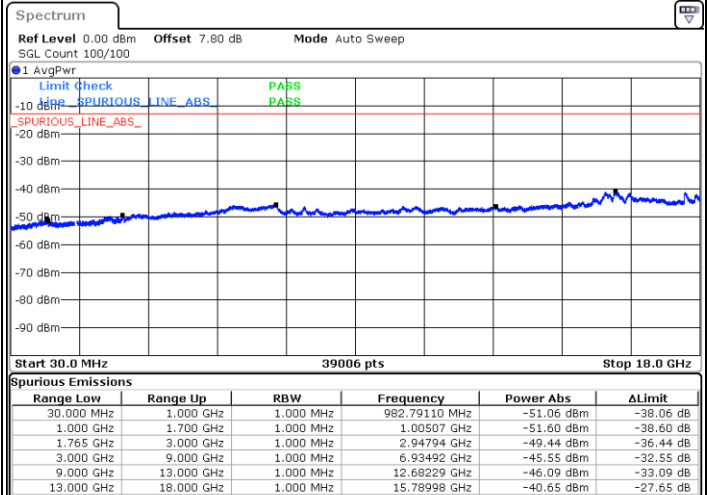
## LTE Band 4 / 5MHz

## Lowest Channel / QPSK



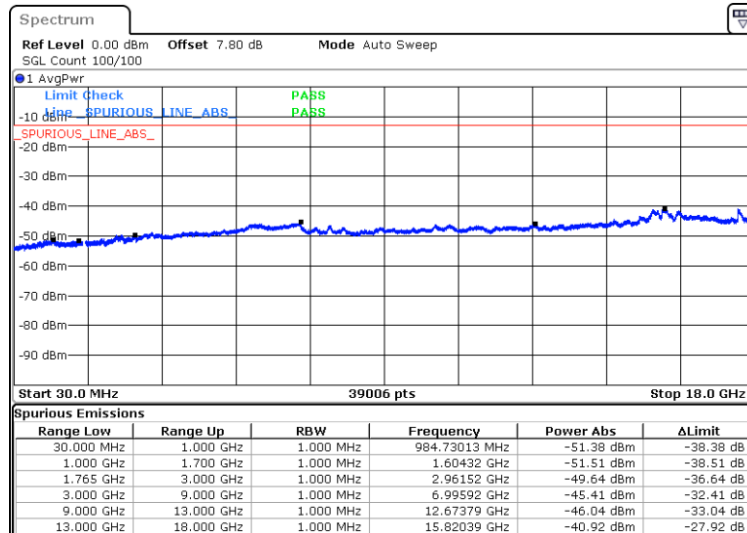
Date: 27.AUG.2026 17:47:44

## Middle Channel / QPSK



Date: 27.AUG.2026 17:49:09

## Highest Channel / QPSK

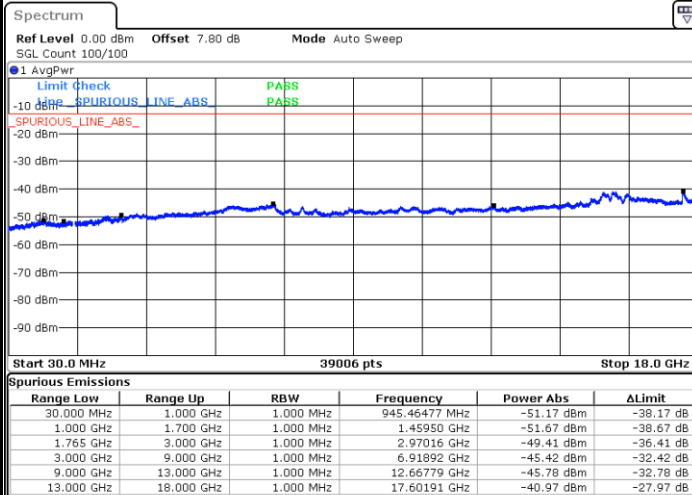


Date: 27.AUG.2026 17:50:45



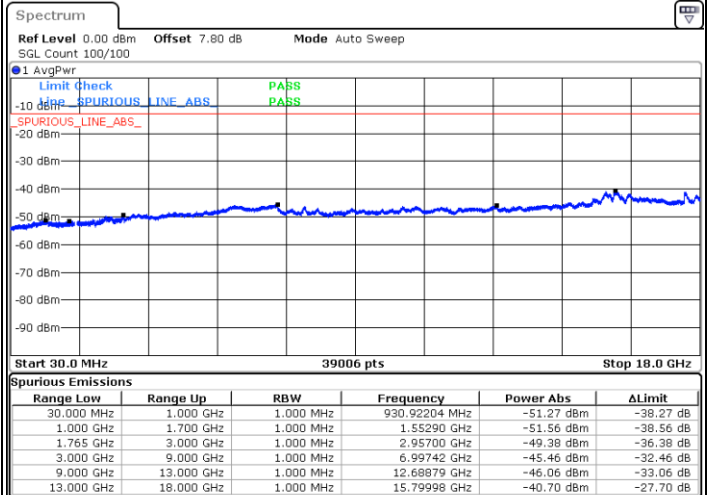
## LTE Band 4 / 10MHz

## Lowest Channel / QPSK



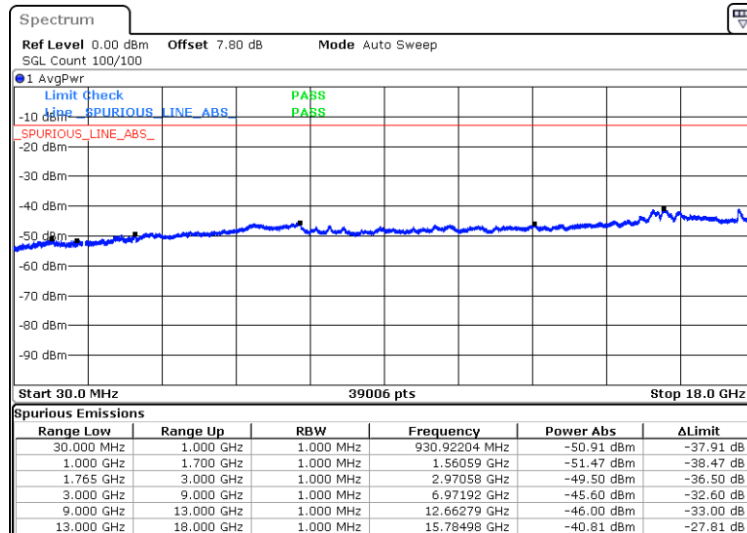
Date: 27.AUG.2026 18:01:03

## Middle Channel / QPSK



Date: 27.AUG.2026 18:02:43

## Highest Channel / QPSK

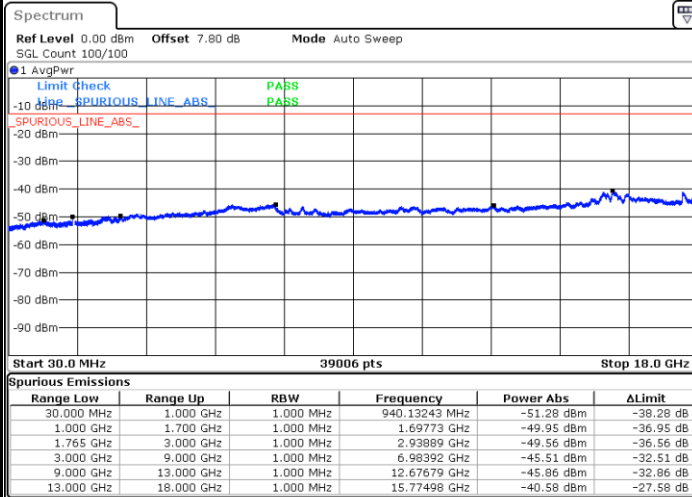


Date: 27.AUG.2026 18:04:37



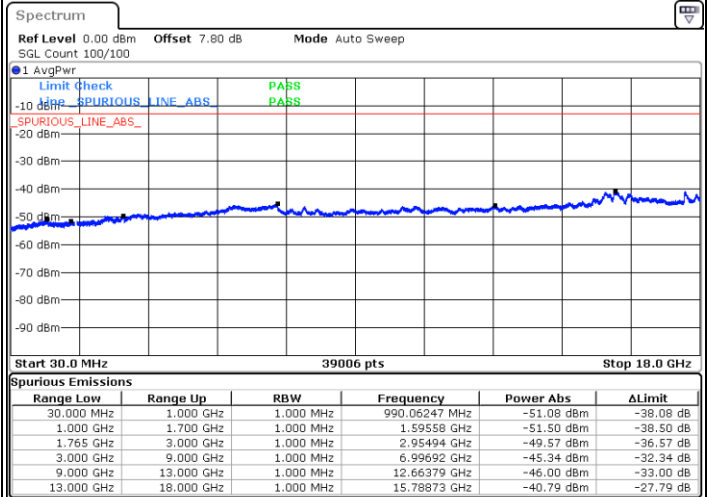
## LTE Band 4 / 15MHz

## Lowest Channel / QPSK



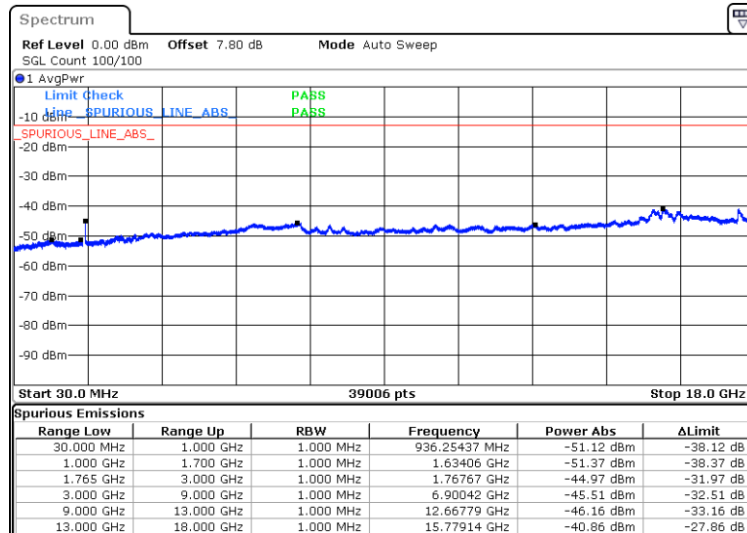
Date: 27.AUG.2026 18:50:02

## Middle Channel / QPSK



Date: 27.AUG.2026 18:51:40

## Highest Channel / QPSK

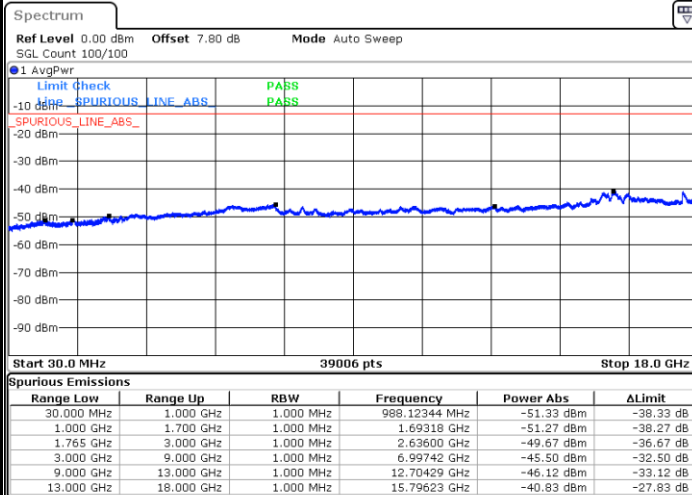


Date: 27.AUG.2026 18:53:06



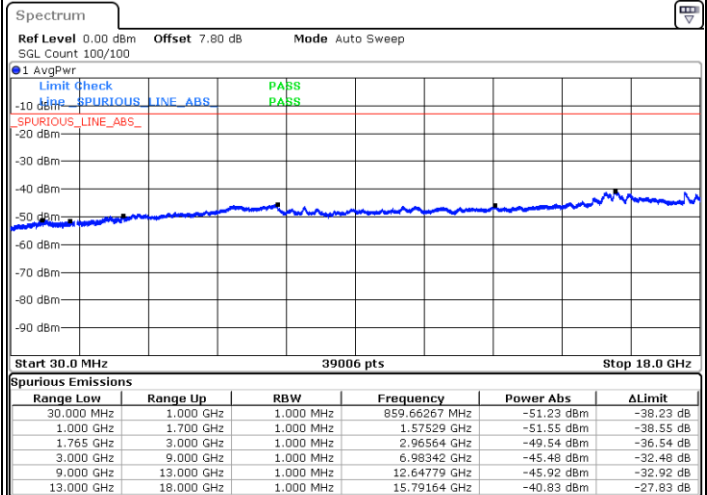
## LTE Band 4 / 20MHz

## Lowest Channel / QPSK



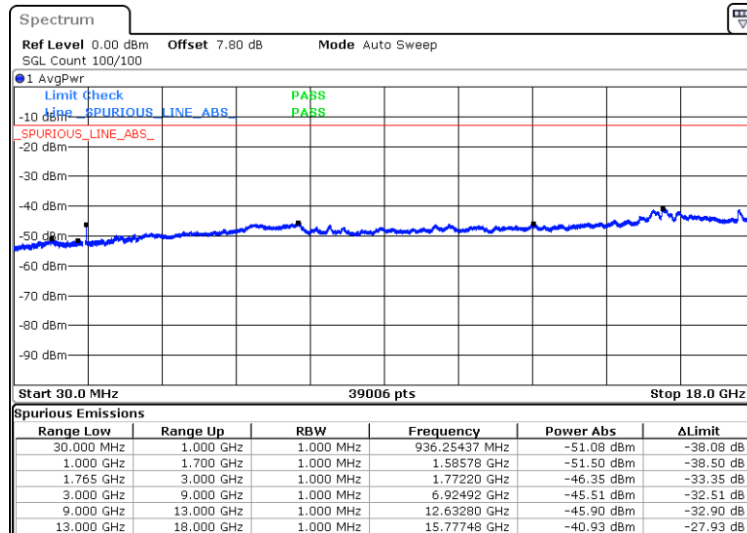
Date: 27.AUG.2026 18:59:03

## Middle Channel / QPSK



Date: 27.AUG.2026 19:00:52

## Highest Channel / QPSK



Date: 27.AUG.2026 19:02:38

## Frequency Stability

| Test Conditions     |                   | LTE Band 4 (QPSK) / Middle Channel / BandWidth 10M |                                         |                                             |        |
|---------------------|-------------------|----------------------------------------------------|-----------------------------------------|---------------------------------------------|--------|
| Temperature<br>(°C) | Voltage<br>(Volt) | Deviation (ppm)                                    | Frequency Offset ( $\Delta f$ )<br>(Hz) | Within Authorized<br>Frequency<br>Block(Hz) | Result |
| 50                  | Normal Voltage    | 0.0065                                             | -11.2                                   | Yes                                         | PASS   |
| 40                  | Normal Voltage    | 0.0024                                             | -4.1                                    | Yes                                         |        |
| 30                  | Normal Voltage    | 0.0086                                             | -14.9                                   | Yes                                         |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                                             | 0                                       | Yes                                         |        |
| 10                  | Normal Voltage    | 0.0075                                             | -13                                     | Yes                                         |        |
| 0                   | Normal Voltage    | 0.0056                                             | -9.7                                    | Yes                                         |        |
| -10                 | Normal Voltage    | 0.0081                                             | -14.1                                   | Yes                                         |        |
| -20                 | Normal Voltage    | 0.0038                                             | -6.5                                    | Yes                                         |        |
| -30                 | Normal Voltage    | 0.0054                                             | -9.3                                    | Yes                                         |        |
| 20                  | Maximum Voltage   | 0.0035                                             | -6.1                                    | Yes                                         |        |
| 20                  | Normal Voltage    | 0.0000                                             | 0                                       | Yes                                         |        |
| 20                  | Minimum Voltage   | 0.0007                                             | 1.2                                     | Yes                                         |        |

**Note:**

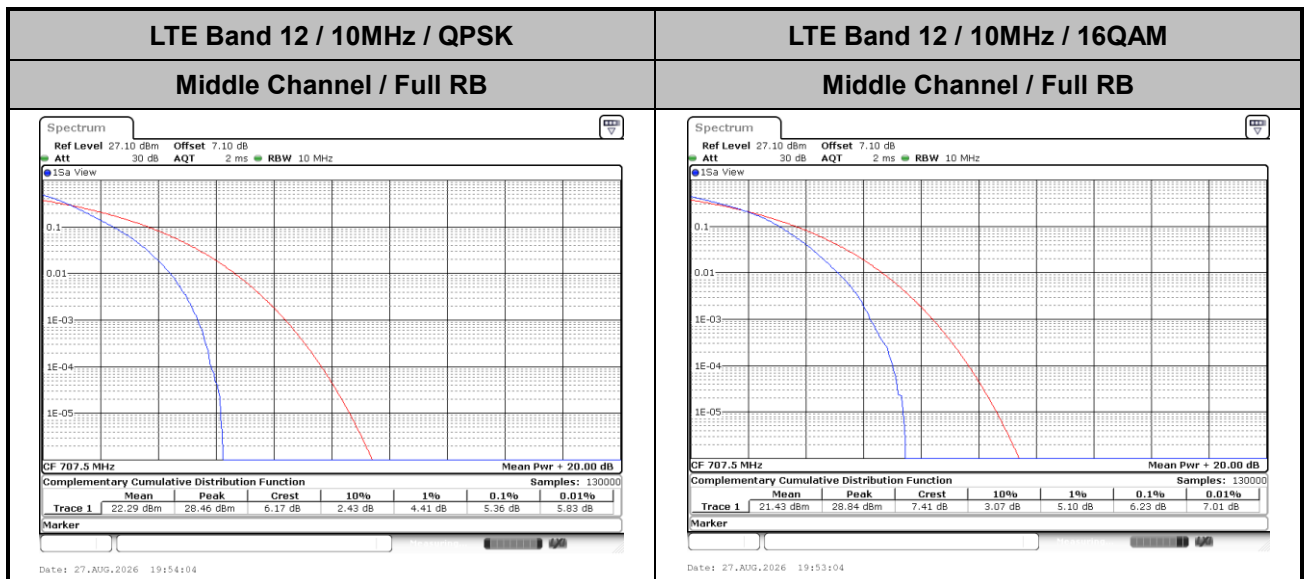
1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



## LTE Band 12

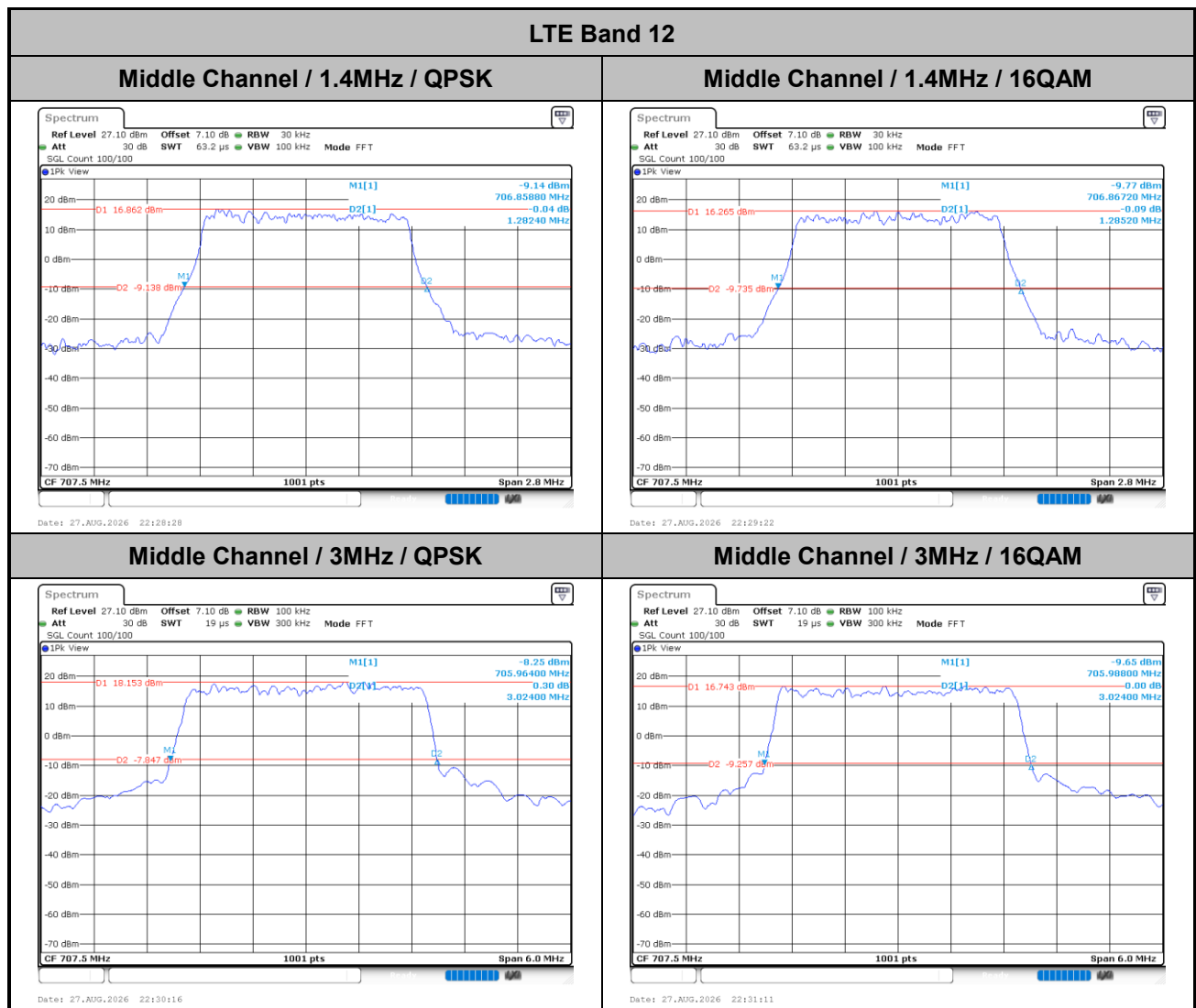
## Peak-to-Average Ratio

| 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 | 5.36                | 6.23    | -       | -       | PASS        |



**26dB Bandwidth**

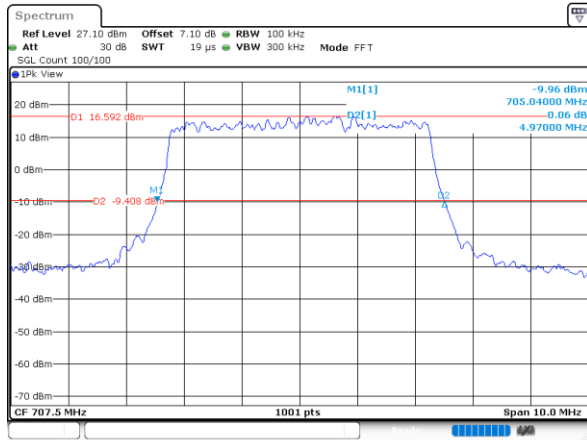
| Mode      | LTE Band 12 : 26dB BW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|-----------|----------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW        | 1.4MHz                     |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.      | QPSK                       | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Middle CH | 1.28                       | 1.28  | 3.02 | 3.02  | 4.97 | 4.87  | 9.88  | 5.58  | -     | -     | -     | -     |



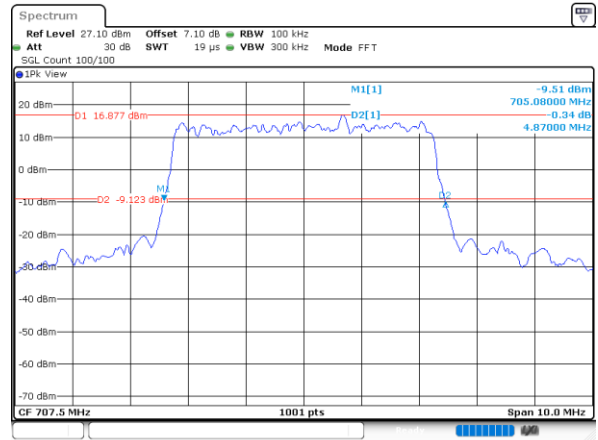


## LTE Band 12

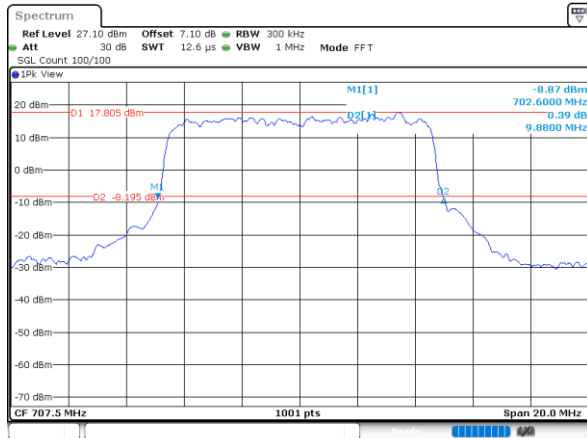
## Middle Channel / 5MHz / QPSK



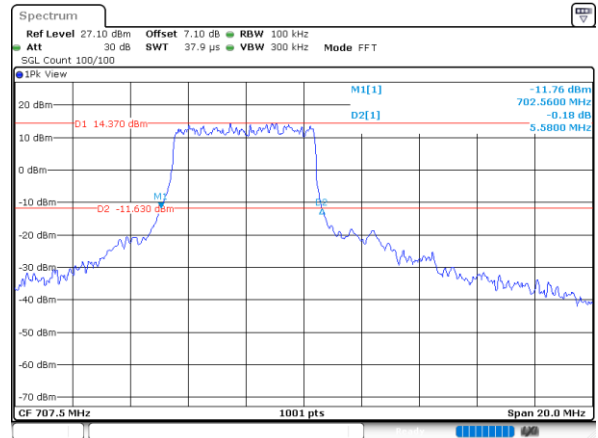
## Middle Channel / 5MHz / 16QAM



## Middle Channel / 10MHz / QPSK



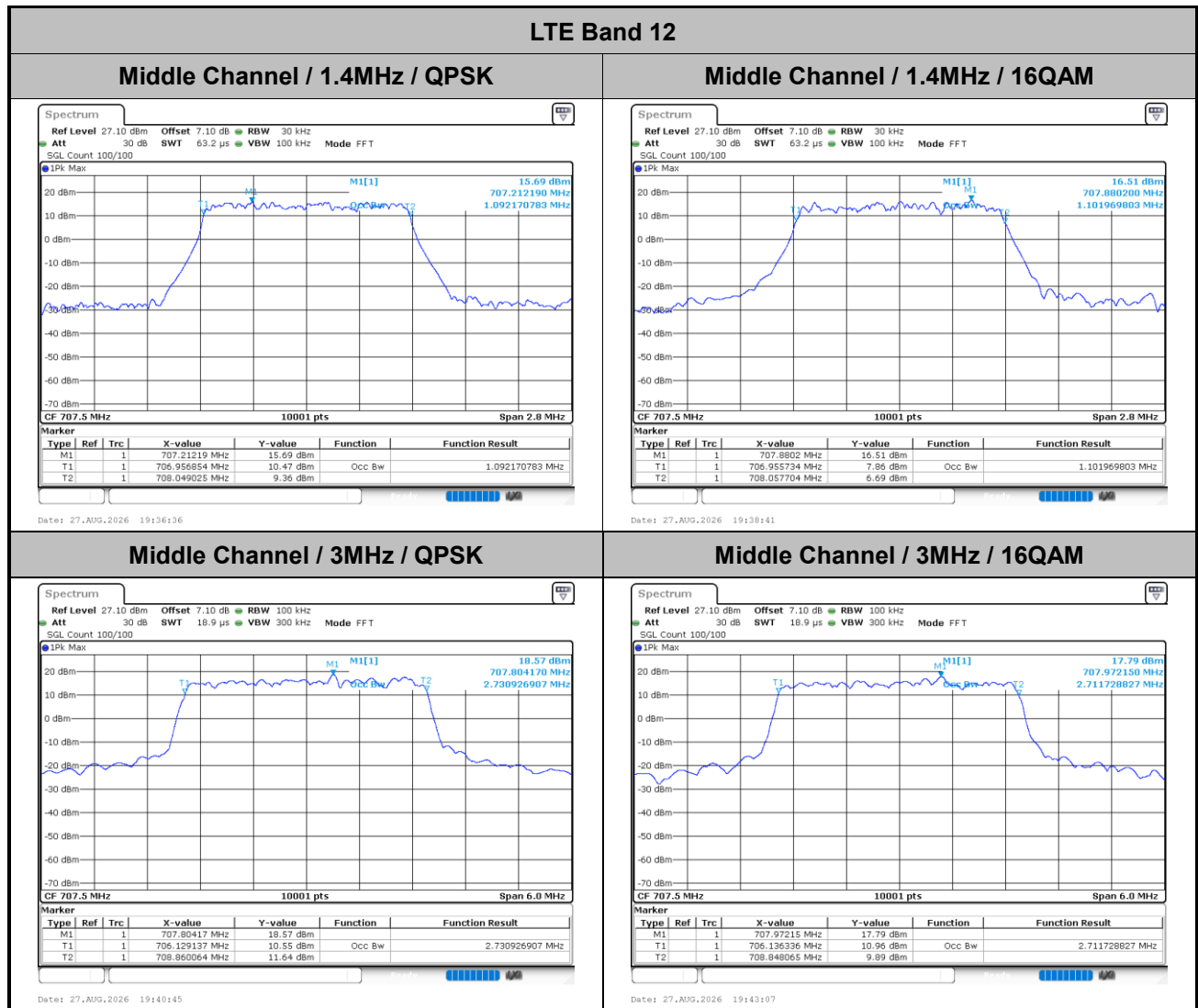
## Middle Channel / 10MHz / 16QAM





## Occupied Bandwidth

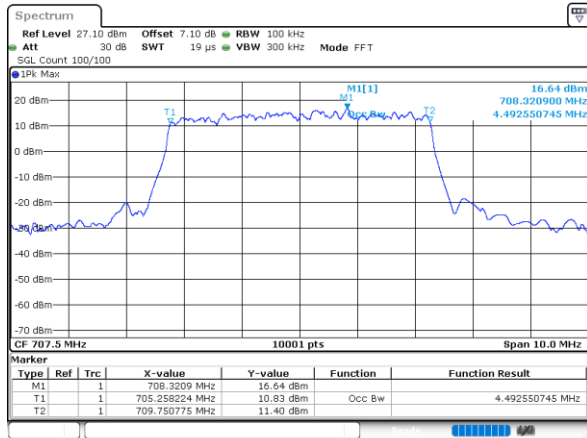
| Mode      | LTE Band 12 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|-----------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW        | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.      | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Middle CH | 1.09                      | 1.10  | 2.73 | 2.71  | 4.49 | 4.49  | 9.01  | 4.90  | -     | -     | -     | -     |



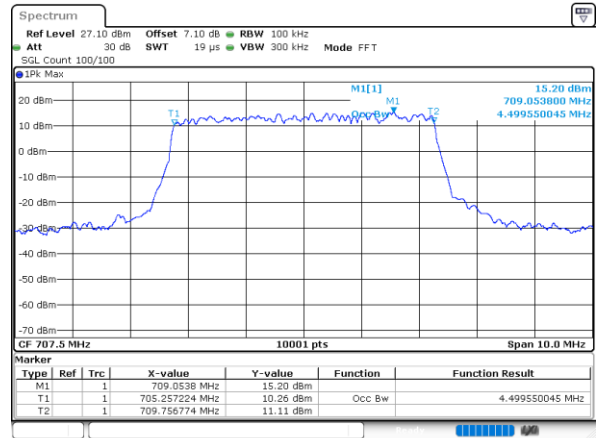


## LTE Band 12

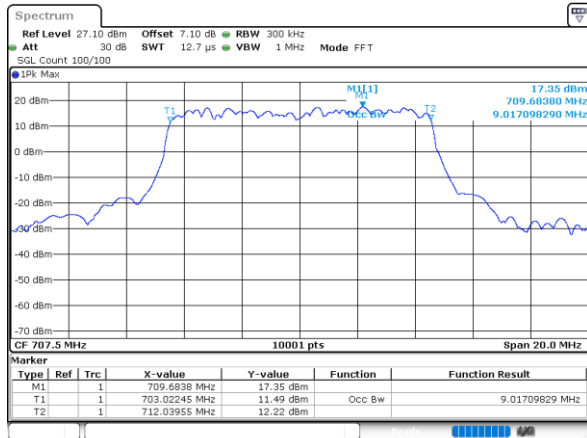
## Middle Channel / 5MHz / QPSK



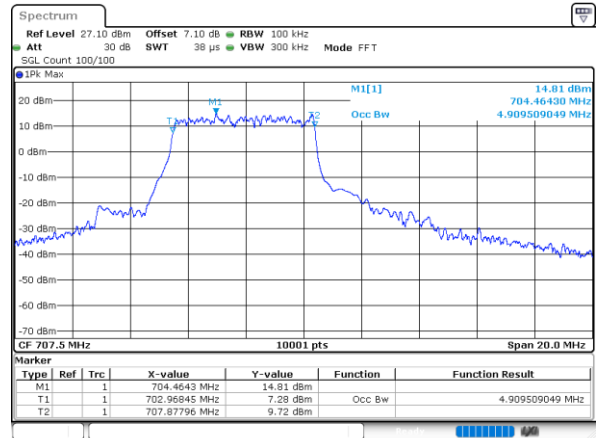
## Middle Channel / 5MHz / 16QAM



## Middle Channel / 10MHz / QPSK



## Middle Channel / 10MHz / 16QAM

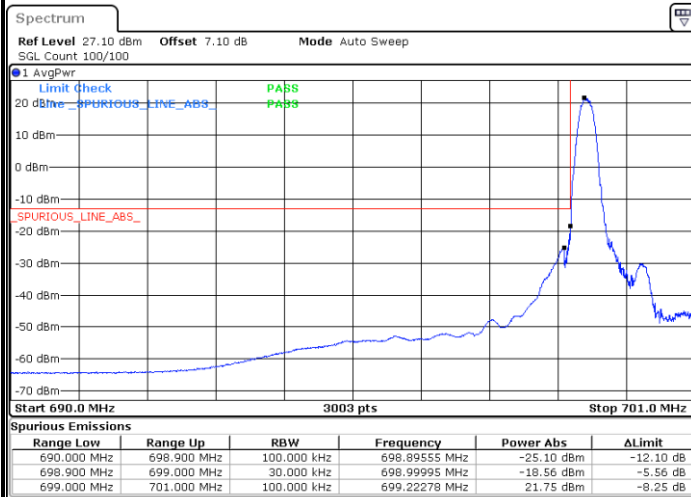




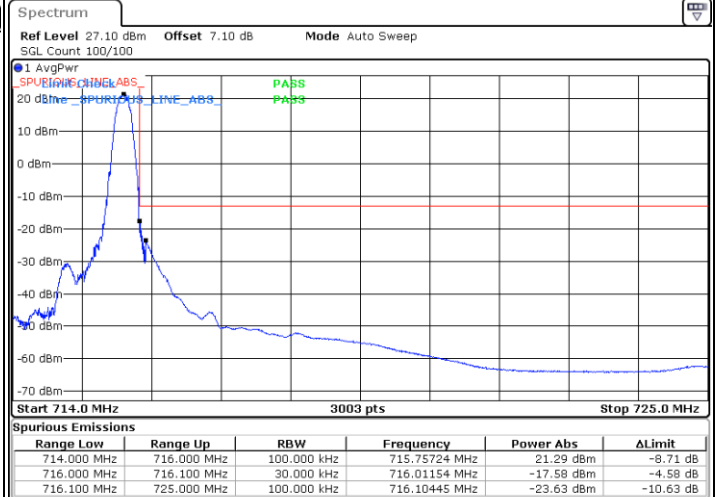
# Conducted Band Edge

## LTE Band 12 / 1.4MHz / QPSK

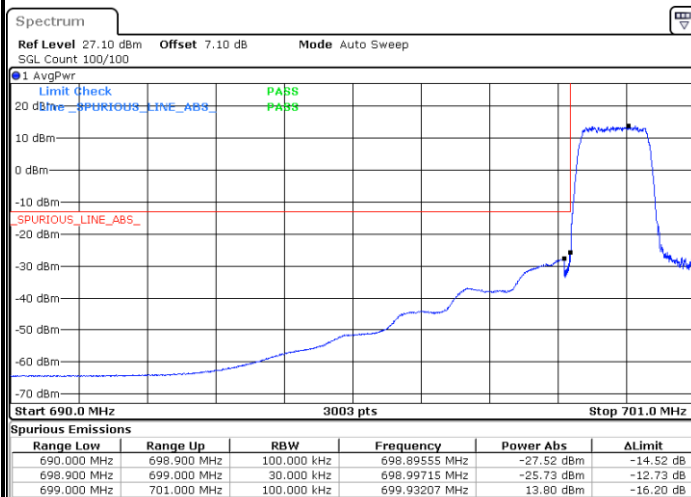
### Lowest Band Edge / 1RB



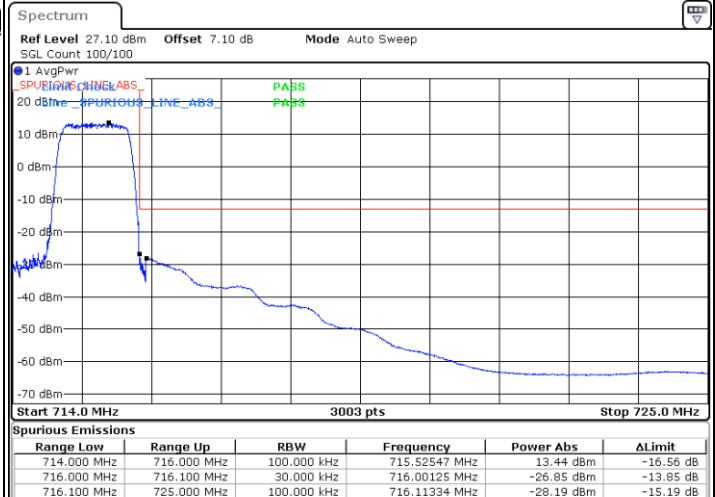
### Highest Band Edge / 1RB



### Lowest Band Edge / Full RB



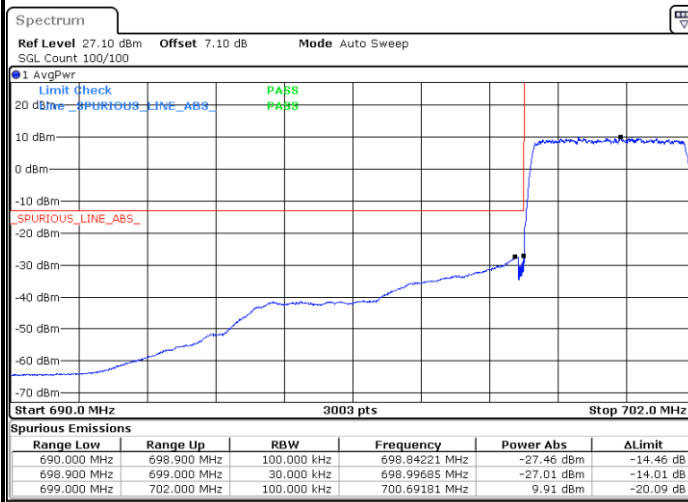
### Highest Band Edge / Full RB



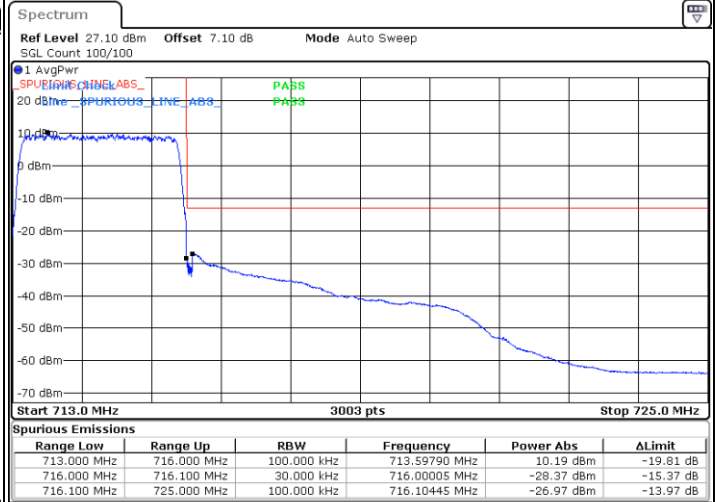


## LTE Band 12 / 3MHz / QPSK

## Lowest Band Edge / Full RB

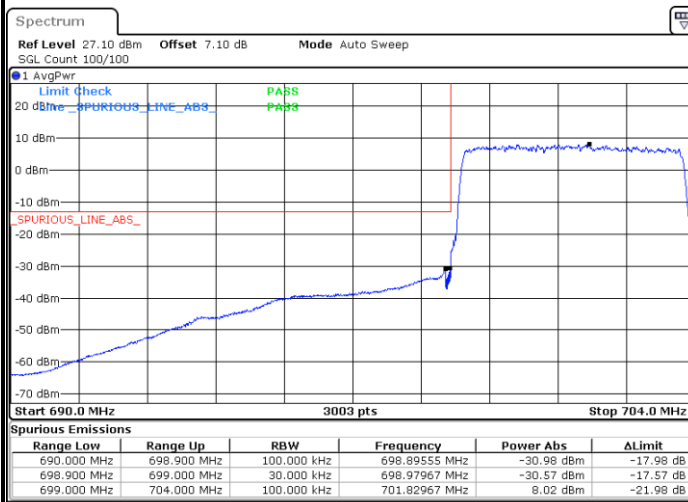


## Highest Band Edge / Full RB

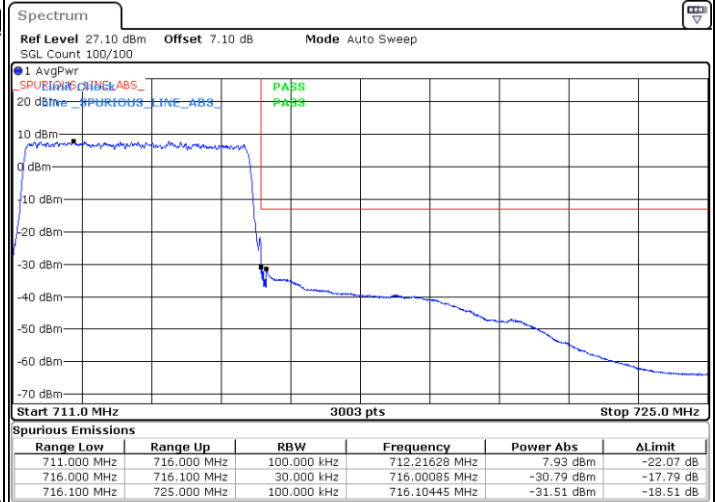


## LTE Band 12 / 5MHz / QPSK

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

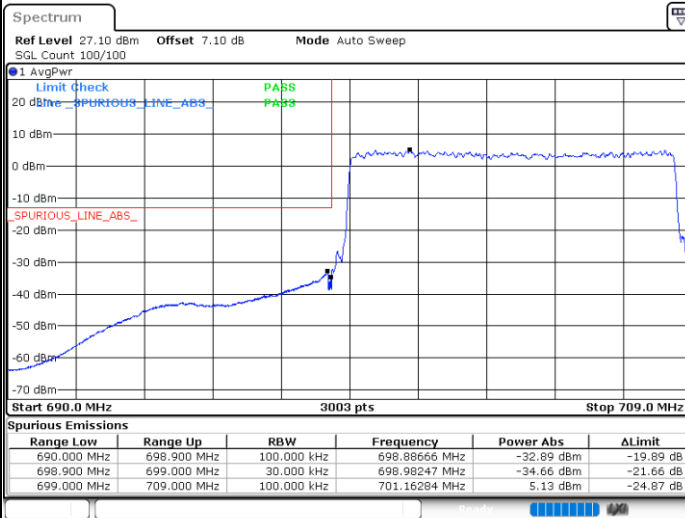




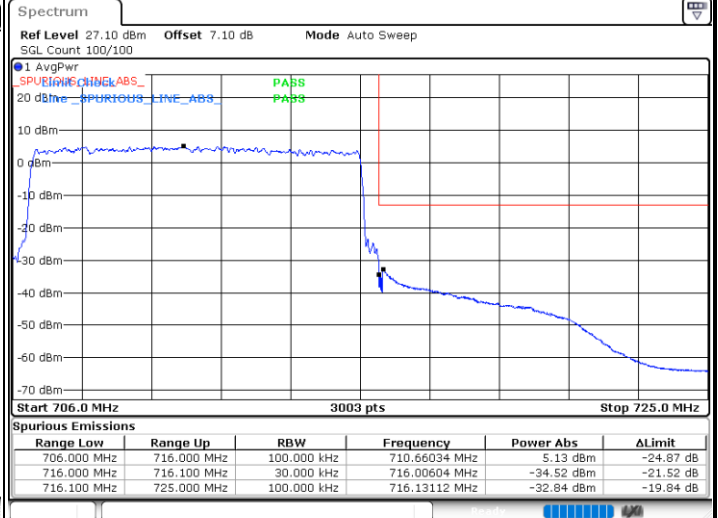
## LTE Band 12 / 10MHz / QPSK

## Lowest Band Edge / Full RB

## Highest Band Edge / Full RB



Date: 27.AUG.2026 19:31:25



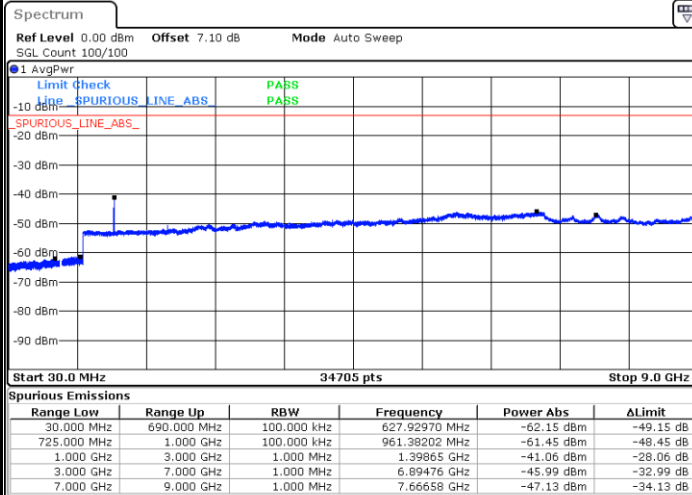
Date: 27.AUG.2026 19:34:04



# Conducted Spurious Emission

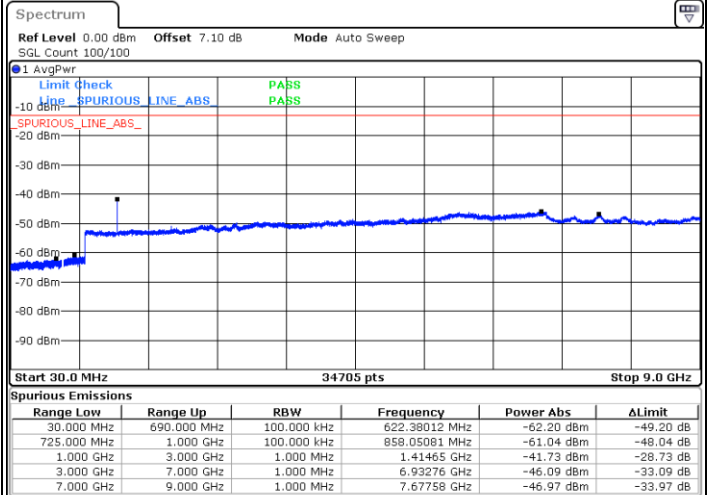
## LTE Band 12 / 1.4MHz

### Lowest Channel / QPSK



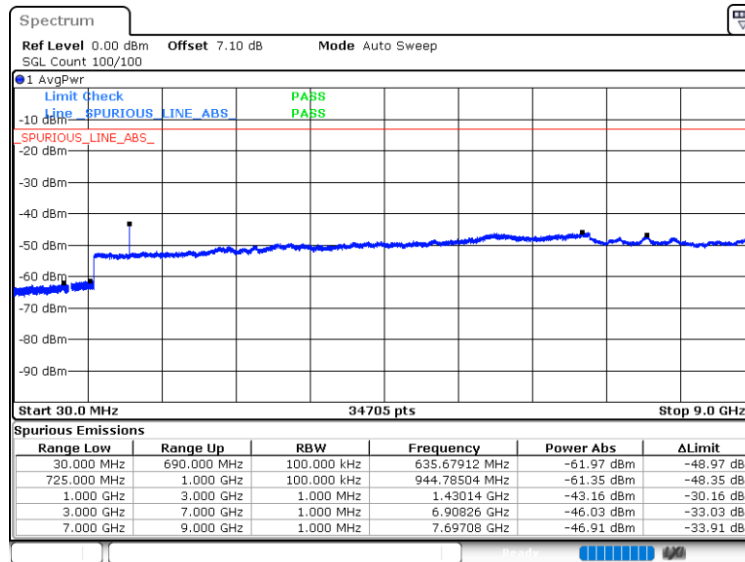
Date: 27.AUG.2026 19:55:46

### Middle Channel / QPSK



Date: 27.AUG.2026 19:57:26

### Highest Channel / QPSK

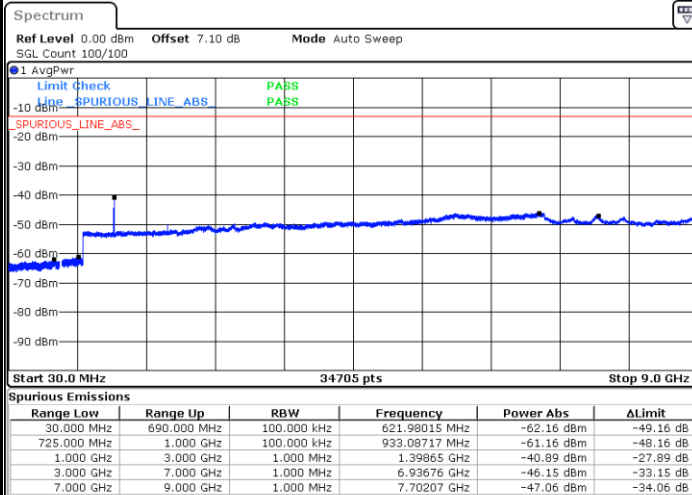


Date: 27.AUG.2026 19:59:10



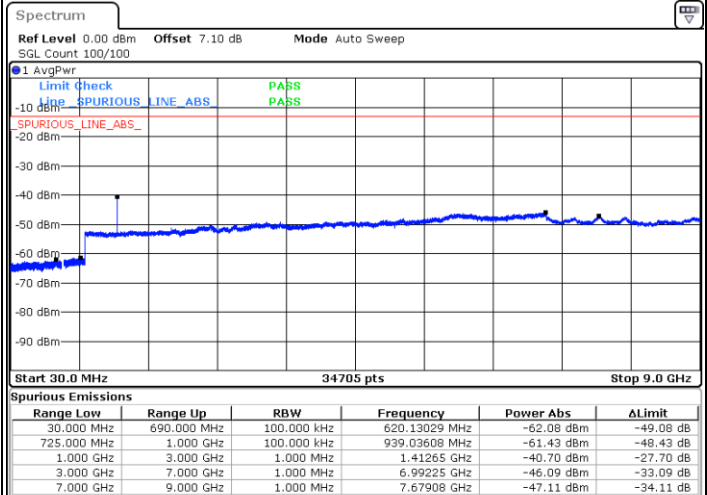
## LTE Band 12 / 3MHz

## Lowest Channel / QPSK



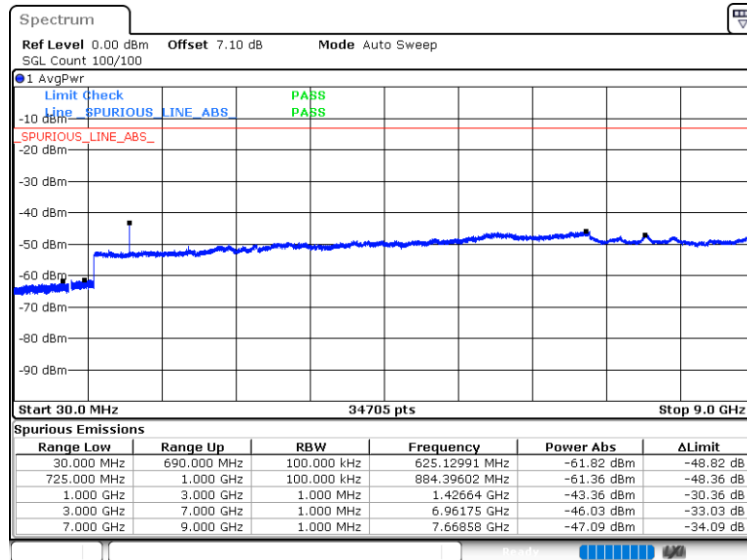
Date: 27.AUG.2026 20:00:48

## Middle Channel / QPSK



Date: 27.AUG.2026 20:02:35

## Highest Channel / QPSK

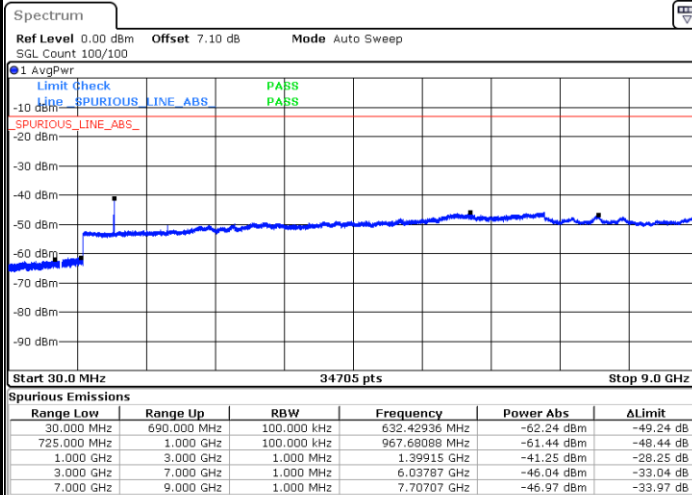


Date: 27.AUG.2026 20:04:17



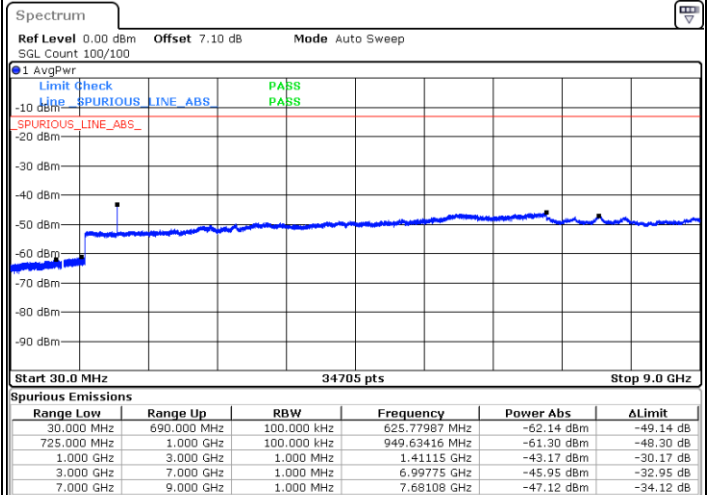
## LTE Band 12 / 5MHz

## Lowest Channel / QPSK



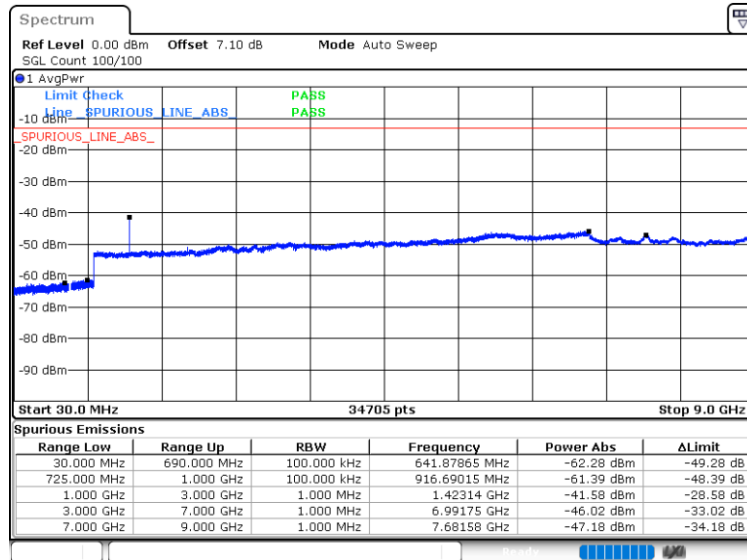
Date: 27.AUG.2026 20:05:56

## Middle Channel / QPSK



Date: 27.AUG.2026 20:07:29

## Highest Channel / QPSK

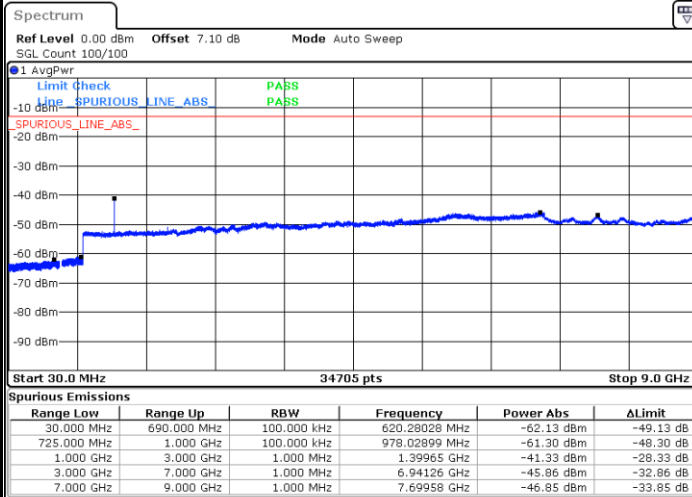


Date: 27.AUG.2026 20:09:11



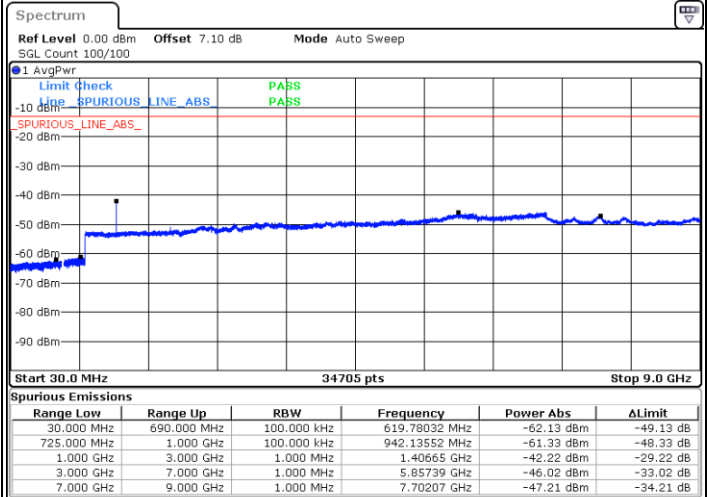
## LTE Band 12 / 10MHz

## Lowest Channel / QPSK



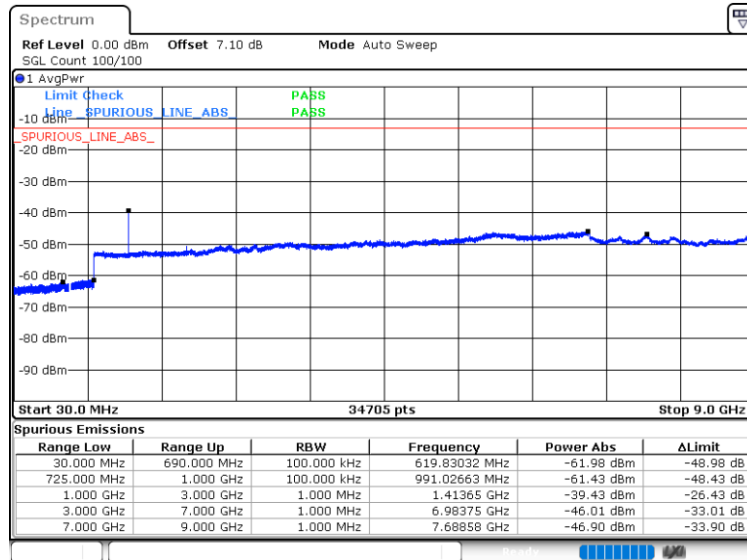
Date: 27.AUG.2026 20:10:50

## Middle Channel / QPSK



Date: 27.AUG.2026 20:12:32

## Highest Channel / QPSK



Date: 27.AUG.2026 20:14:08

## Frequency Stability

| Test Conditions     |                   | LTE Band 12 (QPSK) / Middle Channel / BandWidth 10M |                                         |                                             |        |
|---------------------|-------------------|-----------------------------------------------------|-----------------------------------------|---------------------------------------------|--------|
| Temperature<br>(°C) | Voltage<br>(Volt) | Deviation (ppm)                                     | Frequency Offset ( $\Delta f$ )<br>(Hz) | Within Authorized<br>Frequency<br>Block(Hz) | Result |
| 50                  | Normal Voltage    | 0.0151                                              | -10.7                                   | Yes                                         | PASS   |
| 40                  | Normal Voltage    | 0.0044                                              | 3.1                                     | Yes                                         |        |
| 30                  | Normal Voltage    | 0.0034                                              | -2.4                                    | Yes                                         |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                                              | 0                                       | Yes                                         |        |
| 10                  | Normal Voltage    | 0.0141                                              | -10                                     | Yes                                         |        |
| 0                   | Normal Voltage    | 0.0096                                              | 6.8                                     | Yes                                         |        |
| -10                 | Normal Voltage    | 0.0061                                              | -4.3                                    | Yes                                         |        |
| -20                 | Normal Voltage    | 0.0042                                              | 3                                       | Yes                                         |        |
| -30                 | Normal Voltage    | 0.0095                                              | 6.7                                     | Yes                                         |        |
| 20                  | Maximum Voltage   | 0.0143                                              | -10.1                                   | Yes                                         |        |
| 20                  | Normal Voltage    | 0.0000                                              | 0                                       | Yes                                         |        |
| 20                  | Minimum Voltage   | 0.0047                                              | 3.3                                     | Yes                                         |        |

**Note:**

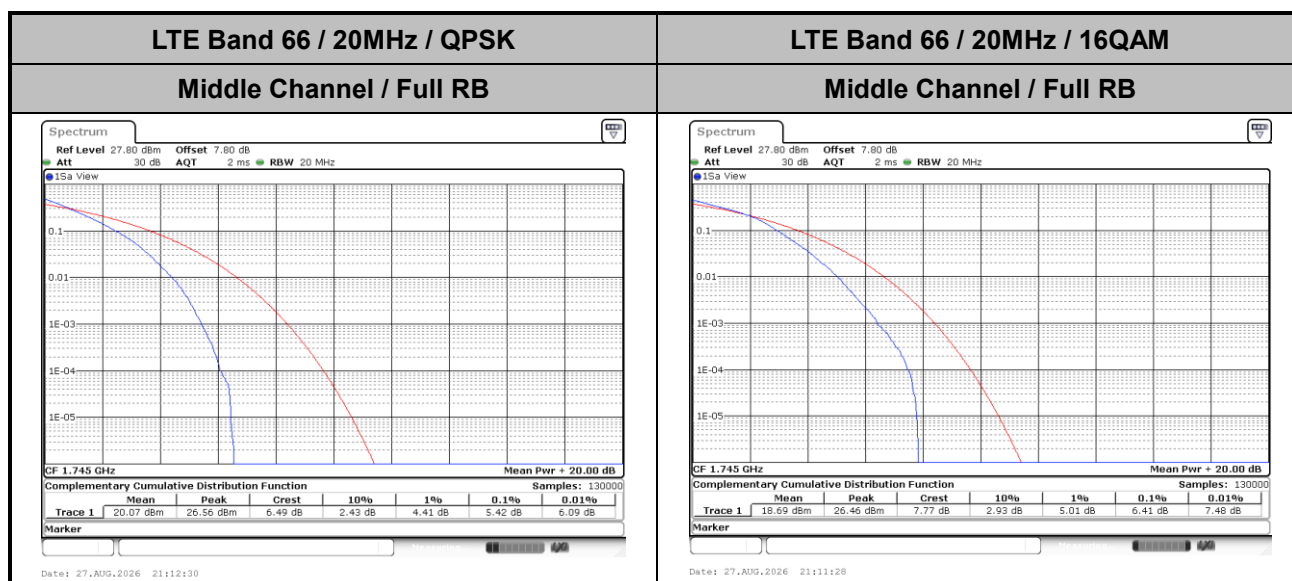
1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



## LTE Band 66

## Peak-to-Average Ratio

| Mode      | LTE Band 66 / 20MHz |         |         |         |             |
|-----------|---------------------|---------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | 256QAM  | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Full RB | Result      |
| Middle CH | 5.42                | 6.41    | -       | -       | PASS        |





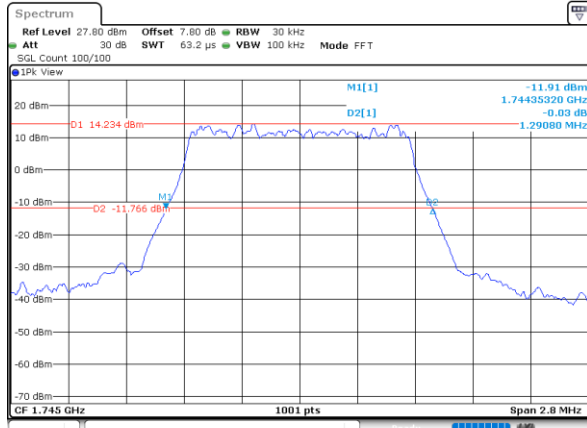
**26dB Bandwidth**

| Mode      | LTE Band 66 : 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 | 1.29                       | 1.28  | 3.04 | 3.01  | 4.95 | 4.89  | 9.86  | 5.42  | 14.16 | 5.94  | 19.24 | 5.96  |



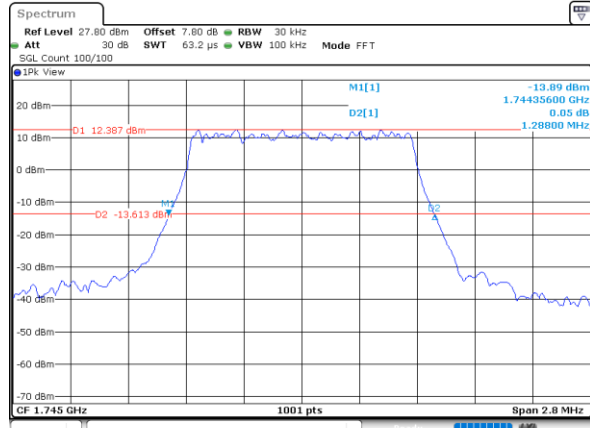
## LTE Band 66

## Middle Channel / 1.4MHz / QPSK



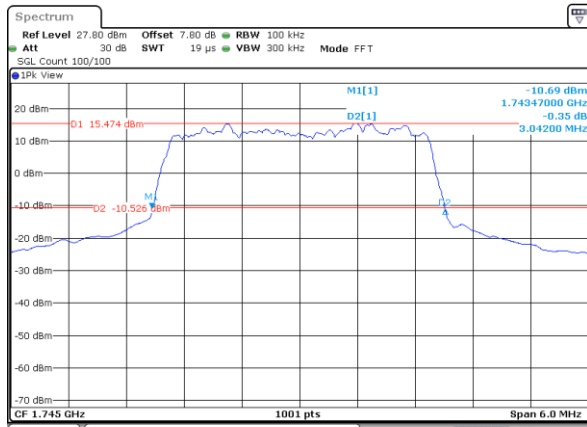
Date: 27.AUG.2026 22:08:57

## Middle Channel / 1.4MHz / 16QAM



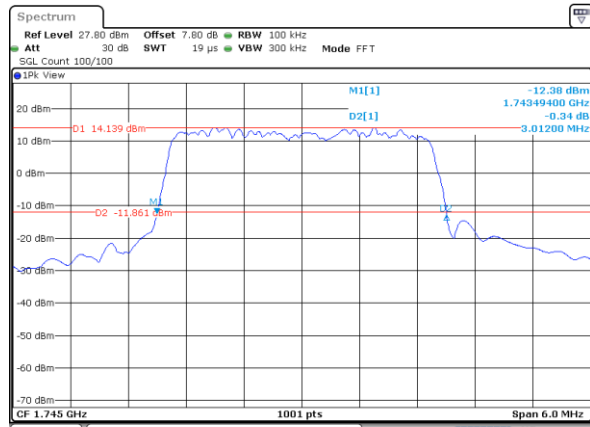
Date: 27.AUG.2026 22:10:00

## Middle Channel / 3MHz / QPSK



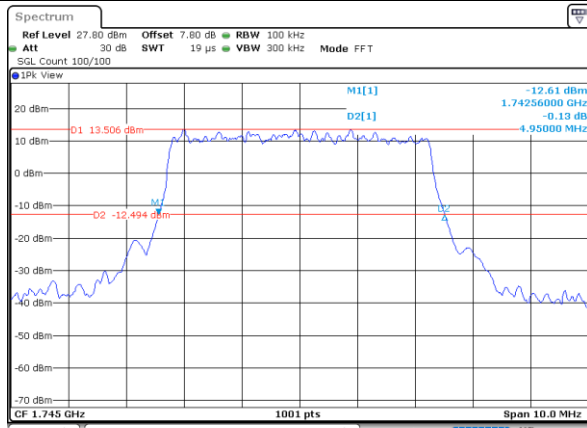
Date: 27.AUG.2026 22:11:06

## Middle Channel / 3MHz / 16QAM



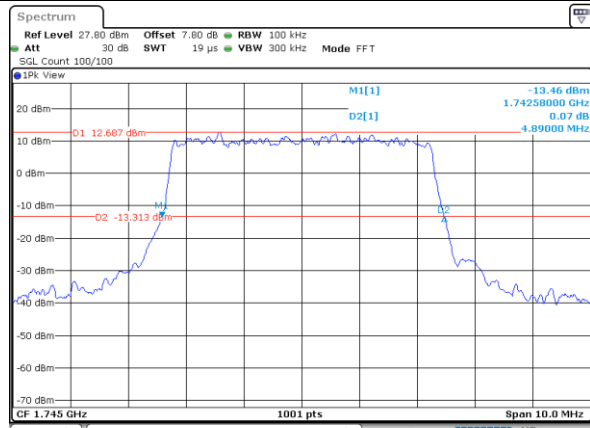
Date: 27.AUG.2026 22:11:59

## Middle Channel / 5MHz / QPSK



Date: 27.AUG.2026 22:12:52

## Middle Channel / 5MHz / 16QAM

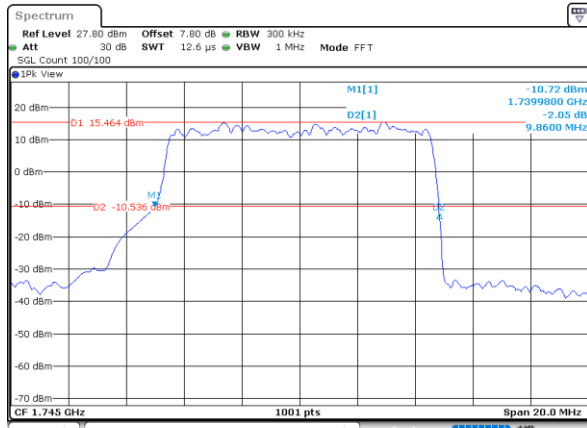


Date: 27.AUG.2026 22:13:44



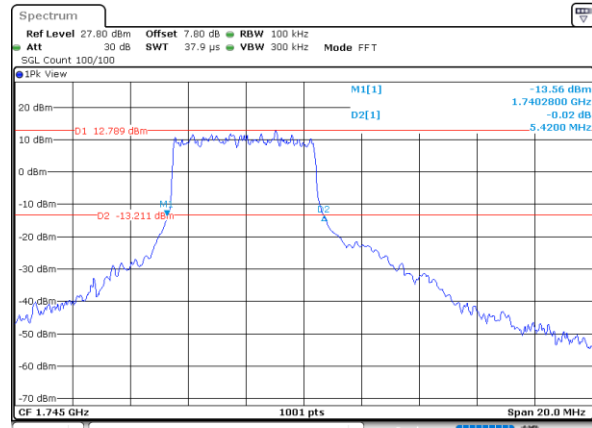
## LTE Band 66

## Middle Channel / 10MHz / QPSK



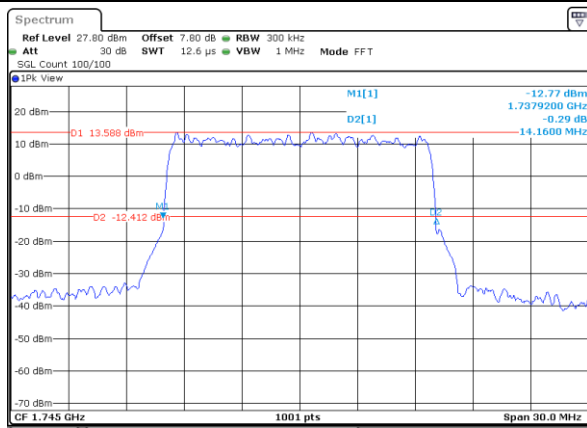
Date: 27.AUG.2026 22:15:57

## Middle Channel / 10MHz / 16QAM



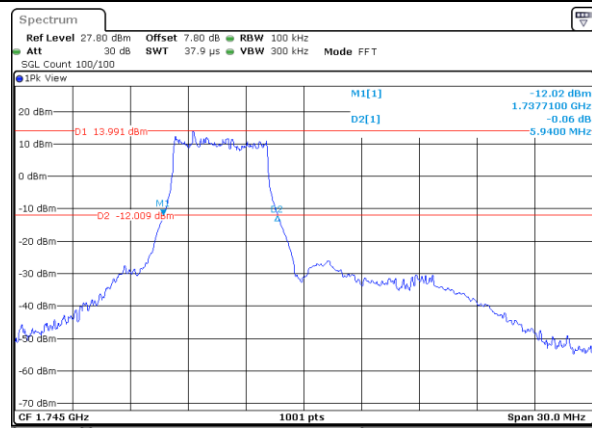
Date: 27.AUG.2026 22:17:05

## Middle Channel / 15MHz / QPSK



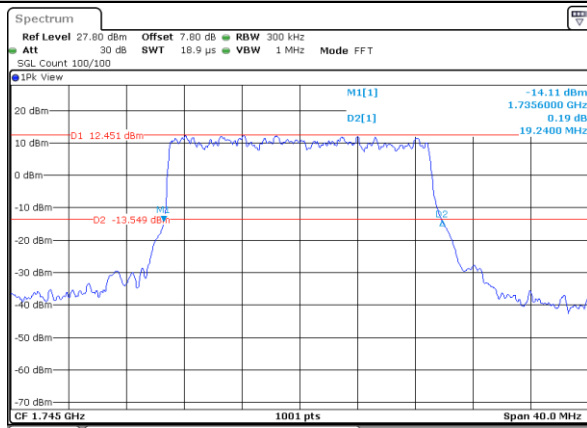
Date: 27.AUG.2026 22:18:00

## Middle Channel / 15MHz / 16QAM



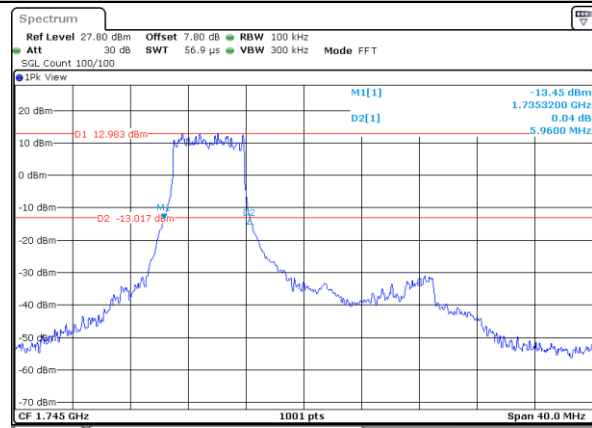
Date: 27.AUG.2026 22:19:20

## Middle Channel / 20MHz / QPSK



Date: 27.AUG.2026 22:21:22

## Middle Channel / 20MHz / 16QAM



Date: 27.AUG.2026 22:22:25



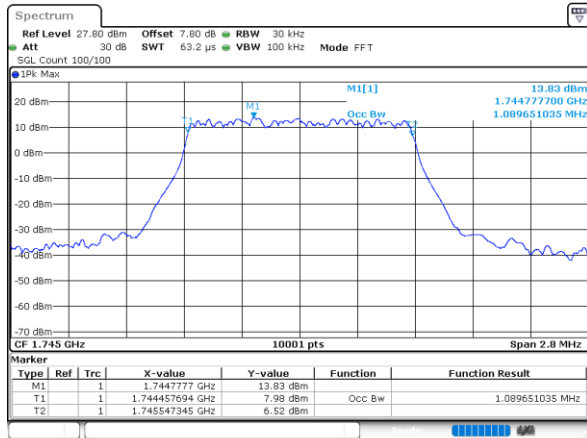
## Occupied Bandwidth

| Mode      | LTE Band 66 : 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 | 1.08                      | 1.09  | 2.71 | 2.70  | 4.47 | 4.49  | 9.10  | 4.87  | 13.48 | 4.88  | 17.79 | 4.87  |



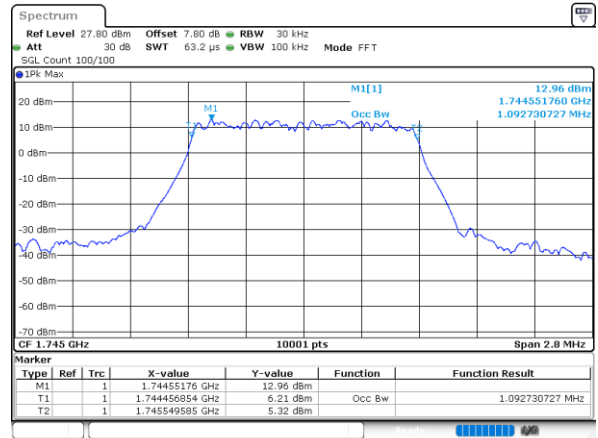
## LTE Band 66

## Middle Channel / 1.4MHz / QPSK



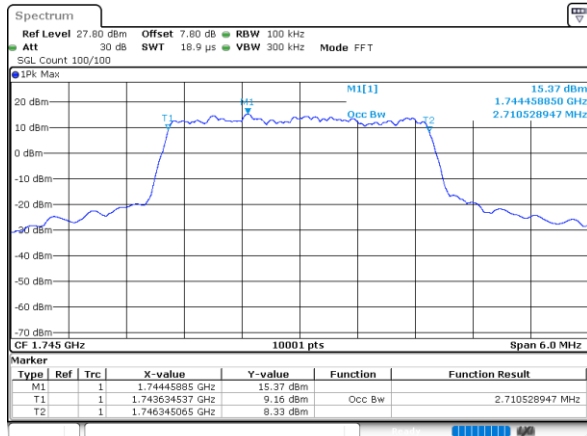
Date: 27.AUG.2026 20:41:49

## Middle Channel / 1.4MHz / 16QAM



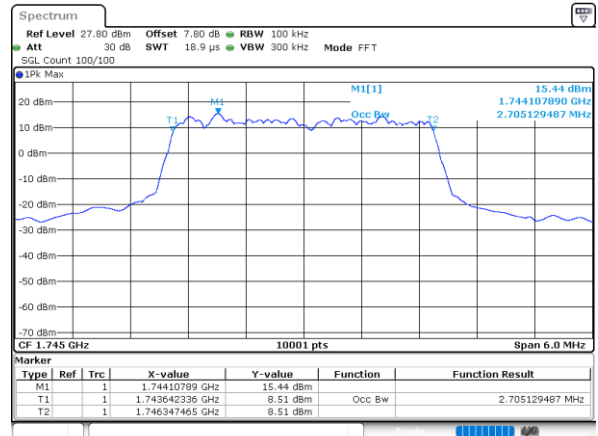
Date: 27.AUG.2026 20:42:48

## Middle Channel / 3MHz / QPSK



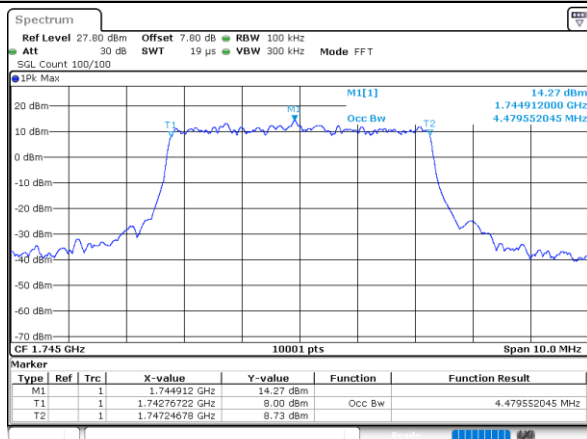
Date: 27.AUG.2026 20:49:56

## Middle Channel / 3MHz / 16QAM



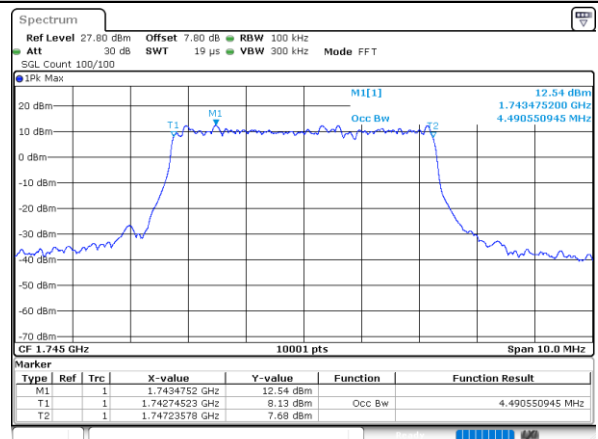
Date: 27.AUG.2026 20:50:54

## Middle Channel / 5MHz / QPSK



Date: 27.AUG.2026 20:54:00

## Middle Channel / 5MHz / 16QAM

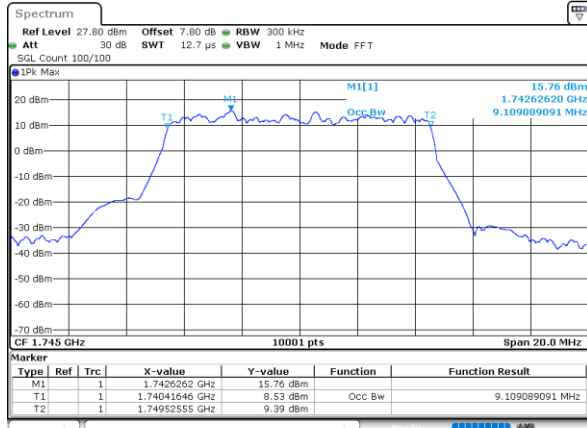


Date: 27.AUG.2026 20:54:56



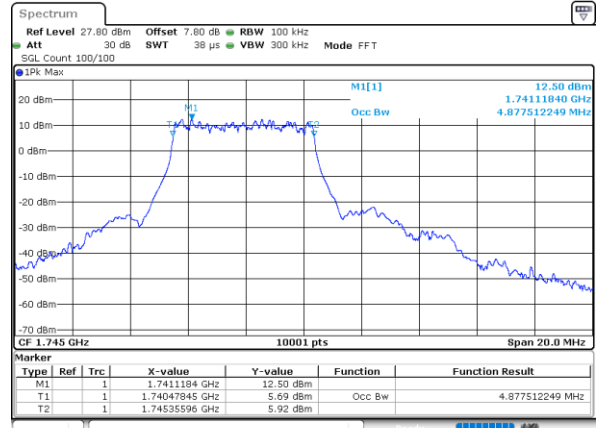
## LTE Band 66

## Middle Channel / 10MHz / QPSK



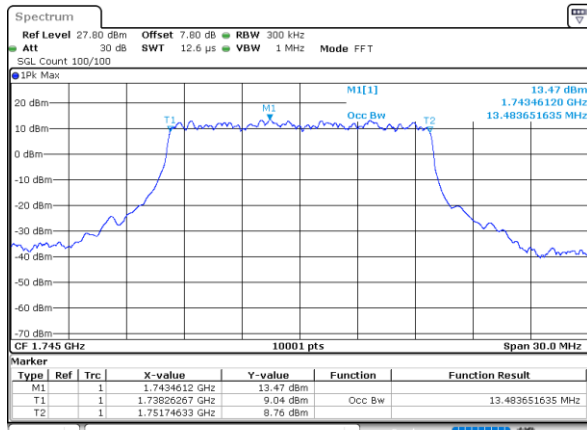
Date: 27.AUG.2026 20:59:06

## Middle Channel / 10MHz / 16QAM



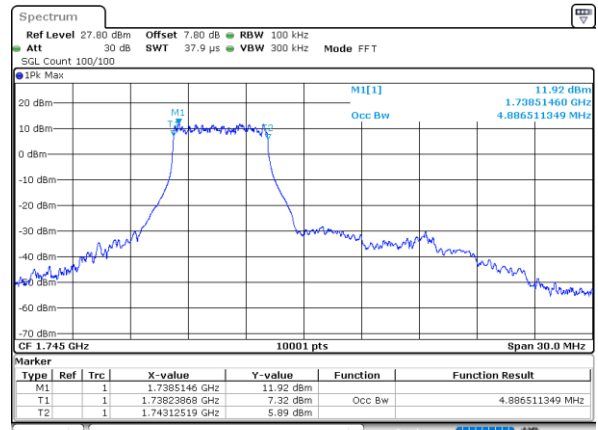
Date: 27.AUG.2026 21:00:07

## Middle Channel / 15MHz / QPSK



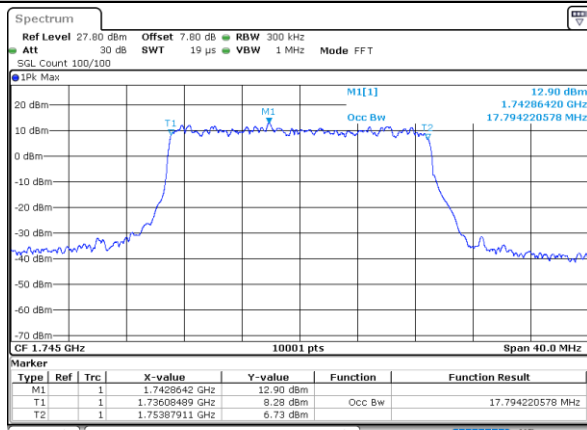
Date: 27.AUG.2026 21:03:09

## Middle Channel / 15MHz / 16QAM



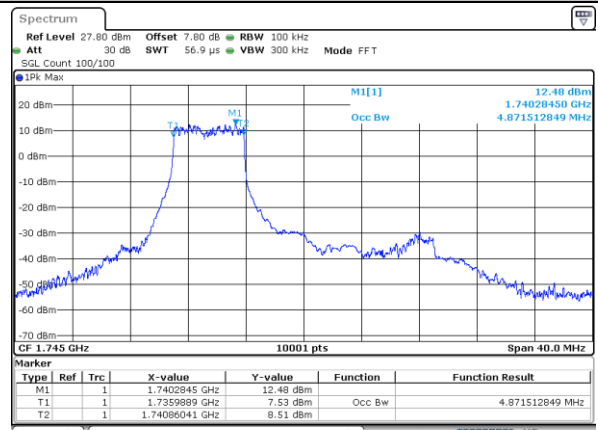
Date: 27.AUG.2026 21:03:58

## Middle Channel / 20MHz / QPSK



Date: 27.AUG.2026 21:07:48

## Middle Channel / 20MHz / 16QAM



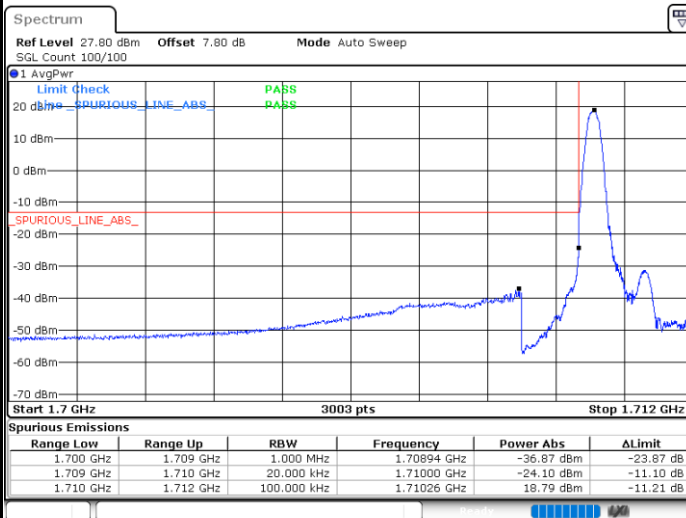
Date: 27.AUG.2026 21:08:41



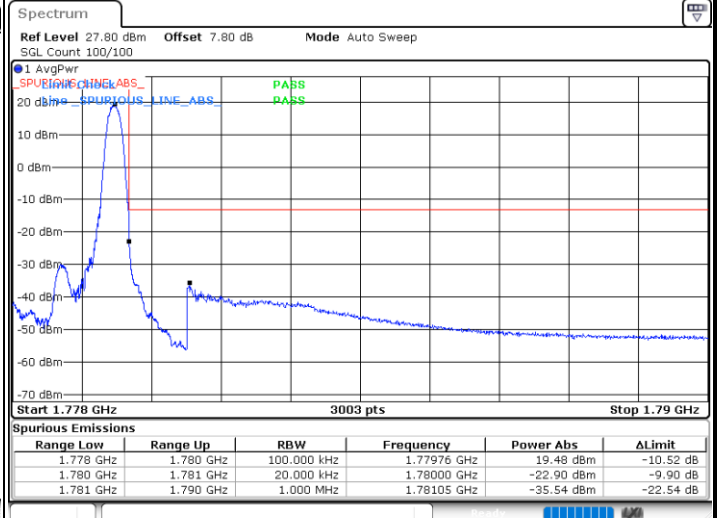
# Conducted Band Edge

## LTE Band 66 / 1.4MHz / QPSK

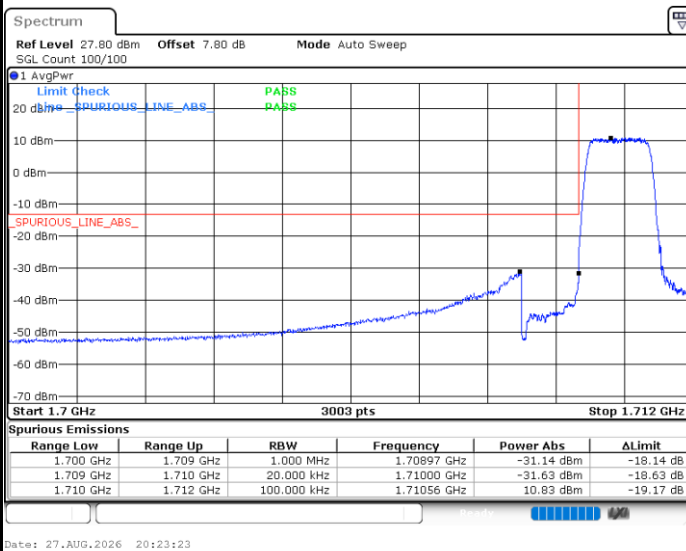
### Lowest Band Edge / 1RB



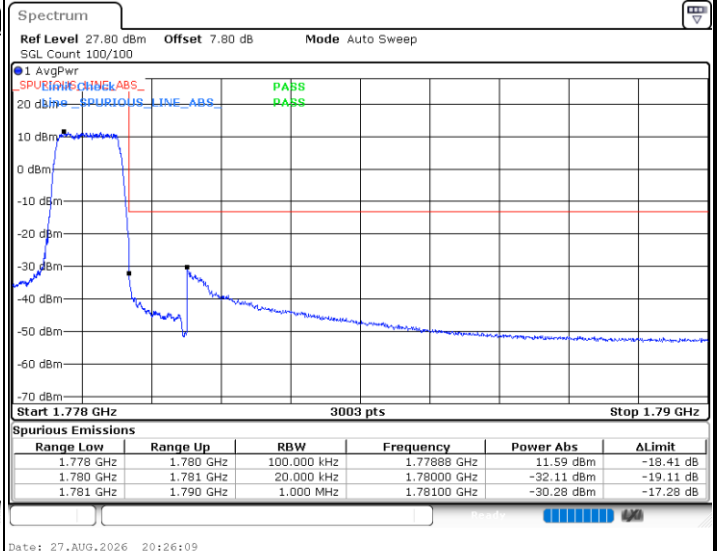
### Highest Band Edge / 1RB



### Lowest Band Edge / Full RB



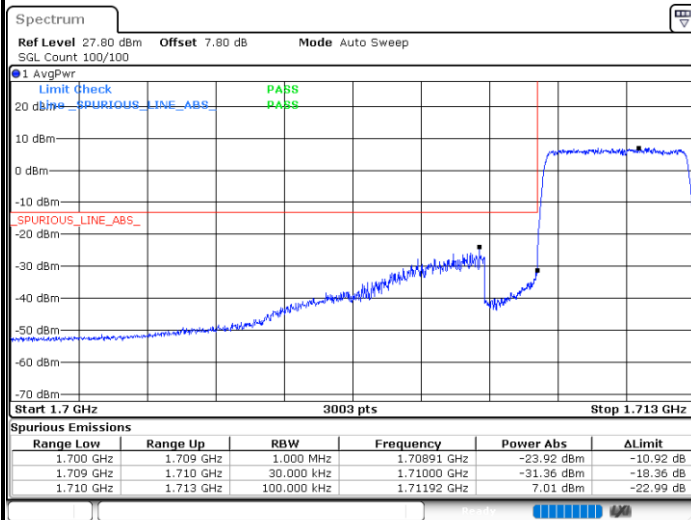
### Highest Band Edge / Full RB



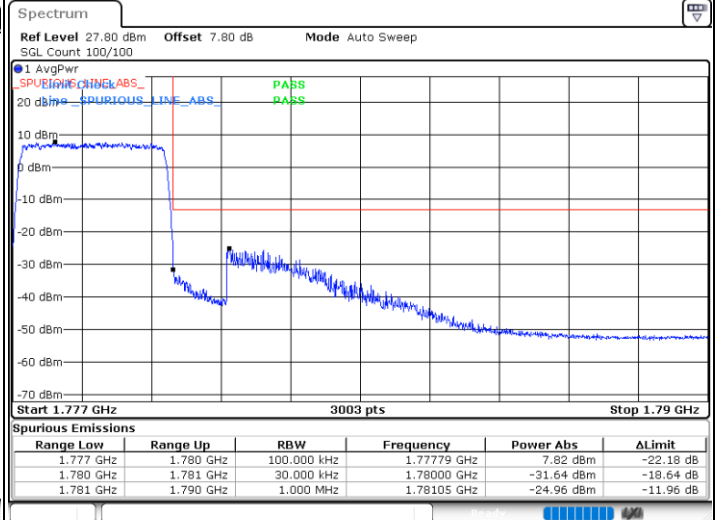


## LTE Band 66 / 3MHz / QPSK

## Lowest Band Edge / Full RB

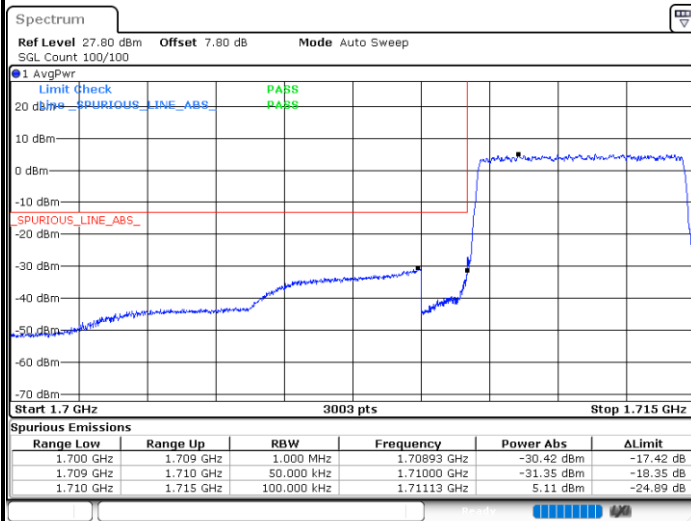


## Highest Band Edge / Full RB

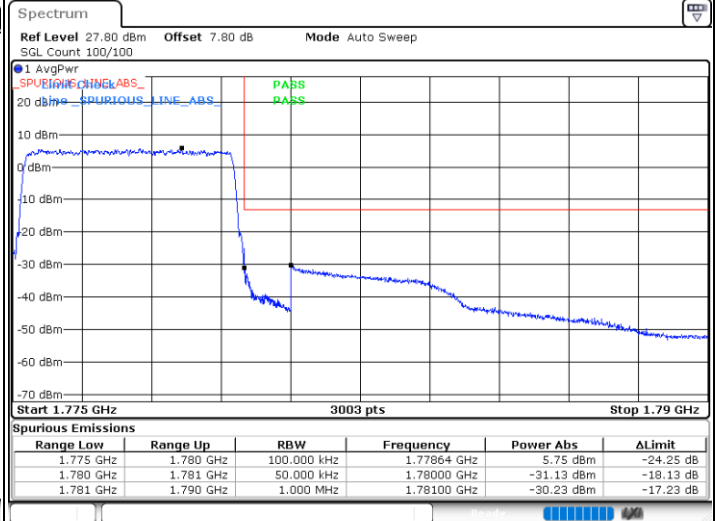


## LTE Band 66 / 5MHz / QPSK

## Lowest Band Edge / Full RB



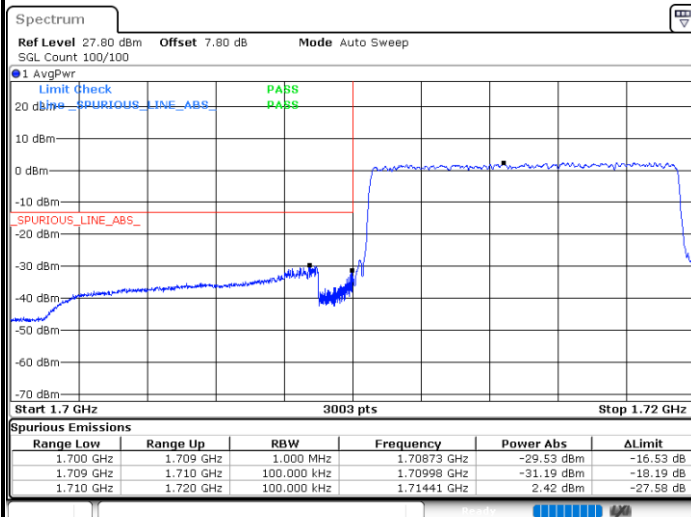
## Highest Band Edge / Full RB



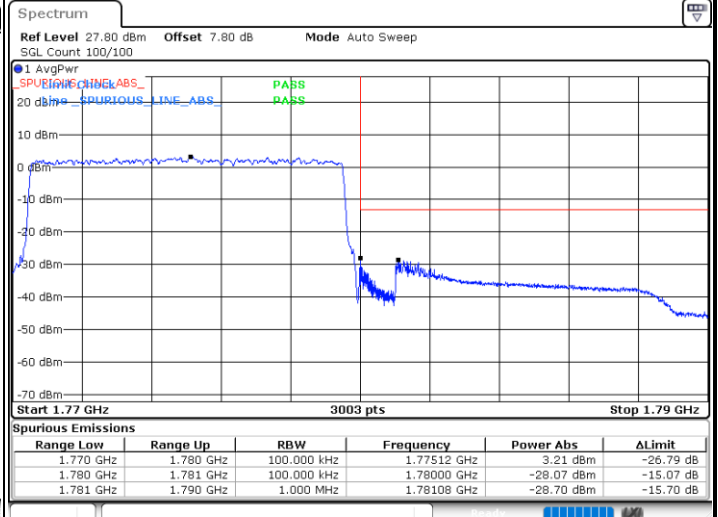


## LTE Band 66 / 10MHz / QPSK

## Lowest Band Edge / Full RB

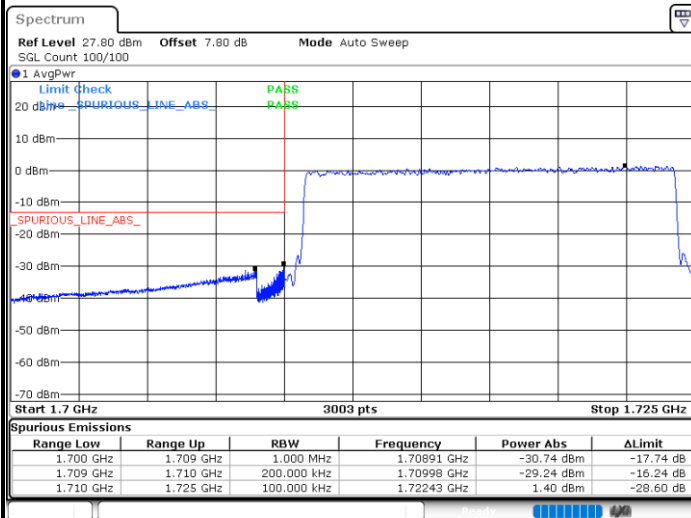


## Highest Band Edge / Full RB

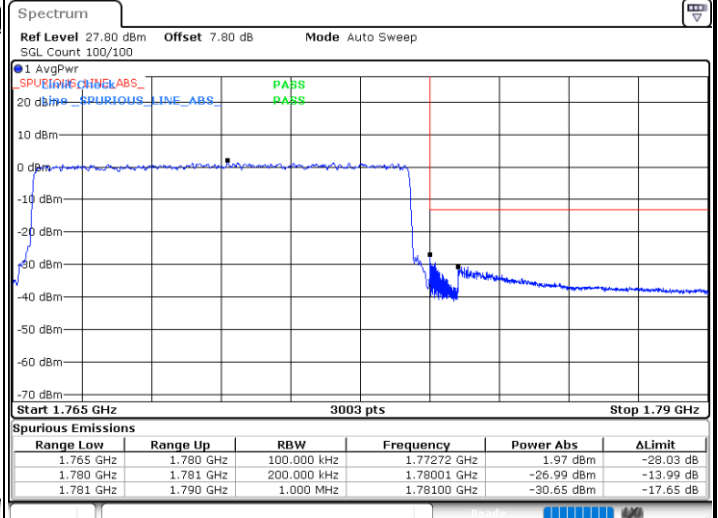


## LTE Band 66 / 15MHz / QPSK

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

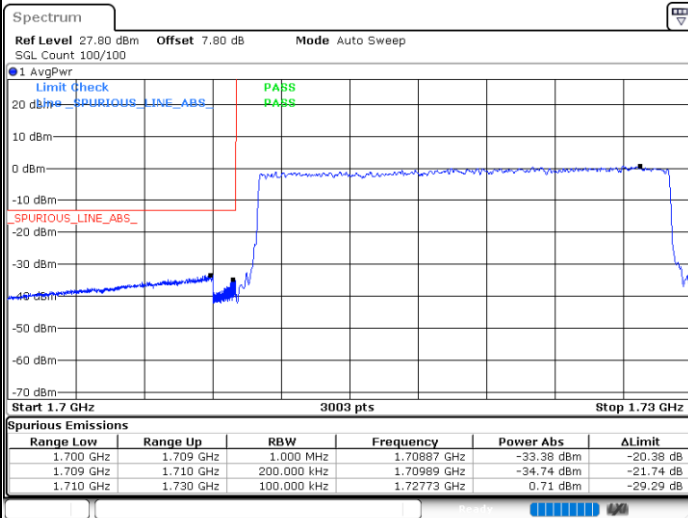




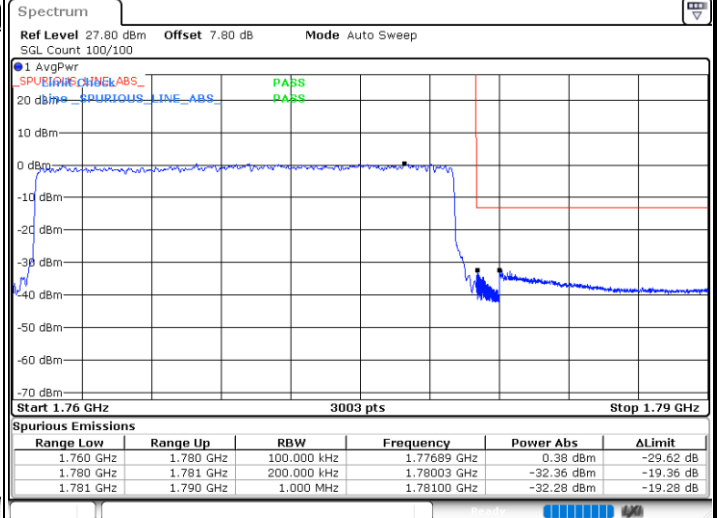
## LTE Band 66 / 20MHz / QPSK

## Lowest Band Edge / Full RB

## Highest Band Edge / Full RB



Date: 27.AUG.2026 20:37:29



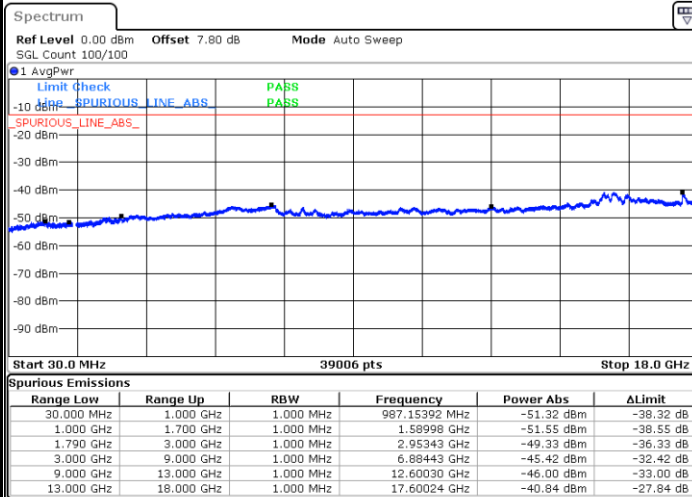
Date: 27.AUG.2026 20:38:52



# Conducted Spurious Emission

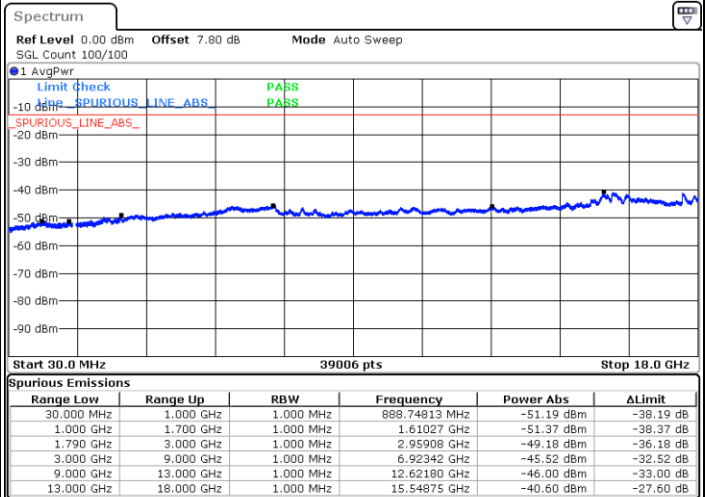
## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK



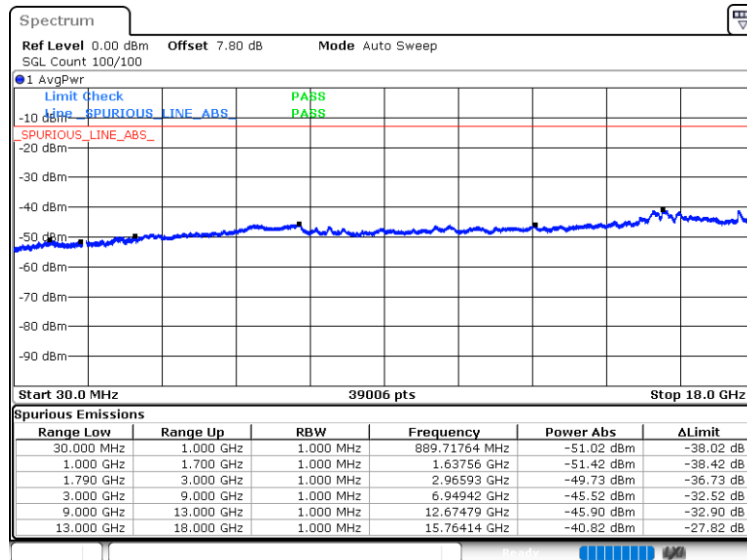
Date: 27.AUG.2026 20:40:55

### Middle Channel / QPSK



Date: 27.AUG.2026 20:46:27

### Highest Channel / QPSK

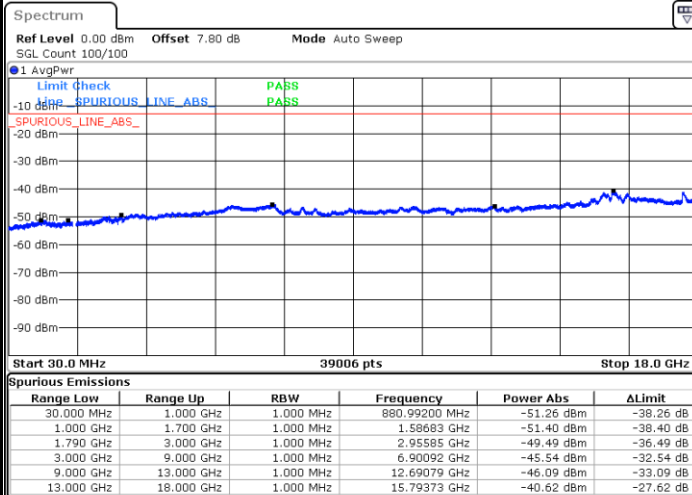


Date: 27.AUG.2026 20:48:09



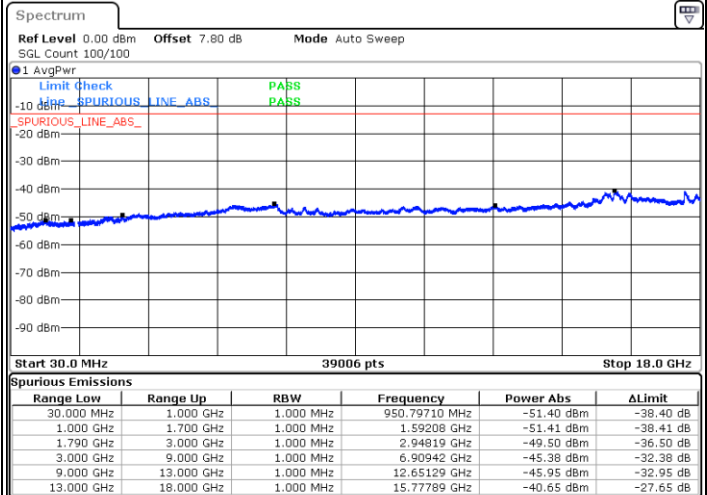
## LTE Band 66 / 3MHz

## Lowest Channel / QPSK



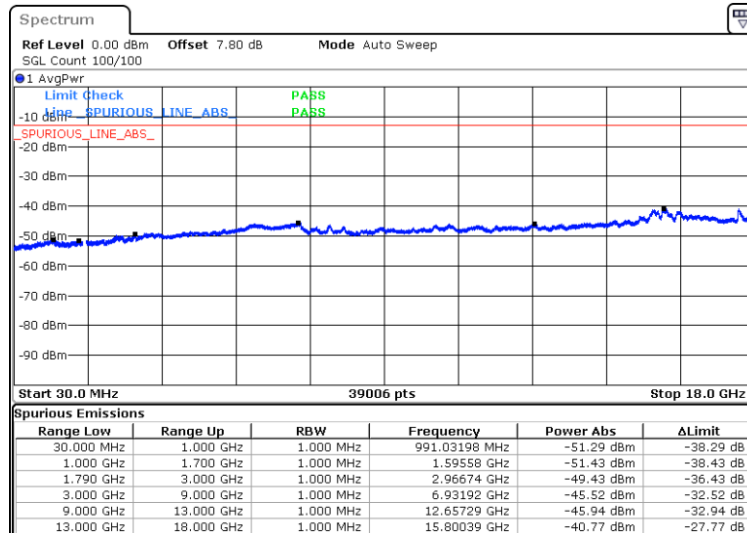
Date: 27.AUG.2026 21:14:00

## Middle Channel / QPSK



Date: 27.AUG.2026 21:15:33

## Highest Channel / QPSK



Date: 27.AUG.2026 21:17:16