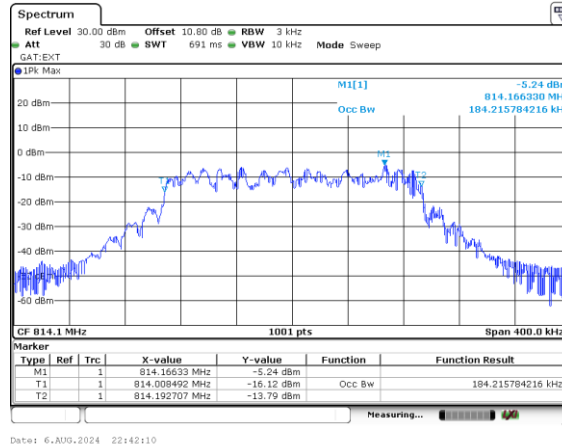


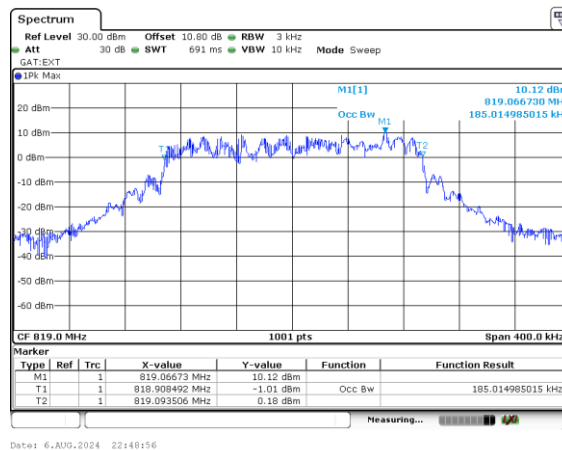


LTE Band 26

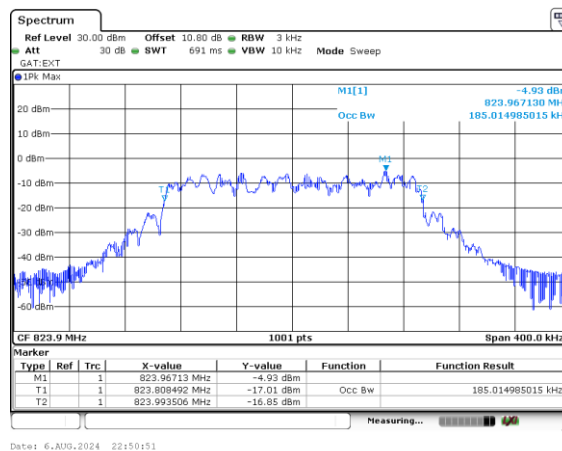
Lowest Channel / 15kHz / QPSK

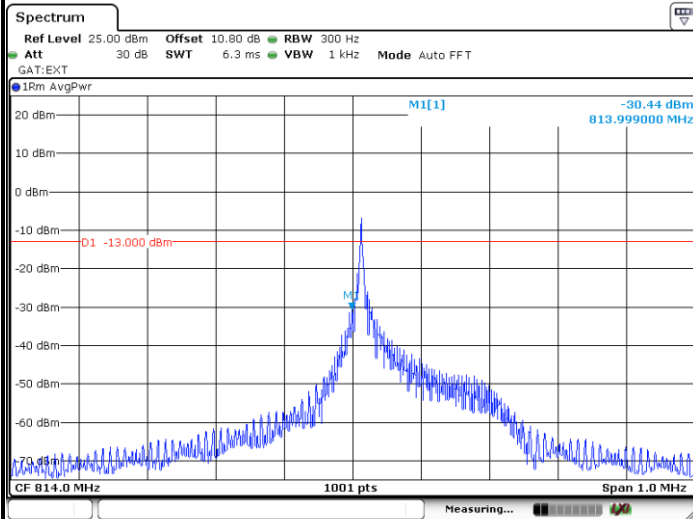
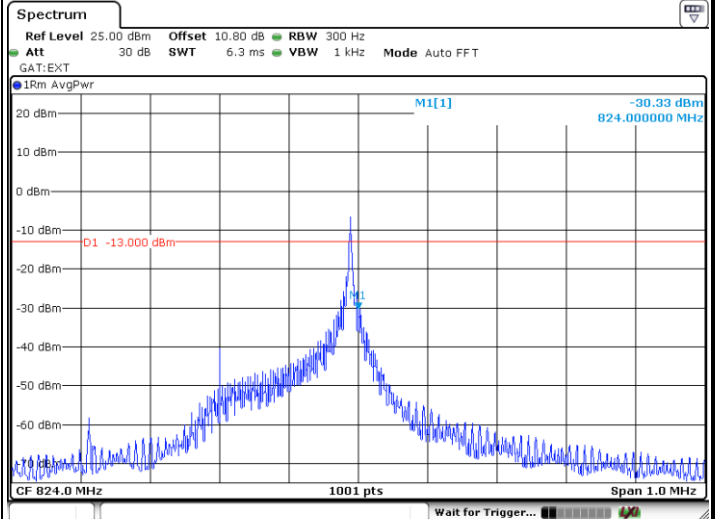
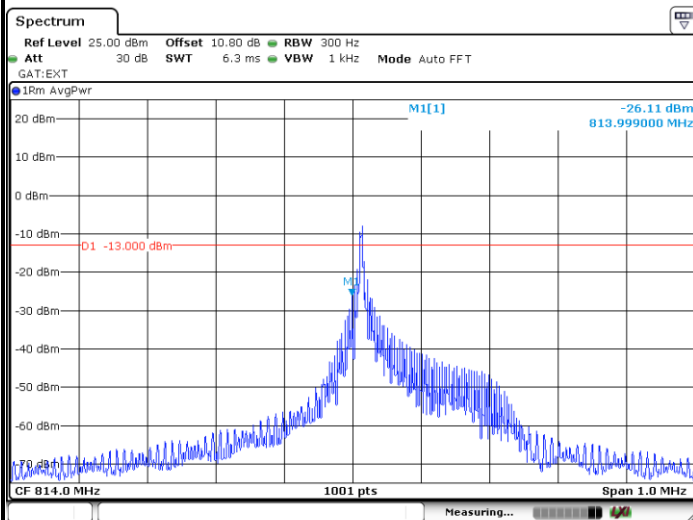
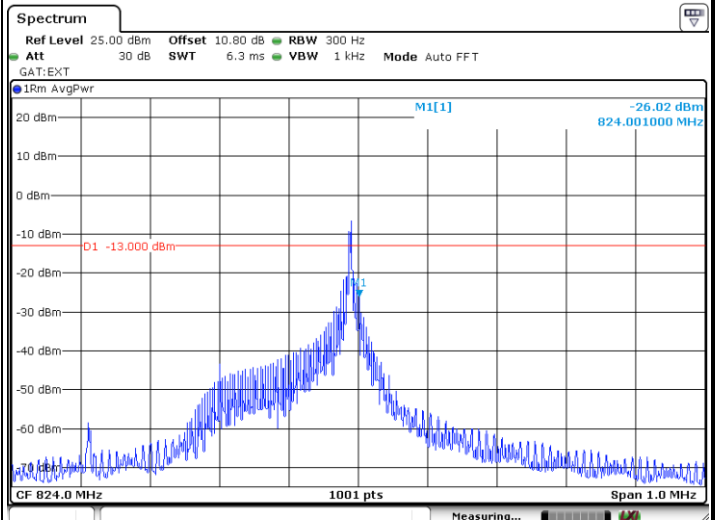


Middle Channel / 15kHz / QPSK



Highest Channel / 15kHz / QPSK

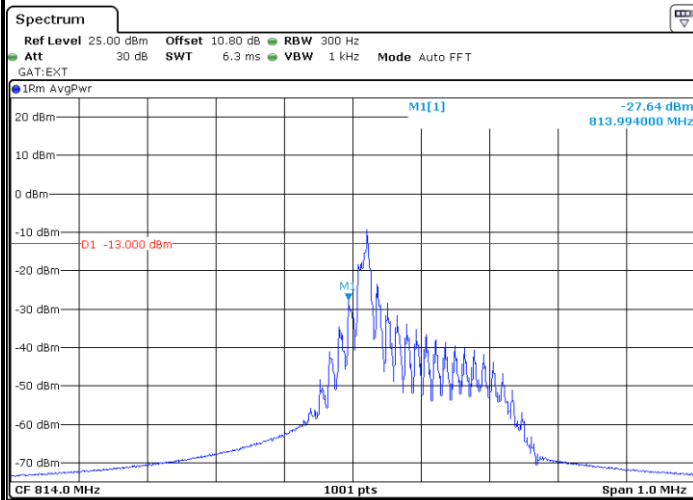


**Emission masks – In-band emissions****LTE Band 26 / 3.75kHz / BPSK****Lowest Band Edge / 1 T****Highest Band Edge / 1 T****LTE Band 26 / 3.75kHz / QPSK****Lowest Band Edge / 1 T****Highest Band Edge / 1 T**



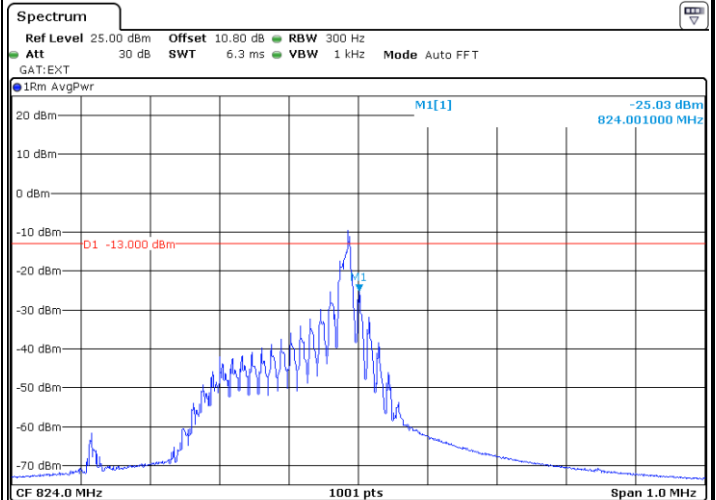
LTE Band 26 / 15kHz / BPSK

Lowest Band Edge / 1 T



Date: 6.AUG.2024 19:28:05

Highest Band Edge / 1 T

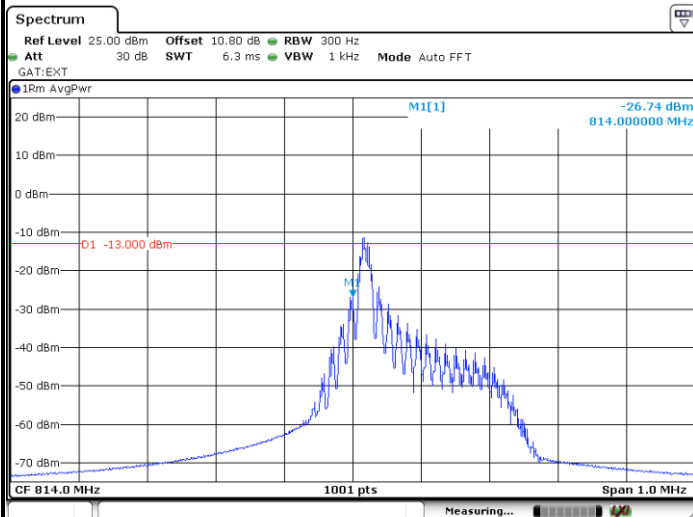


Date: 6.AUG.2024 19:37:54

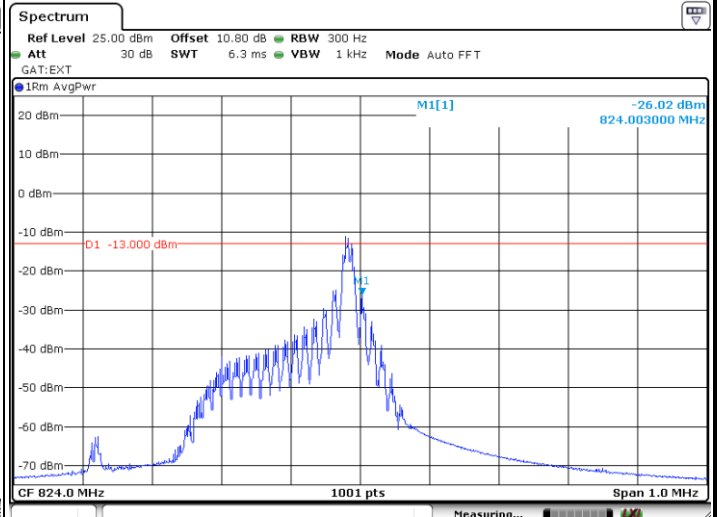


## LTE Band 26 / 15kHz / QPSK

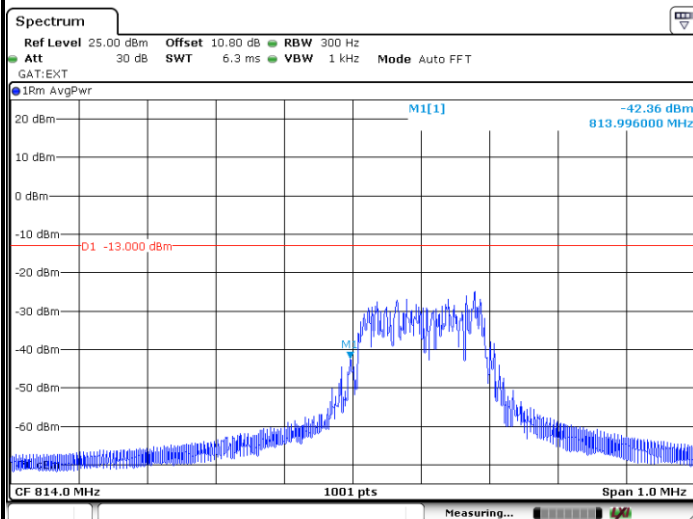
## Lowest Band Edge / 1 T



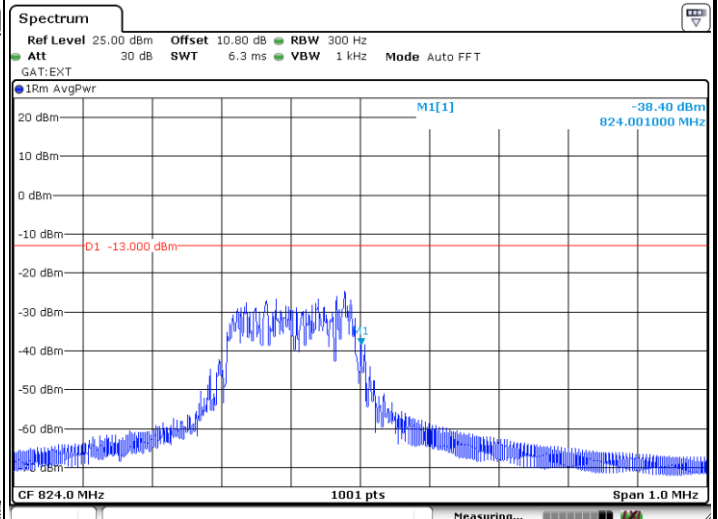
## Highest Band Edge / 1 T

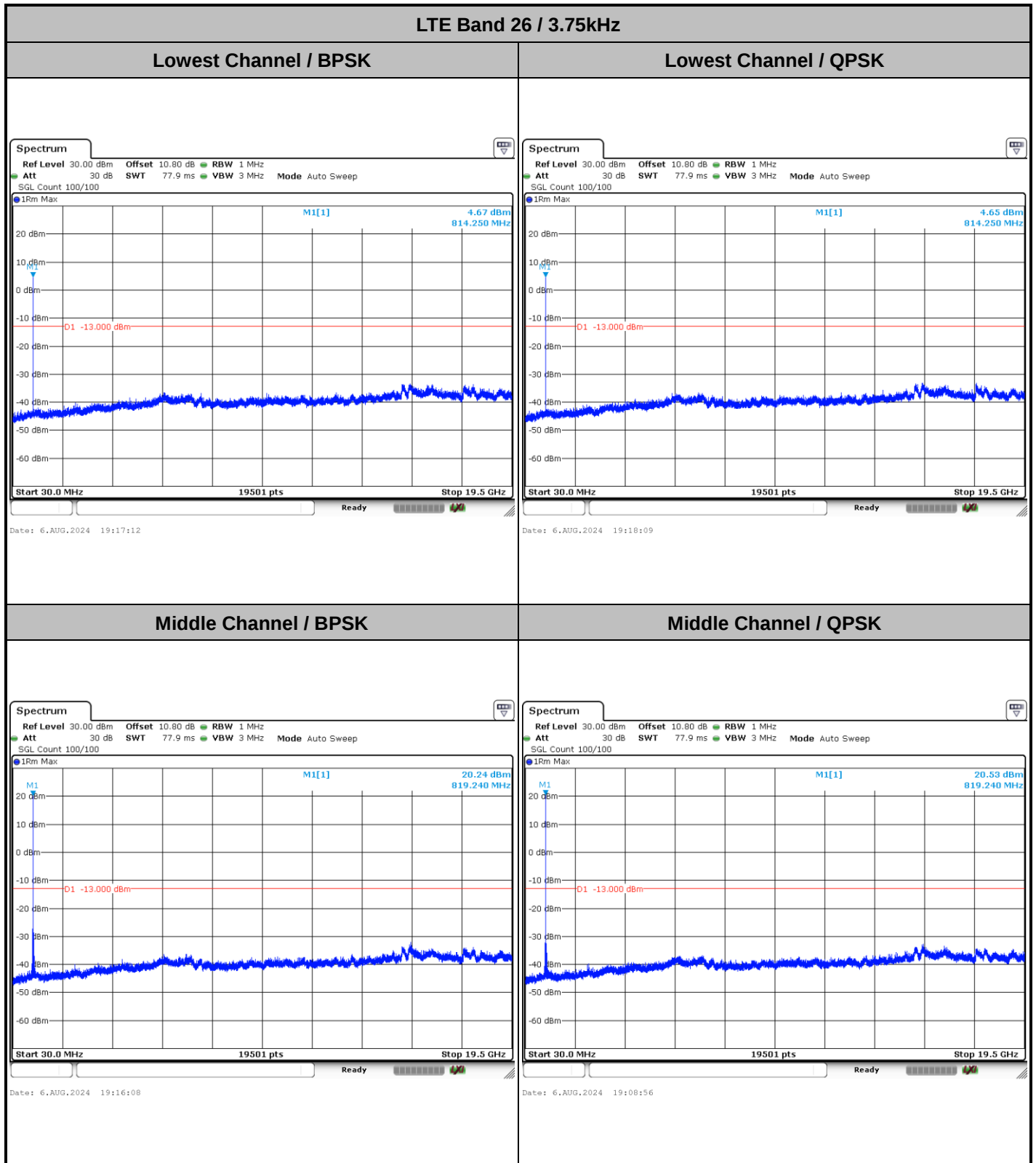


## Lowest Band Edge / Full T



## Highest Band Edge / Full T



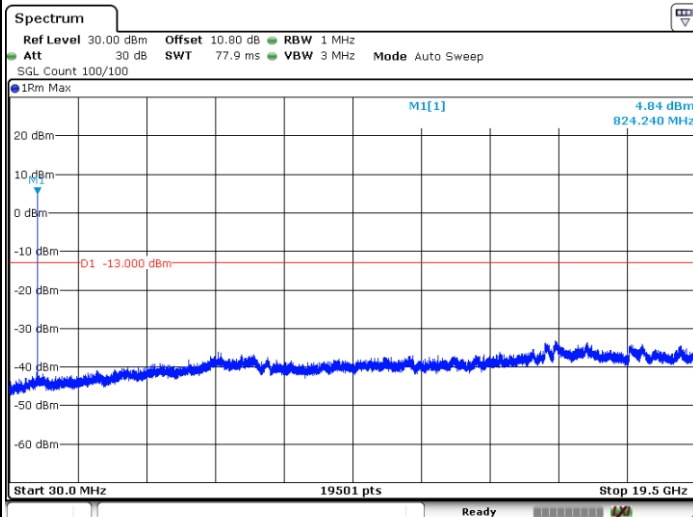
**Emission masks – Out of band emissions**



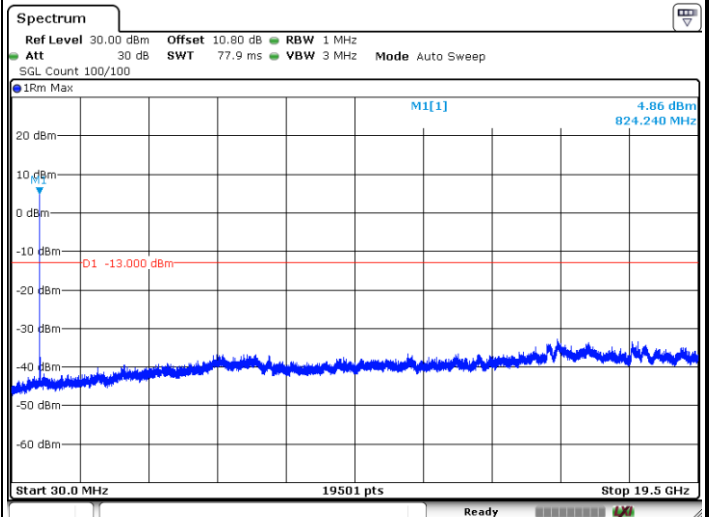
LTE Band 26 / 3.75kHz

Highest Channel / BPSK

Highest Channel / QPSK



Date: 6.AUG.2024 19:05:57

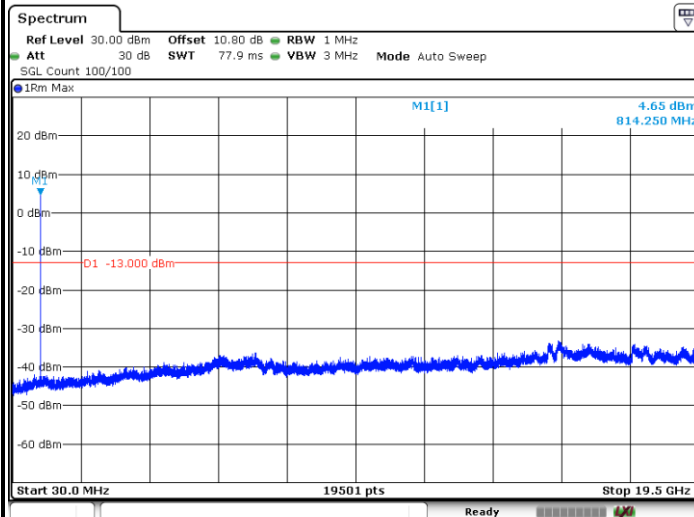


Date: 6.AUG.2024 19:07:42

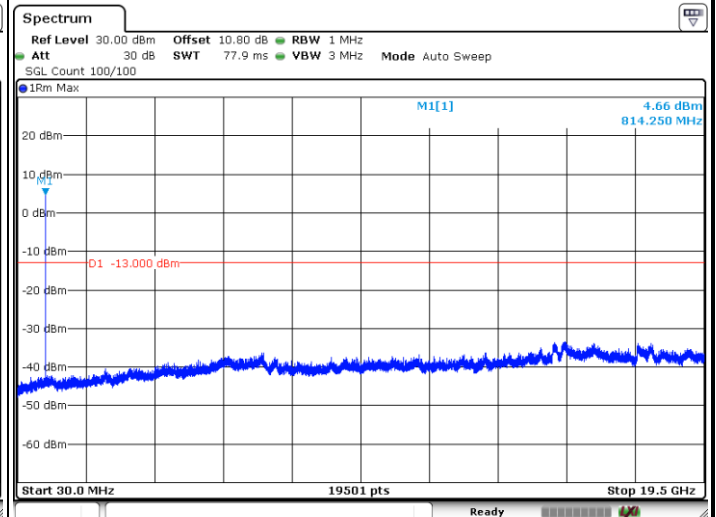


## LTE Band 26 / 15kHz

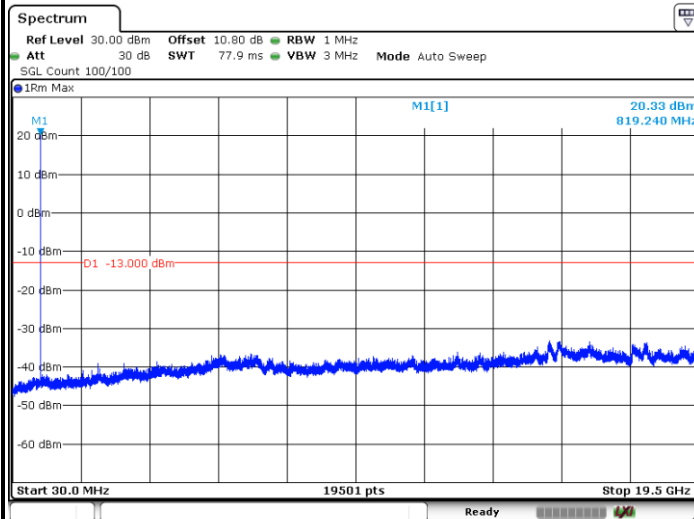
## Lowest Channel / BPSK



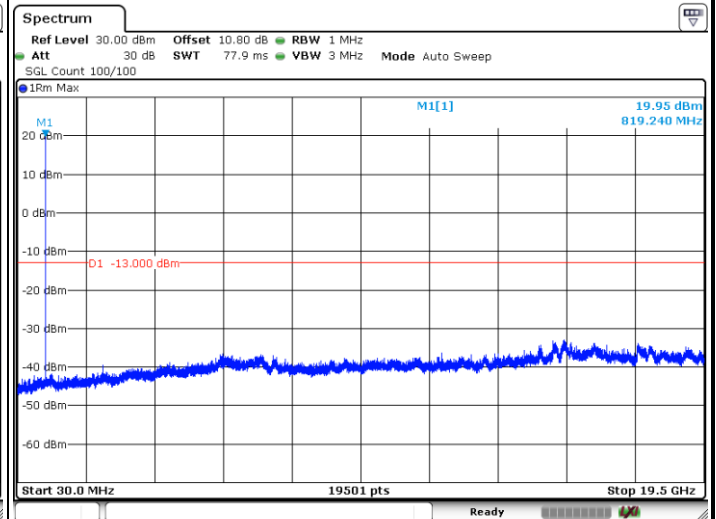
## Lowest Channel / QPSK



## Middle Channel / BPSK



## Middle Channel / QPSK

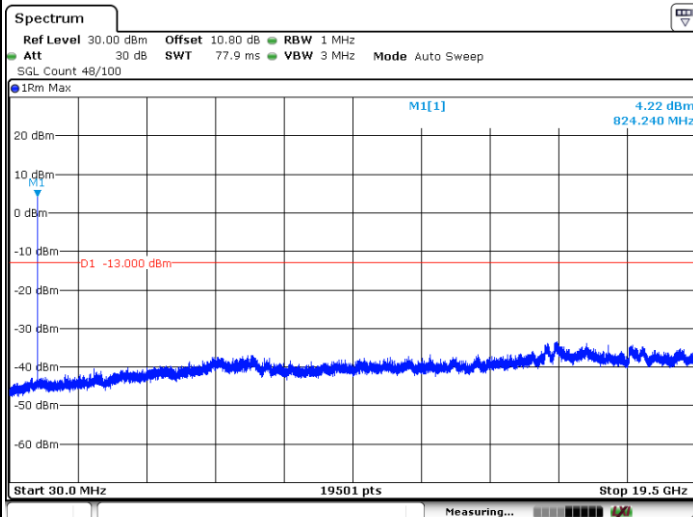




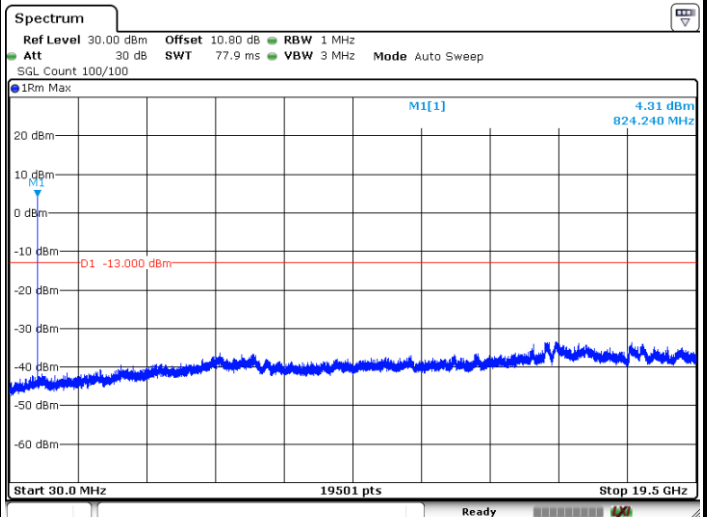
LTE Band 26 / 15kHz

Highest Channel / BPSK

Highest Channel / QPSK



Date: 6.AUG.2024 19:39:20



Date: 6.AUG.2024 19:41:25

## Frequency Stability

| Test Conditions     |                   | LTE Band 26 (QPSK) / Middle Channel | Limit  |
|---------------------|-------------------|-------------------------------------|--------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 15kHz                            | 2.5ppm |
|                     |                   | Deviation (ppm)                     | Result |
| 50                  | Normal Voltage    | 0.0153                              | PASS   |
| 40                  | Normal Voltage    | 0.0057                              |        |
| 30                  | Normal Voltage    | 0.0035                              |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |        |
| 10                  | Normal Voltage    | 0.0005                              |        |
| 0                   | Normal Voltage    | 0.0092                              |        |
| -10                 | Normal Voltage    | 0.0145                              |        |
| -20                 | Normal Voltage    | 0.0155                              |        |
| -30                 | Normal Voltage    | 0.0006                              |        |
| 20                  | Maximum Voltage   | 0.0116                              |        |
| 20                  | Normal Voltage    | 0.0000                              |        |
| 20                  | Minimum Voltage   | 0.0081                              |        |

**Note:** Normal Voltage = 110 V. ; Minimum Voltage = 90 V. ; Maximum Voltage = 264 V.

| Test Conditions     |                   | LTE Band 26 (QPSK) / Low Channel | Limit  |
|---------------------|-------------------|----------------------------------|--------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 15kHz                         | 2.5ppm |
|                     |                   | Deviation (ppm)                  | Result |
| 50                  | Normal Voltage    | 0.0079                           | PASS   |
| 40                  | Normal Voltage    | 0.0052                           |        |
| 30                  | Normal Voltage    | 0.0111                           |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                           |        |
| 10                  | Normal Voltage    | 0.0121                           |        |
| 0                   | Normal Voltage    | 0.0149                           |        |
| -10                 | Normal Voltage    | 0.0090                           |        |
| -20                 | Normal Voltage    | 0.0035                           |        |
| -30                 | Normal Voltage    | 0.0095                           |        |
| 20                  | Maximum Voltage   | 0.0052                           |        |
| 20                  | Normal Voltage    | 0.0000                           |        |
| 20                  | Minimum Voltage   | 0.0144                           |        |

**Note:** Normal Voltage = 110 V. ; Minimum Voltage = 90 V. ; Maximum Voltage = 264 V.



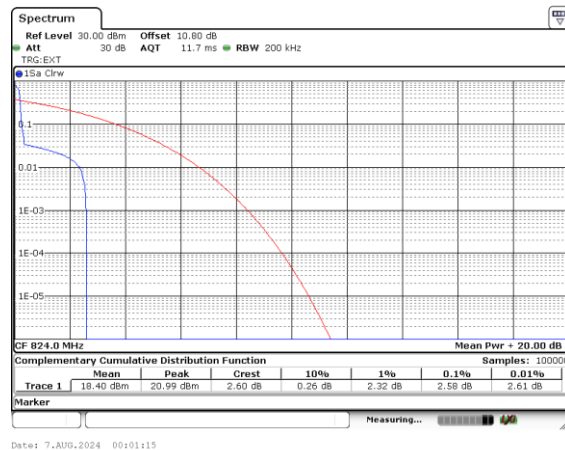
## LTE Band 26 (Part 90S\_824MHz)

## Peak-to-Average Ratio

| Mode      | LTE Band 26 / 15kHz |      |        |             |
|-----------|---------------------|------|--------|-------------|
| Mod.      | BPSK                | QPSK |        | Limit: 13dB |
| T Size    | 1T                  | 1T   | Full T | Result      |
| Middle CH | 2.58                | 2.03 | 3.94   | PASS        |

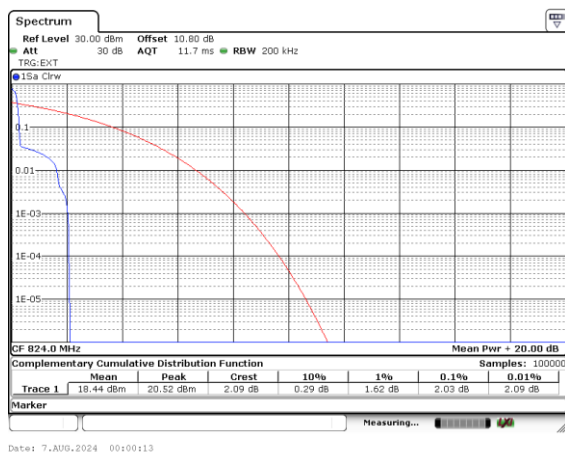
## LTE Band 26 / 15kHz / BPSK

## Middle Channel/ 1T

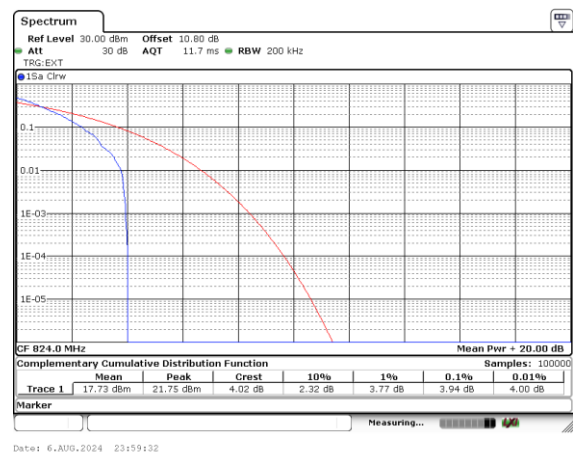


## LTE Band 26 / 15kHz / QPSK

## Middle Channel/ 1T

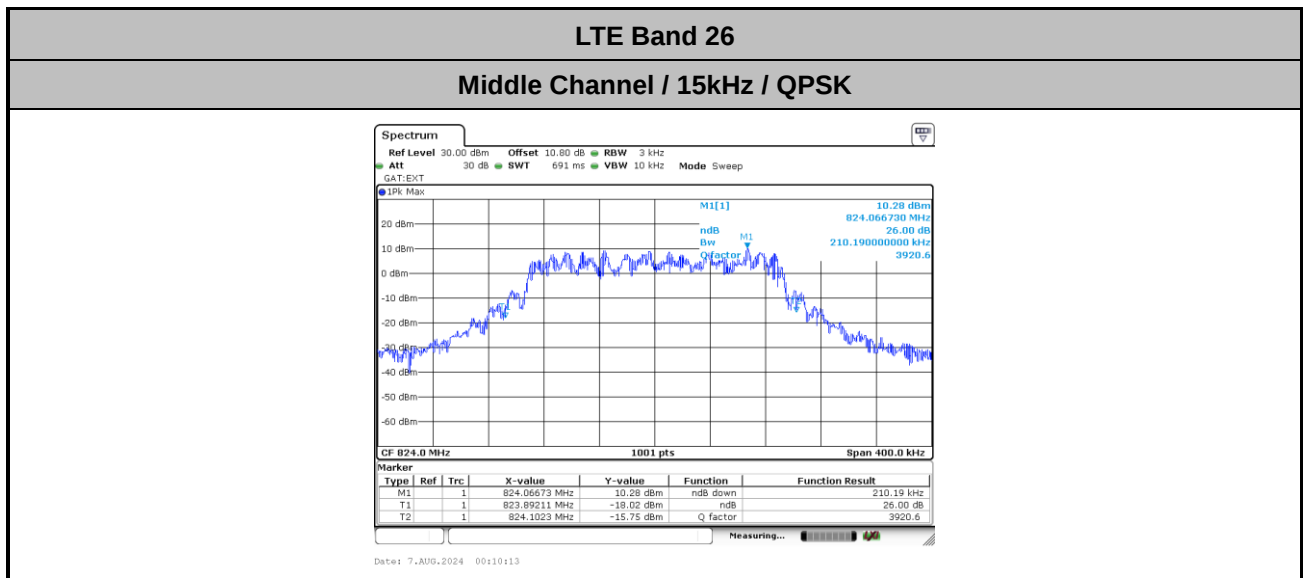


## Middle Channel / Full T



**26dB Bandwidth**

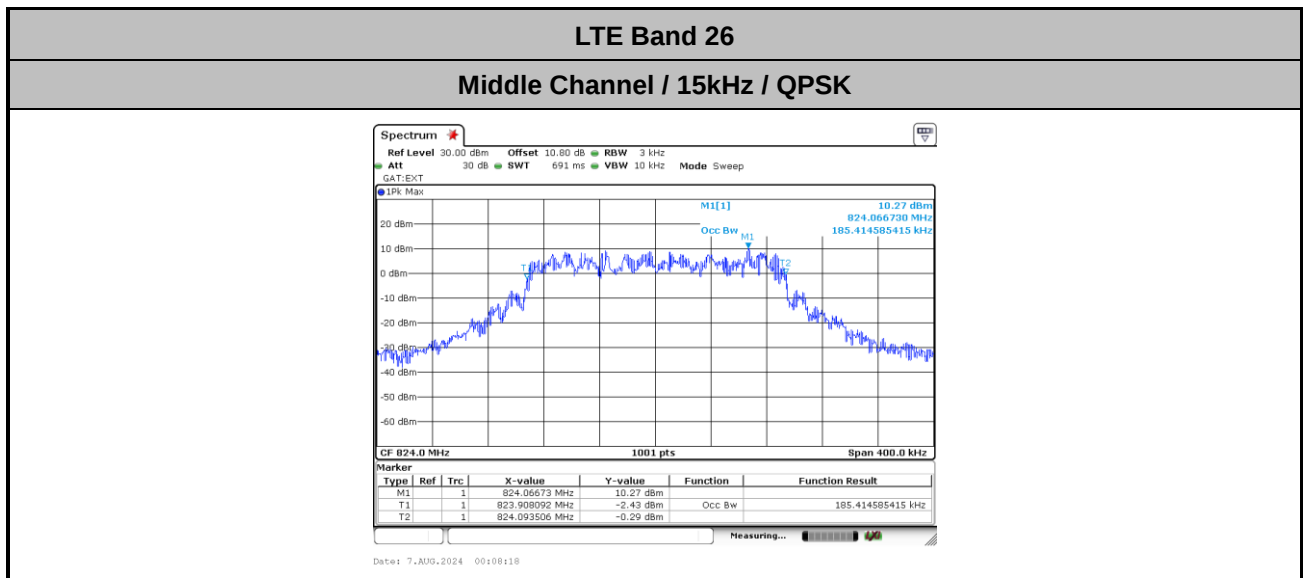
|                    |                         |
|--------------------|-------------------------|
| Mode               | LTE Band 26 : 26dB(kHz) |
| Subcarrier Spacing | 15k                     |
| Mod.               | QPSK                    |
| Middle CH          | 210.19                  |

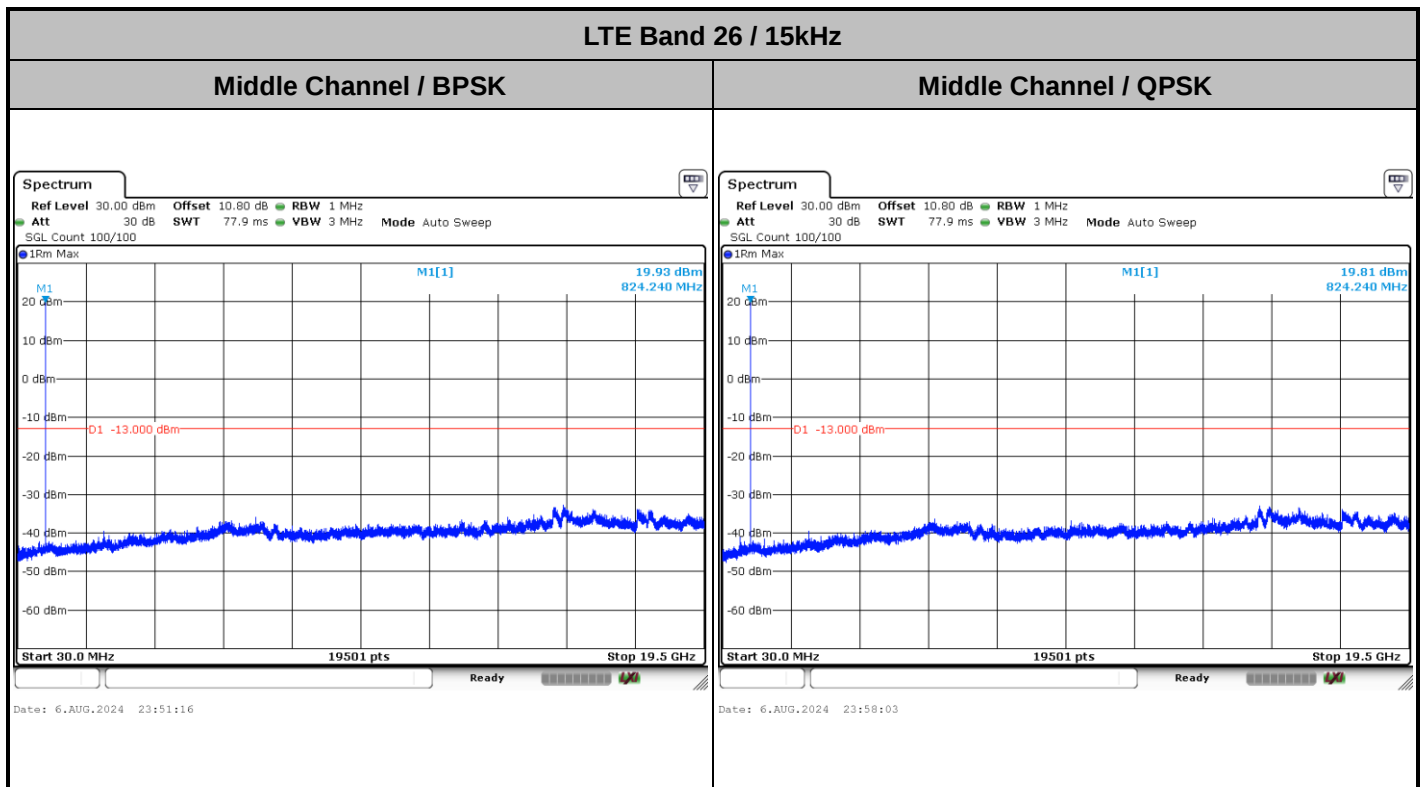
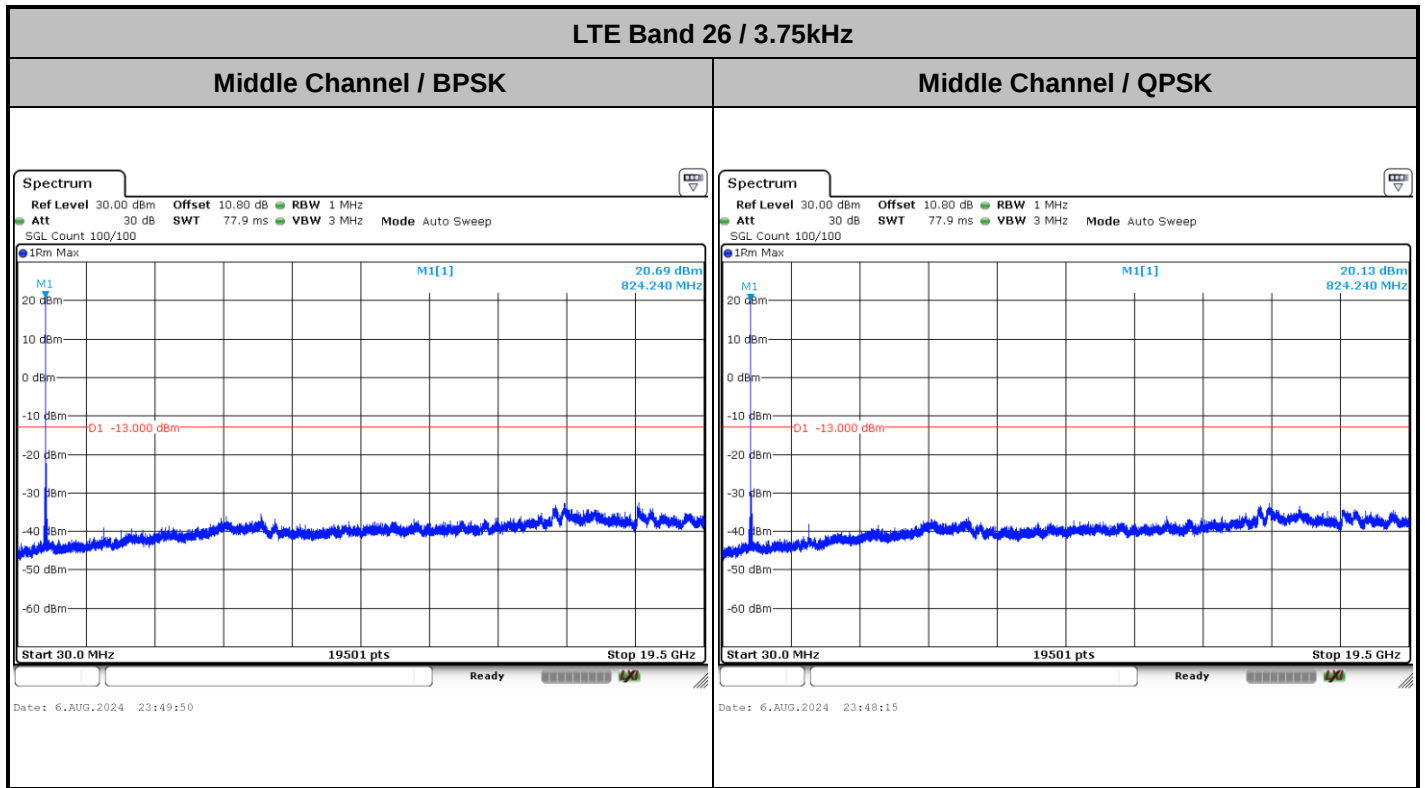




## Occupied Bandwidth

|                    |                       |
|--------------------|-----------------------|
| Mode               | LTE Band 26 : OB(kHz) |
| Subcarrier Spacing | 15k                   |
| Mod.               | QPSK                  |
| Middle CH          | 185.41                |



**Conducted Spurious Emission**

## Frequency Stability

| Test Conditions     |                   | LTE Band 26 (QPSK) / Middle Channel | Limit  |
|---------------------|-------------------|-------------------------------------|--------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 15kHz                            | 2.5ppm |
|                     |                   | Deviation (ppm)                     | Result |
| 50                  | Normal Voltage    | 0.0153                              | PASS   |
| 40                  | Normal Voltage    | 0.0057                              |        |
| 30                  | Normal Voltage    | 0.0035                              |        |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |        |
| 10                  | Normal Voltage    | 0.0005                              |        |
| 0                   | Normal Voltage    | 0.0092                              |        |
| -10                 | Normal Voltage    | 0.0145                              |        |
| -20                 | Normal Voltage    | 0.0155                              |        |
| -30                 | Normal Voltage    | 0.0006                              |        |
| 20                  | Maximum Voltage   | 0.0116                              |        |
| 20                  | Normal Voltage    | 0.0000                              |        |
| 20                  | Minimum Voltage   | 0.0081                              |        |

**Note:** Normal Voltage = 110 V. ; Minimum Voltage = 90 V. ; Maximum Voltage = 264 V.

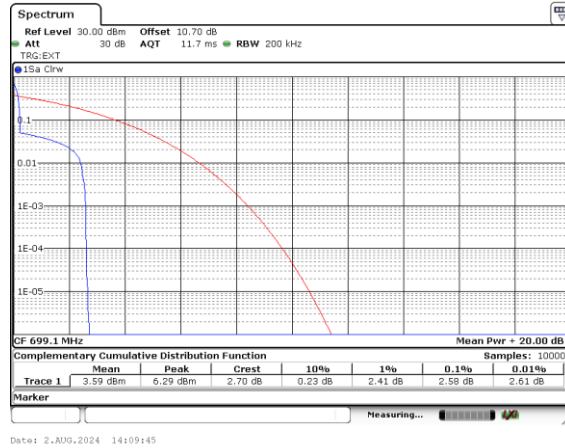
**LTE Band 12****Peak-to-Average Ratio**

| Mode       | LTE Band 12 / 15kHz |      |        |             |
|------------|---------------------|------|--------|-------------|
| Mod.       | BPSK                | QPSK |        | Limit: 13dB |
| T Size     | 1T                  | 1T   | Full T | Result      |
| Lowest CH  | 2.58                | 2.12 | 4.49   | <b>PASS</b> |
| Middle CH  | 2.58                | 2.03 | 4.38   |             |
| Highest CH | 2.55                | 2    | 3.94   |             |

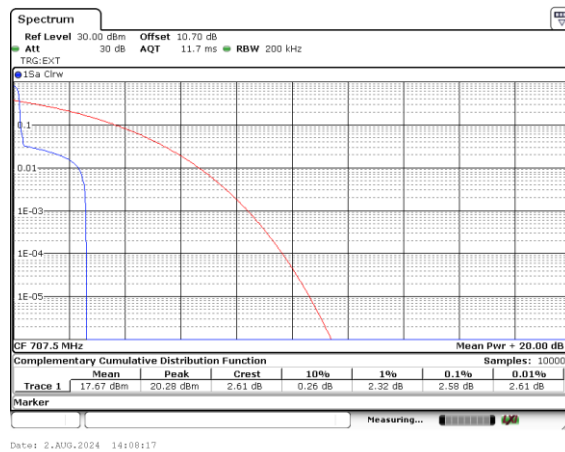


LTE Band 12 / 15kHz / BPSK

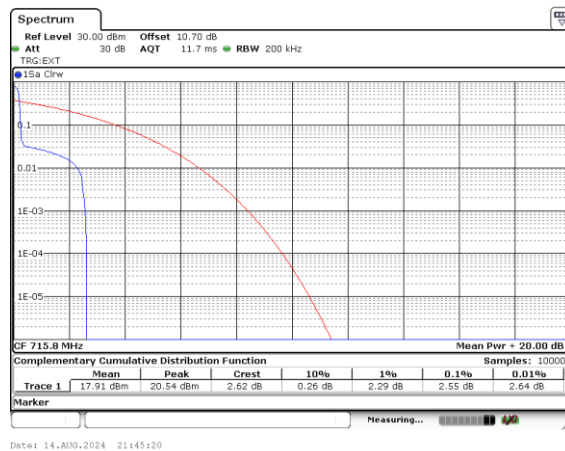
Lowest Channel / 1T



Middle Channel/ 1T

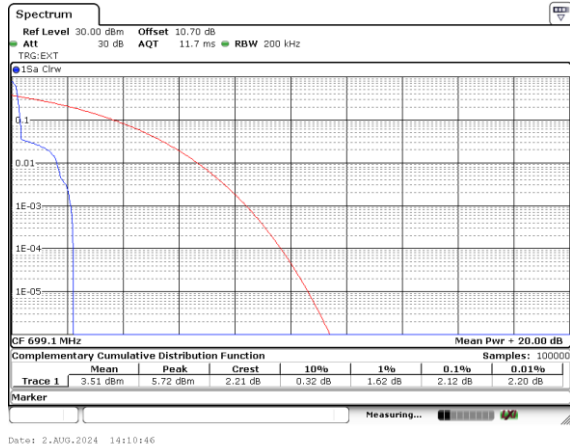


Highest Channel/ 1T

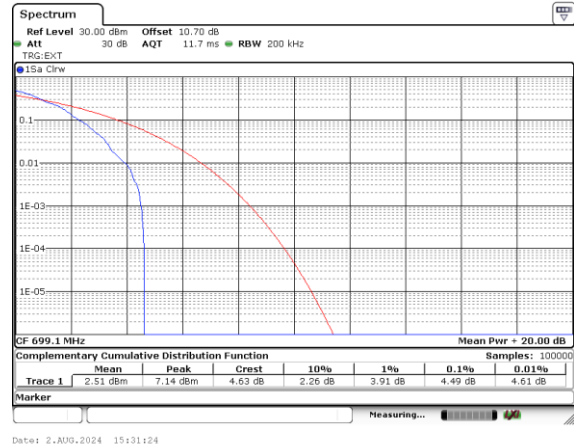


## LTE Band 12 / 15kHz / QPSK

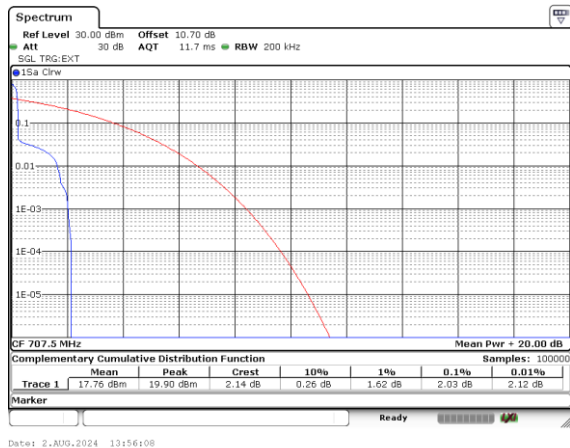
### Lowest Channel / 1T



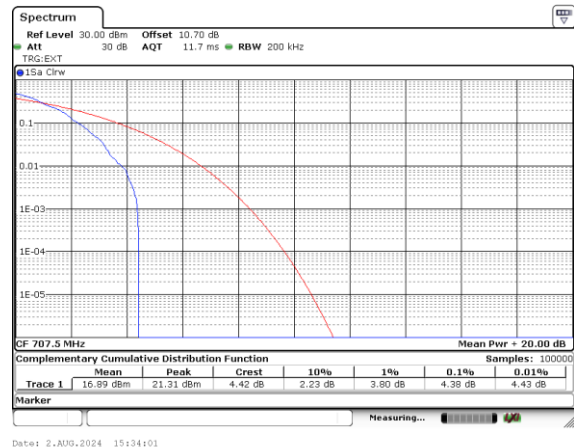
### Lowest Channel / Full T



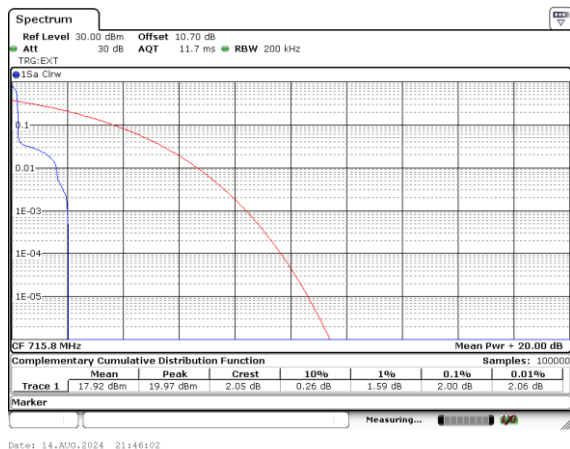
### Middle Channel/ 1T



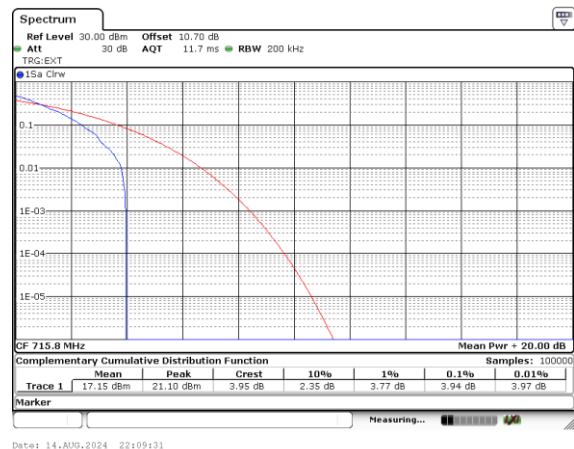
### Middle Channel / Full T



### Highest Channel/ 1T



### Highest Channel / Full T



**26dB Bandwidth**

| Mode               | LTE Band 12 : 26dB(kHz) |
|--------------------|-------------------------|
| Subcarrier Spacing | 15k                     |
| Mod.               | QPSK                    |
| Lowest CH          | 216.98                  |
| Middle CH          | 228.97                  |
| Highest CH         | 204.2                   |



## LTE Band 12

## Lowest Channel / 15kHz / QPSK



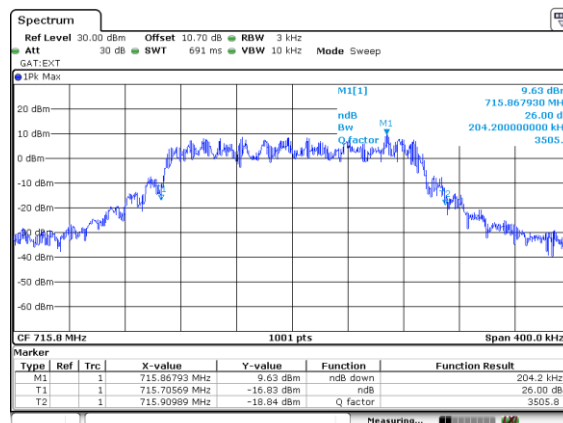
Date: 2.AUG.2024 17:09:35

## Middle Channel / 15kHz / QPSK



Date: 2.AUG.2024 16:13:43

## Highest Channel / 15kHz / QPSK



Date: 14.AUG.2024 22:13:28

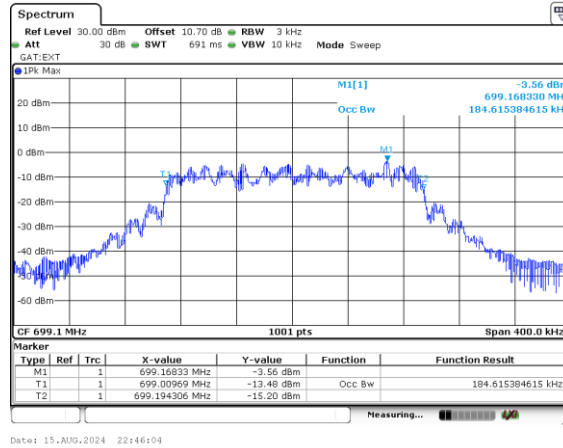
**Occupied Bandwidth**

| Mode               | LTE Band 12 : OB(kHz) |
|--------------------|-----------------------|
| Subcarrier Spacing | 15k                   |
| Mod.               | QPSK                  |
| Lowest CH          | 184.61                |
| Middle CH          | 189.81                |
| Highest CH         | 185.01                |



## LTE Band 12

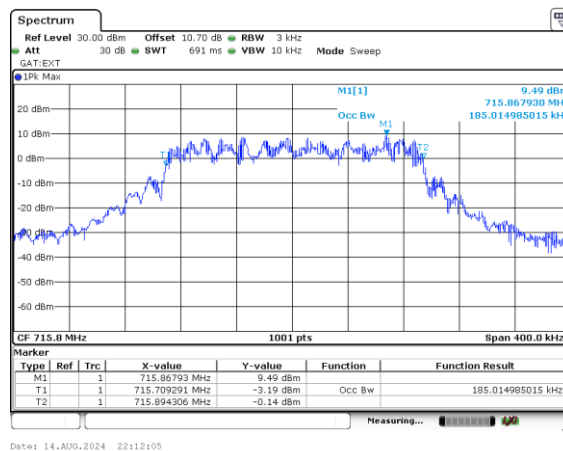
## Lowest Channel / 15kHz / QPSK



## Middle Channel / 15kHz / QPSK



## Highest Channel / 15kHz / QPSK

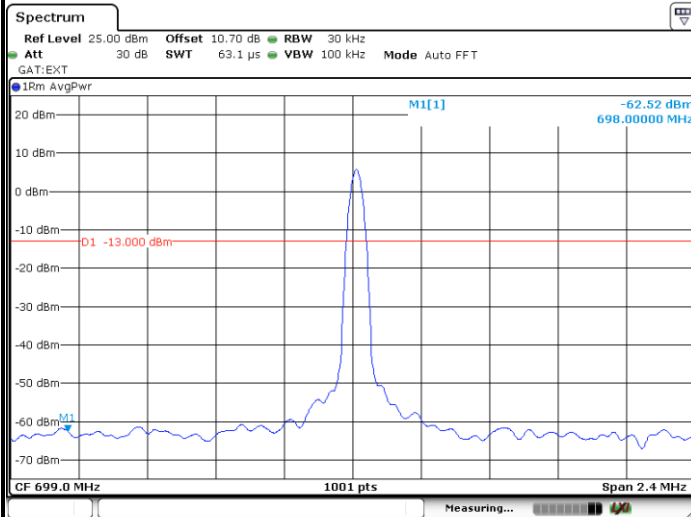




## Conducted Band Edge

### LTE Band 12 / 3.75kHz / BPSK

#### Lowest Band Edge / 1 T

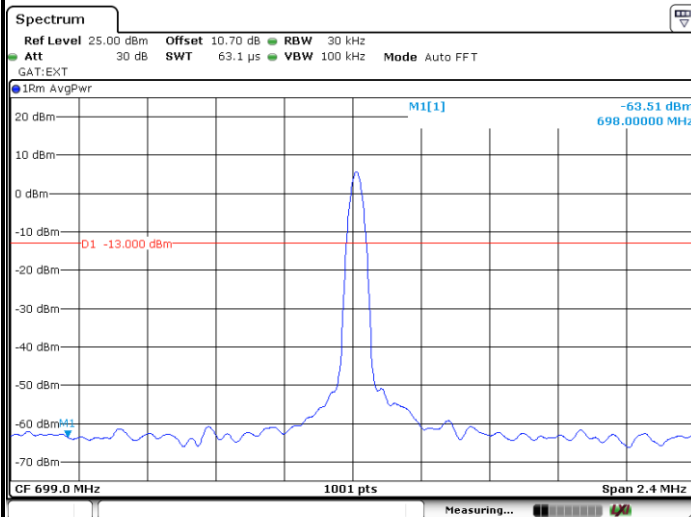


#### Highest Band Edge / 1 T

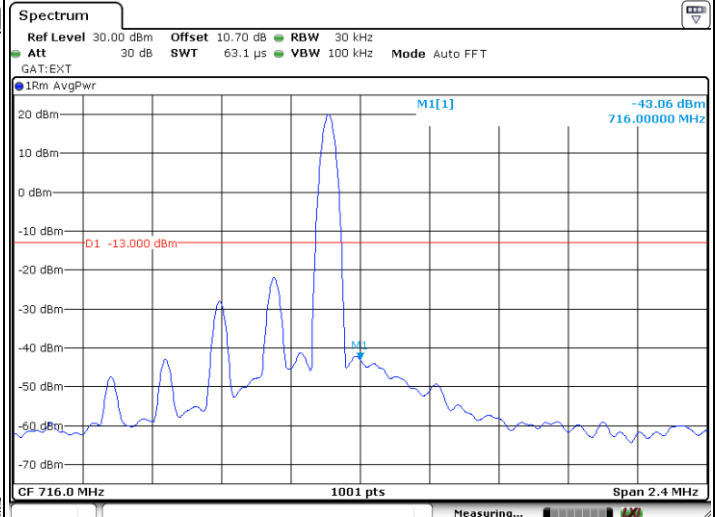


### LTE Band 12 / 3.75kHz / QPSK

#### Lowest Band Edge / 1 T



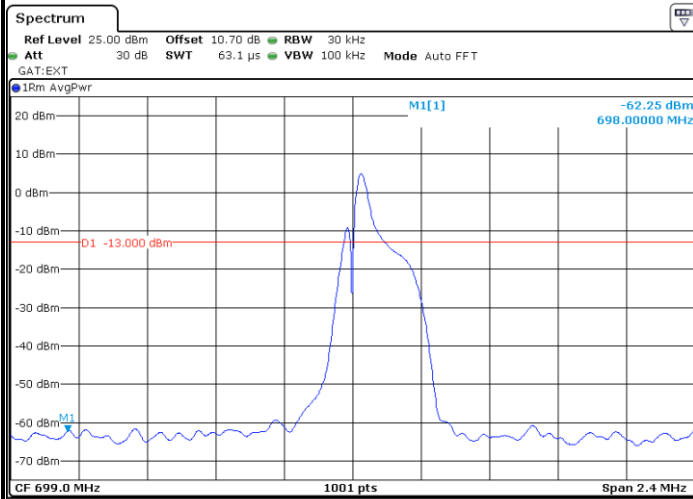
#### Highest Band Edge / 1 T





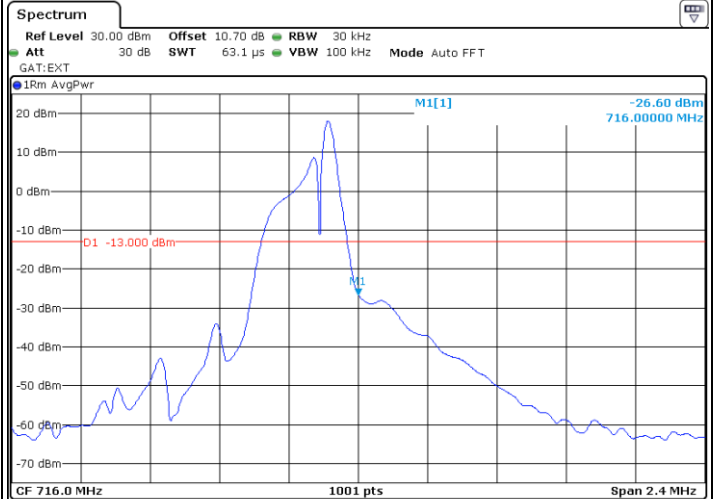
LTE Band 2 / 15kHz / BPSK

Lowest Band Edge / 1 T



Date: 2.AUG.2024 10:04:27

Highest Band Edge / 1 T

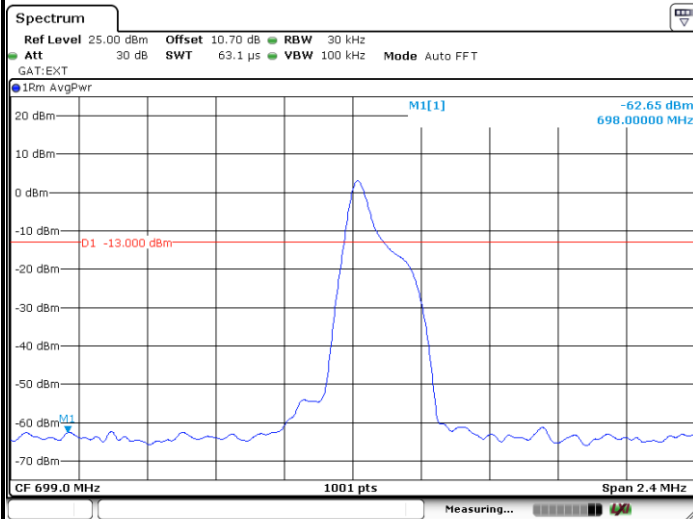


Date: 14.AUG.2024 21:47:36



## LTE Band 2 / 15kHz / QPSK

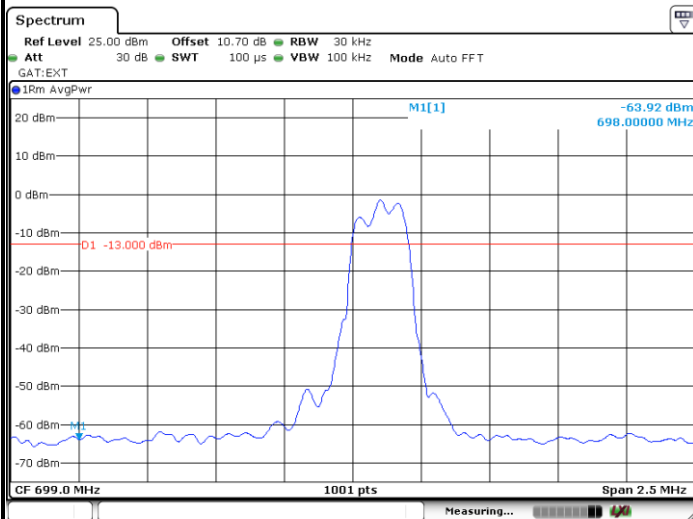
## Lowest Band Edge / 1 T



## Highest Band Edge / 1 T

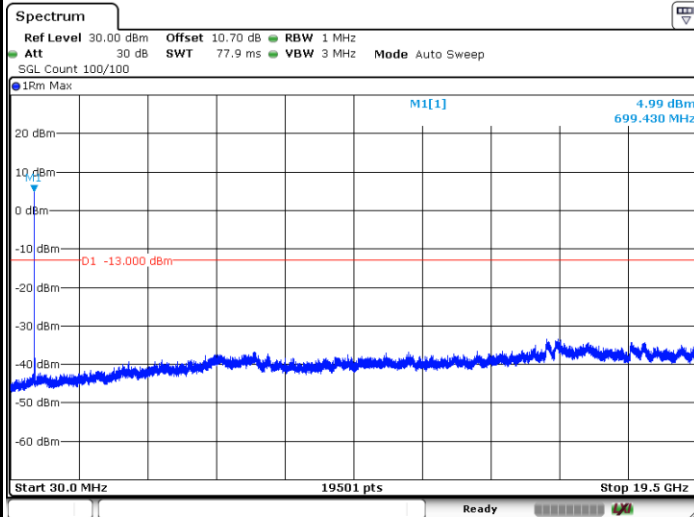
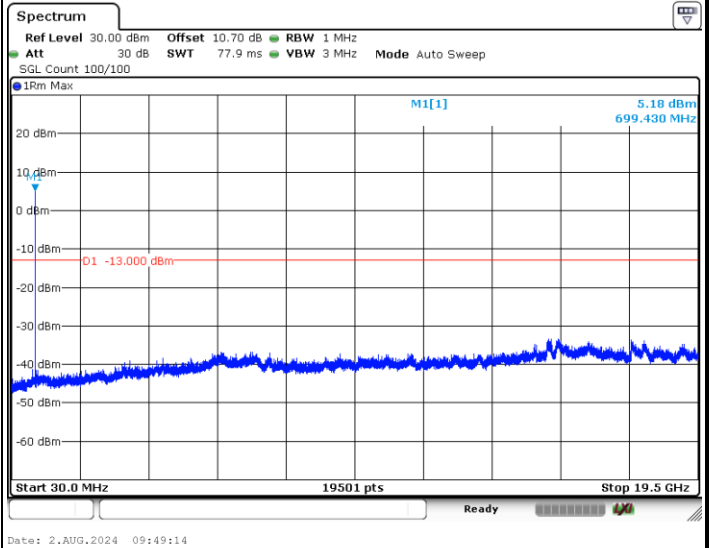
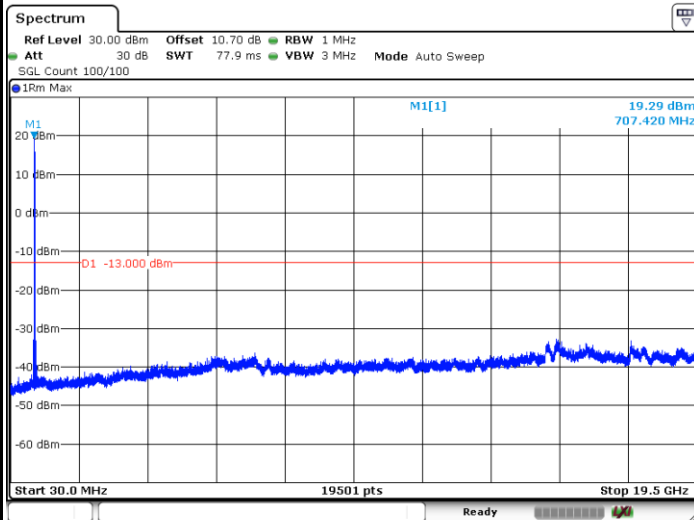
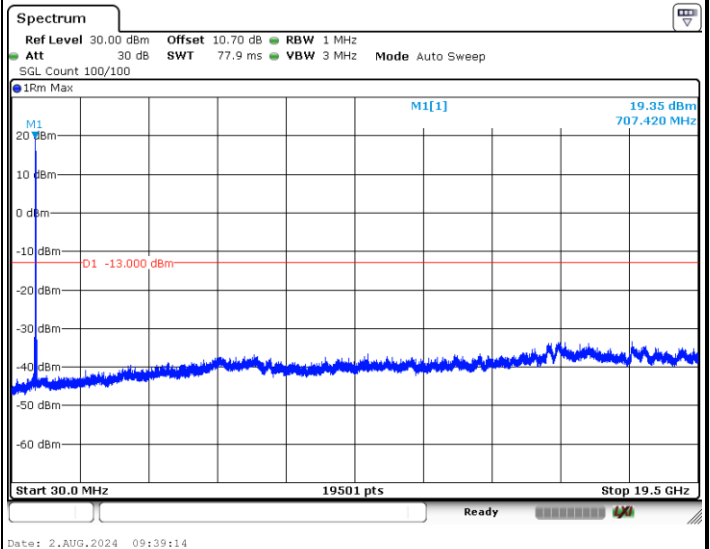


## Lowest Band Edge / Full T



## Highest Band Edge / Full T



**Conducted Spurious Emission****LTE Band 12 / 3.75kHz****Lowest Channel / BPSK****Lowest Channel / QPSK****Middle Channel / BPSK****Middle Channel / QPSK**



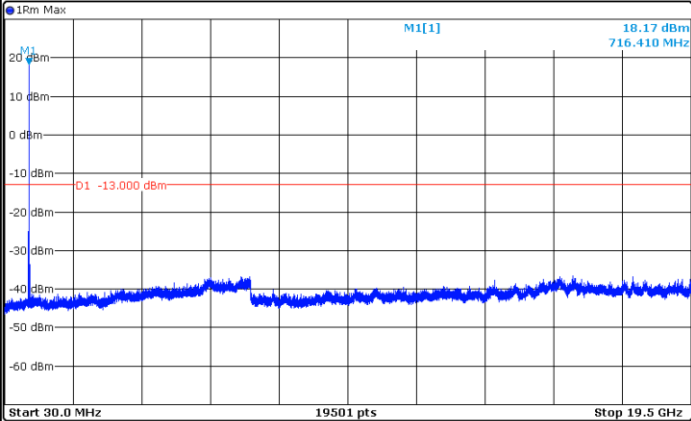
LTE Band 12 / 3.75kHz

Highest Channel / BPSK

Highest Channel / QPSK

Spectrum

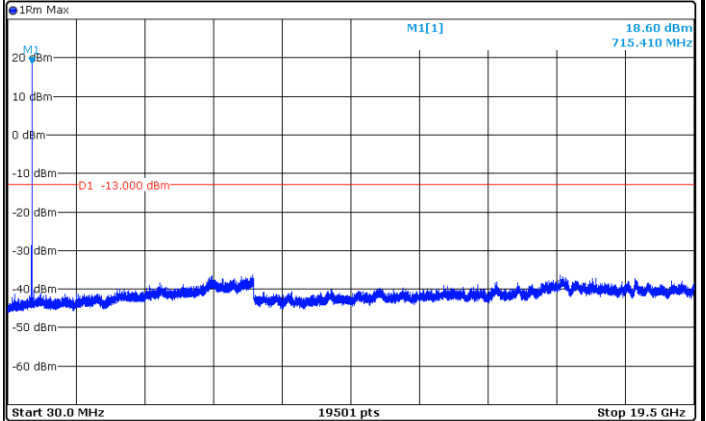
Ref Level 30.00 dBm Offset 10.70 dB RBW 1 MHz  
Att 30 dB SWT 77.9 ms VBW 3 MHz Mode Auto Sweep  
SQL Count 100/100



Date: 14.AUG.2024 21:35:25

Spectrum

Ref Level 30.00 dBm Offset 10.70 dB RBW 1 MHz  
Att 30 dB SWT 77.9 ms VBW 3 MHz Mode Auto Sweep  
SQL Count 100/100

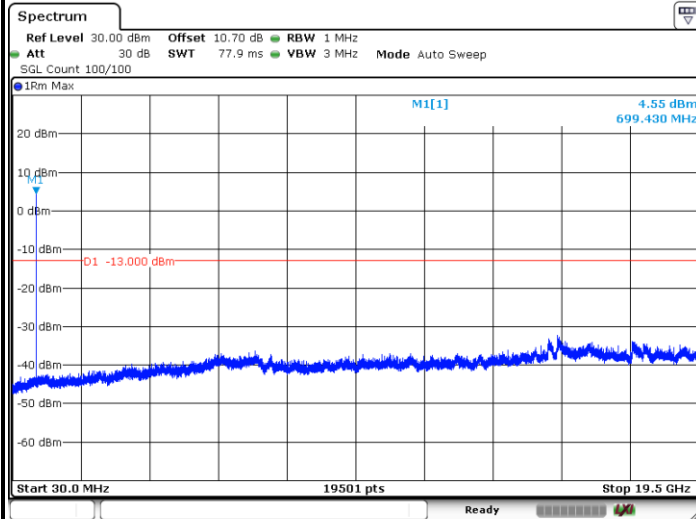


Date: 14.AUG.2024 21:37:26

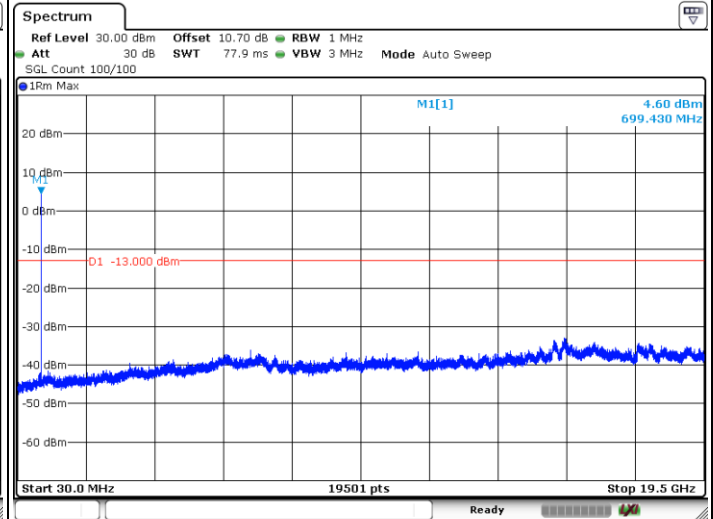


## LTE Band 12 / 15kHz

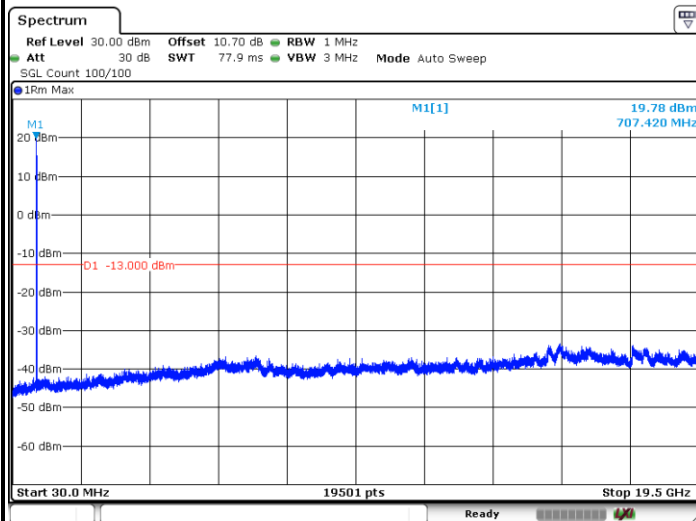
## Lowest Channel / BPSK



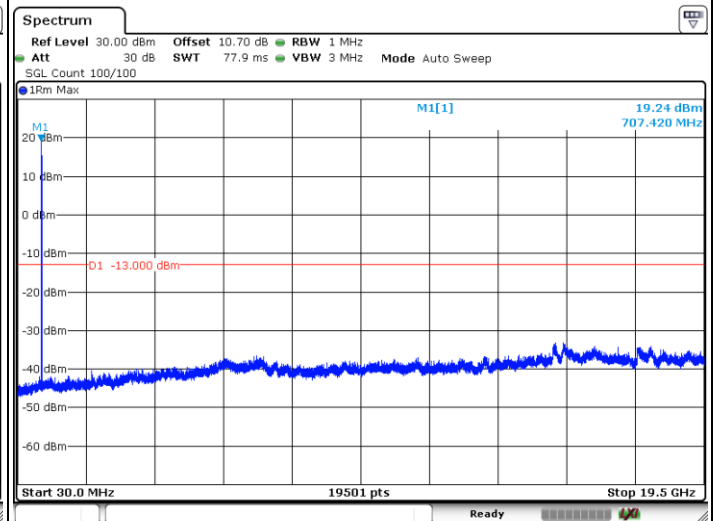
## Lowest Channel / QPSK



## Middle Channel / BPSK



## Middle Channel / QPSK

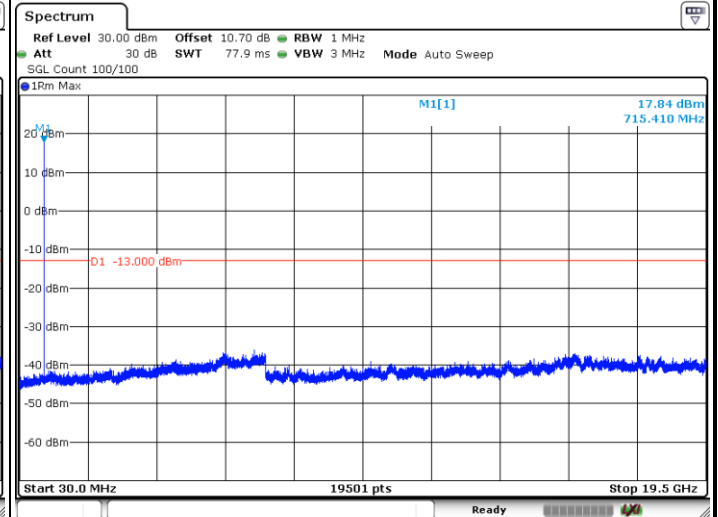
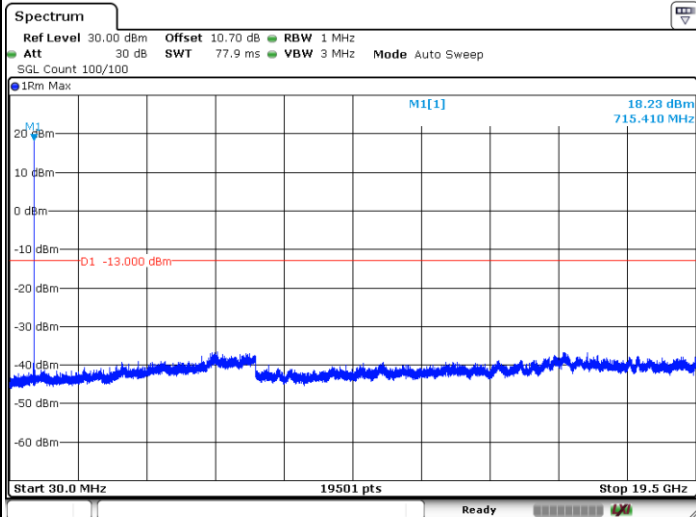




LTE Band 12 / 15kHz

Highest Channel / BPSK

Highest Channel / QPSK



## Frequency Stability

| Test Conditions  |                 | LTE Band 12 (QPSK) / Middle Channel | Limit   |
|------------------|-----------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)  | BW 15kHz                            | Note 2. |
|                  |                 | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage  | 0.0160                              | PASS    |
| 40               | Normal Voltage  | 0.0006                              |         |
| 30               | Normal Voltage  | 0.0242                              |         |
| 20(Ref.)         | Normal Voltage  | 0.0000                              |         |
| 10               | Normal Voltage  | 0.0048                              |         |
| 0                | Normal Voltage  | 0.0006                              |         |
| -10              | Normal Voltage  | 0.0058                              |         |
| -20              | Normal Voltage  | 0.0188                              |         |
| -30              | Normal Voltage  | 0.0181                              |         |
| 20               | Maximum Voltage | 0.0001                              |         |
| 20               | Normal Voltage  | 0.0000                              |         |
| 20               | Minimum Voltage | 0.0161                              |         |

**Note:**

1. Normal Voltage = 110 V. ; Minimum Voltage = 90 V. ; Maximum Voltage = 264 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### B1. Summary of each worse mode

#### <Sample 1>

| Mode | Part     | Band       | Ch | Freq<br>(MHz) | Level<br>(dBm) | Det | Ant Factor<br>(dB) | AmplCbl<br>(dB) | Filter<br>(dB) | EIRPCF<br>(dB) | Reading<br>(dBuV) | Limit<br>(dBm) | Margin<br>(dB) | Pol | Ant    |
|------|----------|------------|----|---------------|----------------|-----|--------------------|-----------------|----------------|----------------|-------------------|----------------|----------------|-----|--------|
| 2    | Part 22H | NB-IoT B5  | M  | 2512          | -40.30         | RMS | 32.42              | -50.34          | 0.24           | -95.23         | 72.61             | -13.00         | -27.30         | V   | NB-IoT |
| 4    | Part 22H | NB-IoT B26 | M  | 2512          | -38.25         | RMS | 32.42              | -50.34          | 0.24           | -95.23         | 74.66             | -13.00         | -25.25         | H   | NB-IoT |
| 2    | Part 24E | NB-IoT B2  | M  | 5640          | -46.72         | RMS | 34.94              | -43.86          | 0.47           | -95.23         | 56.96             | -13.00         | -33.72         | H   | NB-IoT |
| 2    | Part 27H | NB-IoT B12 | M  | 1416          | -42.78         | RMS | 28.50              | -52.75          | 0.41           | -95.23         | 76.29             | -13.00         | -29.78         | V   | NB-IoT |
| 2    | Part 27L | NB-IoT B4  | M  | 3465          | -23.12         | RMS | 33.01              | -49.13          | 0.76           | -95.23         | 87.47             | -13.00         | -10.12         | H   | NB-IoT |
| 4    | Part 27F | NB-IoT B13 | M  | 1568          | -44.21         | RMS | 27.70              | -52.32          | 0.33           | -95.23         | 75.31             | -42.15         | -2.06          | V   | NB-IoT |
| 2    | Part 90S | NB-IoT B26 | M  | 3280          | -47.80         | RMS | 32.76              | -49.22          | 0.14           | -95.23         | 63.75             | -13.00         | -34.80         | V   | NB-IoT |
| 8    | Part 90S | NB-IoT B26 | M  | 3296          | -46.53         | RMS | 32.79              | -49.21          | 0.14           | -95.23         | 64.98             | -13.00         | -33.53         | V   | NB-IoT |

#### <Sample 3>

| Mode | Part     | Band       | Ch | Freq<br>(MHz) | Level<br>(dBm) | Det | Ant Factor<br>(dB) | AmplCbl<br>(dB) | Filter<br>(dB) | EIRPCF<br>(dB) | Reading<br>(dBuV) | Limit<br>(dBm) | Margin<br>(dB) | Pol | Ant    |
|------|----------|------------|----|---------------|----------------|-----|--------------------|-----------------|----------------|----------------|-------------------|----------------|----------------|-----|--------|
| 5    | Part 22H | NB-IoT B26 | M  | 2512          | -48.65         | RMS | 32.42              | -50.34          | 0.24           | -95.23         | 64.26             | -13.00         | -35.65         | H   | NB-IoT |

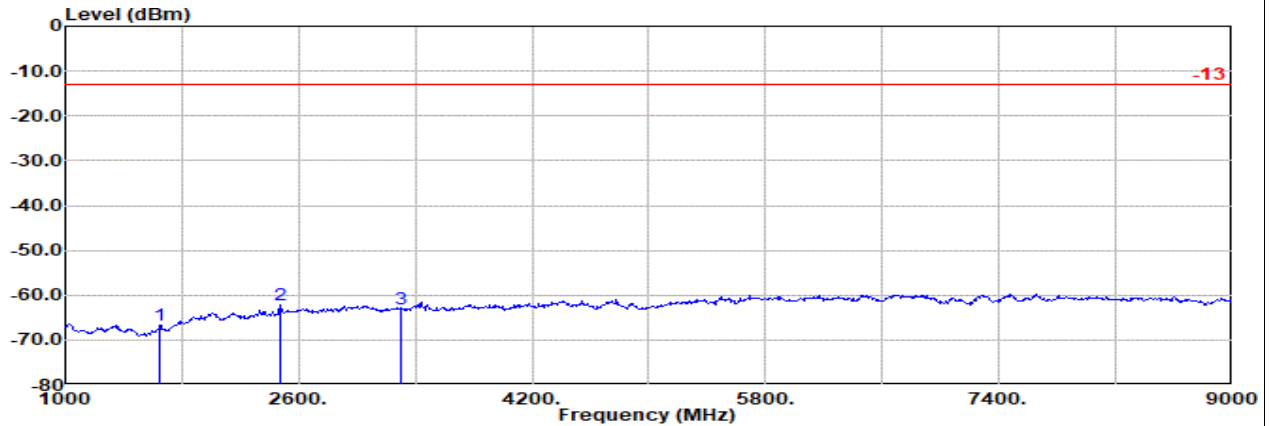


## NB-IoT

## Part 22H Mode 2

NB-IoT B5 3.75k Ch20401 1RB0 BPSK

L

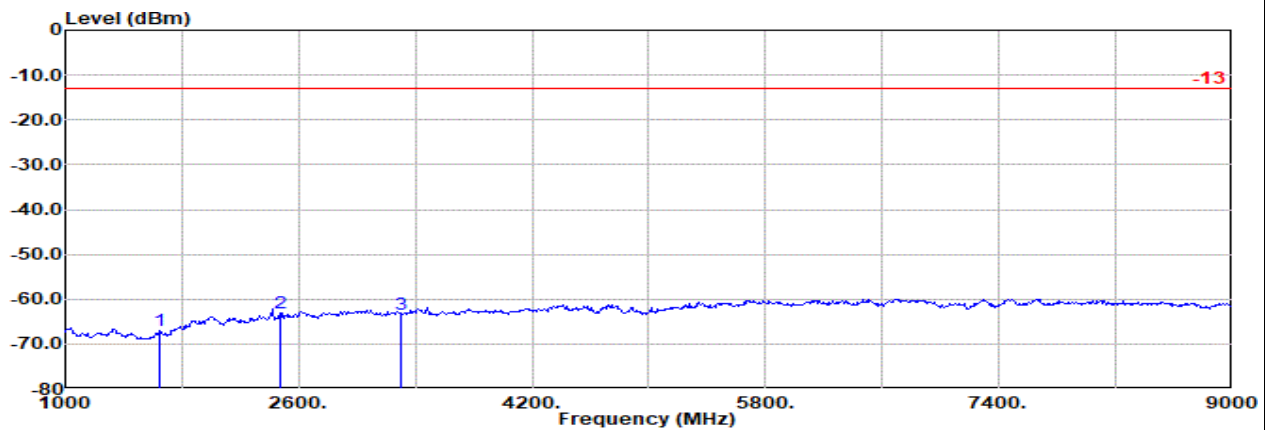


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NBIOT Band 5 3.75K CH20401 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1648.00 | -66.76 | RMS      | 28.68      | -52.12 | 0.31   | -95.23 | 51.60    | -13.00 | -53.76 | Horizontal |
| 2 | 2472.00 | -62.27 | RMS      | 32.10      | -50.41 | 0.30   | -95.23 | 50.97    | -13.00 | -49.27 | Horizontal |
| 3 | 3296.00 | -63.05 | RMS      | 32.79      | -49.21 | 0.14   | -95.23 | 48.46    | -13.00 | -50.05 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NBIOT Band 5 3.75K CH20401 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1648.00 | -67.14 | RMS      | 28.68      | -52.12 | 0.31   | -95.23 | 51.22    | -13.00 | -54.14 | Vertical |
| 2 | 2472.00 | -62.99 | RMS      | 32.10      | -50.41 | 0.30   | -95.23 | 50.25    | -13.00 | -49.99 | Vertical |
| 3 | 3296.00 | -63.26 | RMS      | 32.79      | -49.21 | 0.14   | -95.23 | 48.25    | -13.00 | -50.26 | Vertical |

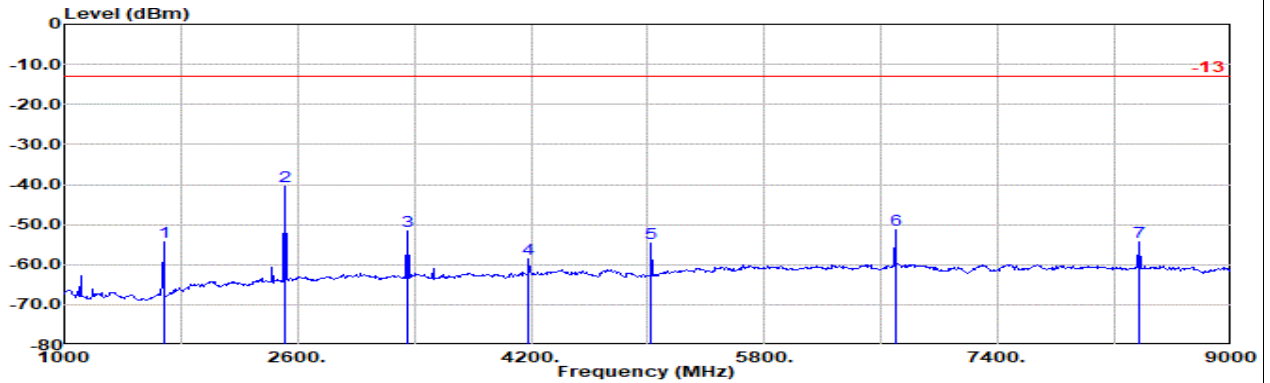


## NB-IoT

## Part 22H Mode 2

## NB-IoT B5 3.75k Ch20525 1RB0 BPSK

## M

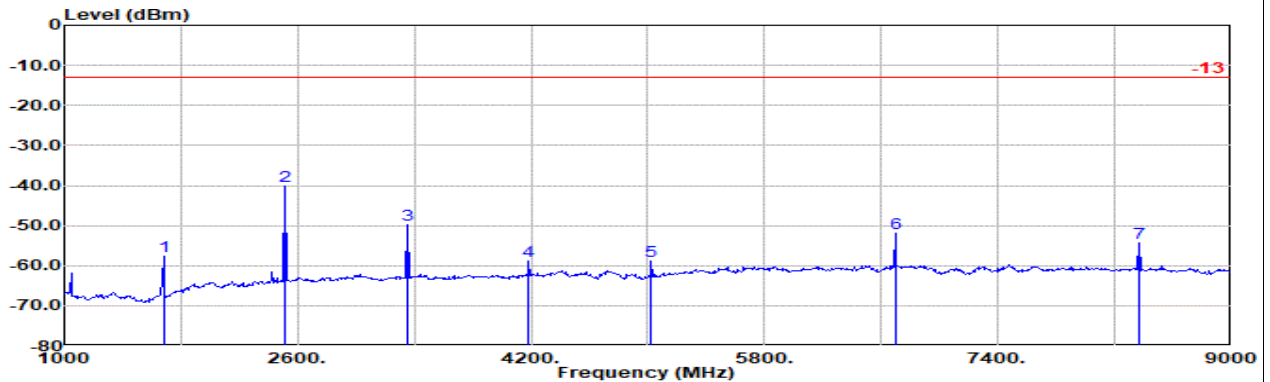


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NBIOT Band 5 3.75K CH20525 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1680.00 | -54.39 | RMS      | 28.70      | -52.04 | 0.31     | -95.23 | 63.87    | -13.00 | -41.39 | Horizontal |
| 2 | 2512.00 | -40.57 | RMS      | 32.42      | -50.34 | 0.24     | -95.23 | 72.34    | -13.00 | -27.57 | Horizontal |
| 3 | 3352.00 | -51.68 | RMS      | 32.91      | -49.16 | 0.15     | -95.23 | 59.65    | -13.00 | -38.68 | Horizontal |
| 4 | 4184.00 | -58.50 | RMS      | 33.63      | -48.55 | 0.42     | -95.23 | 51.23    | -13.00 | -45.50 | Horizontal |
| 5 | 5024.00 | -54.53 | RMS      | 34.21      | -46.50 | 0.24     | -95.23 | 52.75    | -13.00 | -41.53 | Horizontal |
| 6 | 6696.00 | -51.23 | RMS      | 35.59      | -42.48 | 0.67     | -95.23 | 50.22    | -13.00 | -38.23 | Horizontal |
| 7 | 8368.00 | -54.41 | RMS      | 35.70      | -42.19 | 0.18     | -95.23 | 47.13    | -13.00 | -41.41 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NBIOT Band 5 3.75K CH20525 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1680.00 | -57.70 | RMS      | 28.70      | -52.04 | 0.31     | -95.23 | 60.56    | -13.00 | -44.70 | Vertical |
| 2 | 2512.00 | -40.30 | RMS      | 32.42      | -50.34 | 0.24     | -95.23 | 72.61    | -13.00 | -27.30 | Vertical |
| 3 | 3352.00 | -49.85 | RMS      | 32.91      | -49.16 | 0.15     | -95.23 | 61.48    | -13.00 | -36.85 | Vertical |
| 4 | 4184.00 | -58.88 | RMS      | 33.63      | -48.55 | 0.42     | -95.23 | 50.85    | -13.00 | -45.88 | Vertical |
| 5 | 5024.00 | -58.88 | RMS      | 34.21      | -46.50 | 0.24     | -95.23 | 48.40    | -13.00 | -45.88 | Vertical |
| 6 | 6696.00 | -51.97 | RMS      | 35.59      | -42.48 | 0.67     | -95.23 | 49.48    | -13.00 | -38.97 | Vertical |
| 7 | 8368.00 | -54.40 | RMS      | 35.70      | -42.19 | 0.18     | -95.23 | 47.14    | -13.00 | -41.40 | Vertical |

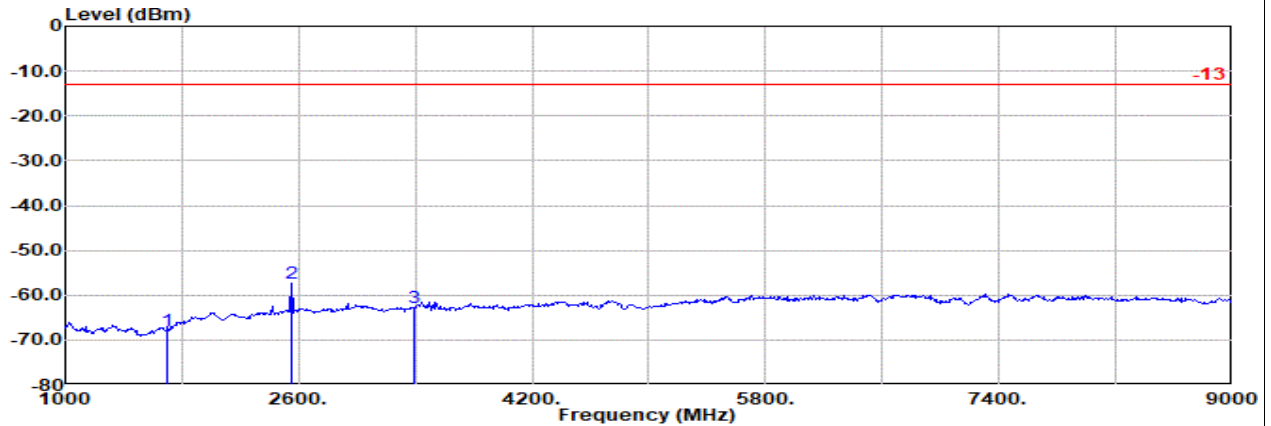


## NB-IoT

## Part 22H Mode 2

NB-IoT B5 3.75k Ch20649 1RB0 BPSK

H

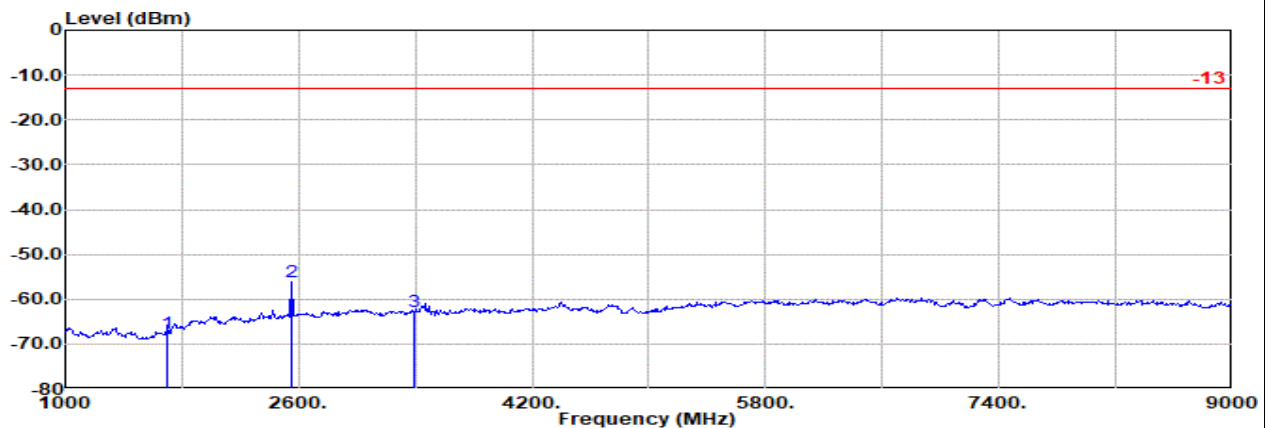


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NBIOT Band 5 3.75K CH20649 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB/m   | dB     | dB     | dB     | dBuV   | dBm    | dB         |
| 1 | 1698.00 | -67.81 | RMS      | 28.78      | -52.00 | 0.31   | -95.23 | 50.33  | -13.00 | -54.81 | Horizontal |
| 2 | 2552.00 | -57.44 | RMS      | 32.62      | -50.26 | 0.19   | -95.23 | 55.24  | -13.00 | -44.44 | Horizontal |
| 3 | 3396.00 | -62.85 | RMS      | 33.08      | -49.13 | 0.15   | -95.23 | 48.28  | -13.00 | -49.85 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NBIOT Band 5 3.75K CH20649 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB/m   | dB     | dB     | dB     | dBuV   | dBm    | dB       |
| 1 | 1698.00 | -67.60 | RMS      | 28.78      | -52.00 | 0.31   | -95.23 | 50.54  | -13.00 | -54.60 | Vertical |
| 2 | 2552.00 | -56.11 | RMS      | 32.62      | -50.26 | 0.19   | -95.23 | 56.57  | -13.00 | -43.11 | Vertical |
| 3 | 3396.00 | -62.76 | RMS      | 33.08      | -49.13 | 0.15   | -95.23 | 48.37  | -13.00 | -49.76 | Vertical |

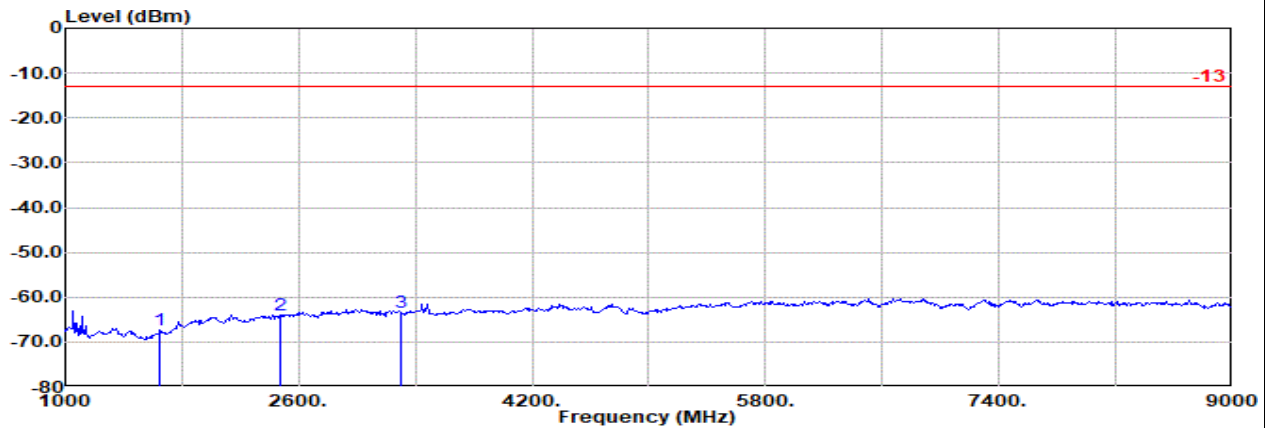


## NB-IoT

## Part 22H Mode 4

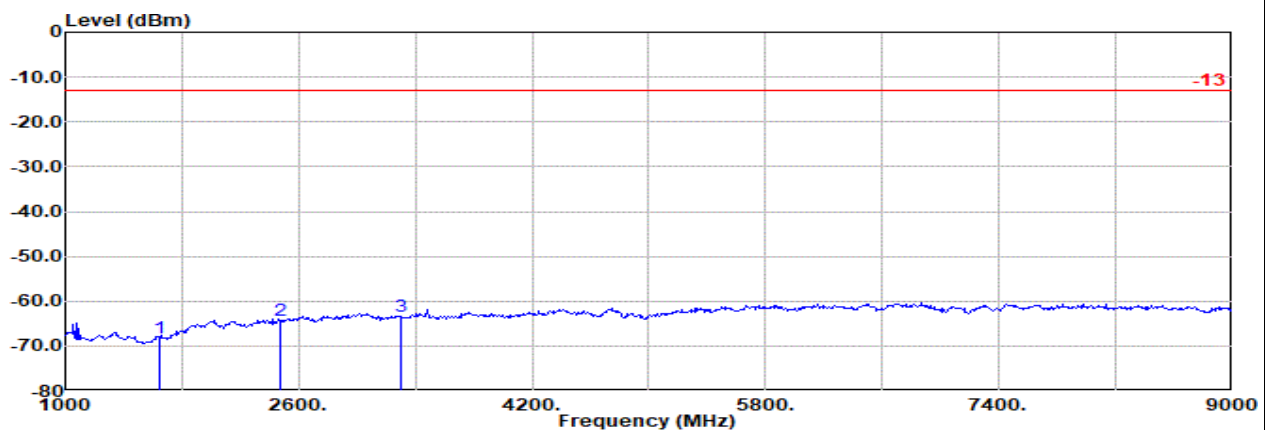
## NB-IoT B26 15k Ch26791 1RB0 BPSK

L



Site : 03CH07-HY  
Condition: -13 3m HF\_ANT\_00075962 Horizontal  
Mode : NB-IoT Band 26 15k CH26791 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB       | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1648.00 | -67.27 | RMS      | 28.68      | -52.12 | 0.31     | -95.23 | 51.09    | -13.00 | -54.27 | Horizontal |
| 2 | 2472.00 | -64.08 | RMS      | 32.10      | -50.41 | 0.30     | -95.23 | 49.16    | -13.00 | -51.08 | Horizontal |
| 3 | 3296.00 | -63.53 | RMS      | 32.79      | -49.21 | 0.14     | -95.23 | 47.98    | -13.00 | -50.53 | Horizontal |



Site : 03CH07-HY  
Condition: -13 3m HF\_ANT\_00075962 Vertical  
Mode : NB-IoT Band 26 15k CH26791 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB       | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1648.00 | -68.21 | RMS      | 28.68      | -52.12 | 0.31     | -95.23 | 50.15    | -13.00 | -55.21 | Vertical |
| 2 | 2472.00 | -64.24 | RMS      | 32.10      | -50.41 | 0.30     | -95.23 | 49.00    | -13.00 | -51.24 | Vertical |
| 3 | 3296.00 | -63.42 | RMS      | 32.79      | -49.21 | 0.14     | -95.23 | 48.09    | -13.00 | -50.42 | Vertical |

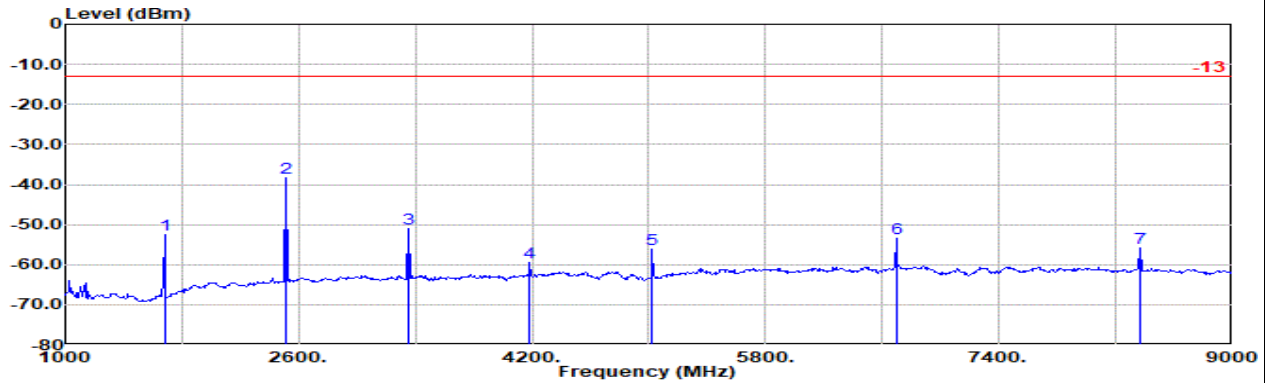


## NB-IoT

## Part 22H Mode 4

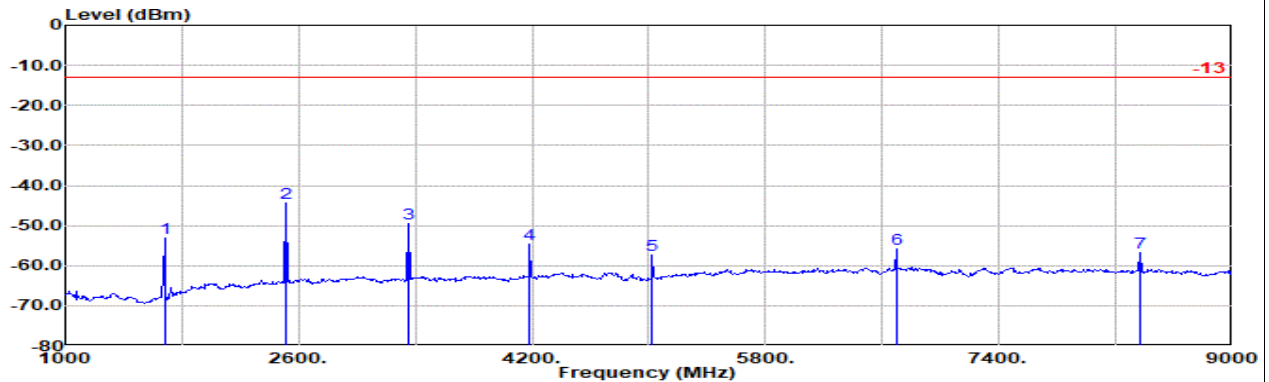
## NB-IoT B26 15k Ch26915 1RB0 BPSK

M



Site : 03CH07-HY  
Condition: -13 3m HF\_ANT\_00075962 Horizontal  
Mode : NB-IoT Band 26 15k CH26915 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        |          |        |          |        |        |            |
| 1 | 1680.00 | -52.55 | RMS      | 28.70      | -52.04 | 0.31     | -95.23 | 65.71    | -13.00 | -39.55 | Horizontal |
| 2 | 2512.00 | -38.25 | RMS      | 32.42      | -50.34 | 0.24     | -95.23 | 74.66    | -13.00 | -25.25 | Horizontal |
| 3 | 3352.00 | -51.15 | RMS      | 32.91      | -49.16 | 0.15     | -95.23 | 60.18    | -13.00 | -38.15 | Horizontal |
| 4 | 4184.00 | -59.50 | RMS      | 33.63      | -48.55 | 0.42     | -95.23 | 50.23    | -13.00 | -46.50 | Horizontal |
| 5 | 5024.00 | -56.16 | RMS      | 34.21      | -46.50 | 0.24     | -95.23 | 51.12    | -13.00 | -43.16 | Horizontal |
| 6 | 6696.00 | -53.44 | RMS      | 35.59      | -42.48 | 0.67     | -95.23 | 48.01    | -13.00 | -40.44 | Horizontal |
| 7 | 8368.00 | -55.89 | RMS      | 35.70      | -42.19 | 0.18     | -95.23 | 45.65    | -13.00 | -42.89 | Horizontal |



Site : 03CH07-HY  
Condition: -13 3m HF\_ANT\_00075962 Vertical  
Mode : NB-IoT Band 26 15k CH26915 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        |          |        |          |        |        |          |
| 1 | 1680.00 | -53.18 | RMS      | 28.70      | -52.04 | 0.31     | -95.23 | 65.08    | -13.00 | -40.18 | Vertical |
| 2 | 2512.00 | -44.33 | RMS      | 32.42      | -50.34 | 0.24     | -95.23 | 68.58    | -13.00 | -31.33 | Vertical |
| 3 | 3352.00 | -49.57 | RMS      | 32.91      | -49.16 | 0.15     | -95.23 | 61.76    | -13.00 | -36.57 | Vertical |
| 4 | 4184.00 | -54.73 | RMS      | 33.63      | -48.55 | 0.42     | -95.23 | 55.00    | -13.00 | -41.73 | Vertical |
| 5 | 5024.00 | -57.50 | RMS      | 34.21      | -46.50 | 0.24     | -95.23 | 49.78    | -13.00 | -44.50 | Vertical |
| 6 | 6696.00 | -55.73 | RMS      | 35.59      | -42.48 | 0.67     | -95.23 | 45.72    | -13.00 | -42.73 | Vertical |
| 7 | 8368.00 | -56.70 | RMS      | 35.70      | -42.19 | 0.18     | -95.23 | 44.84    | -13.00 | -43.70 | Vertical |

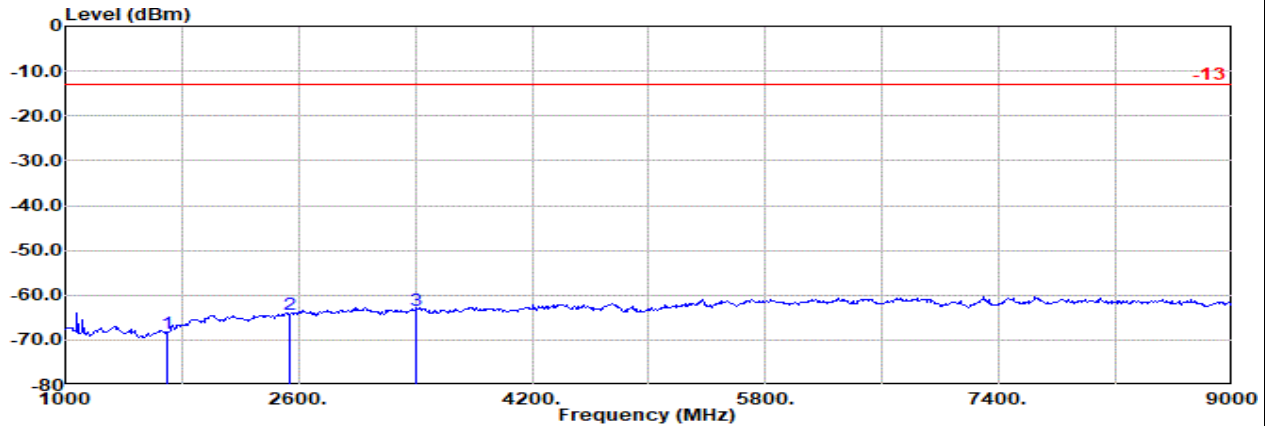


## NB-IoT

## Part 22H Mode 4

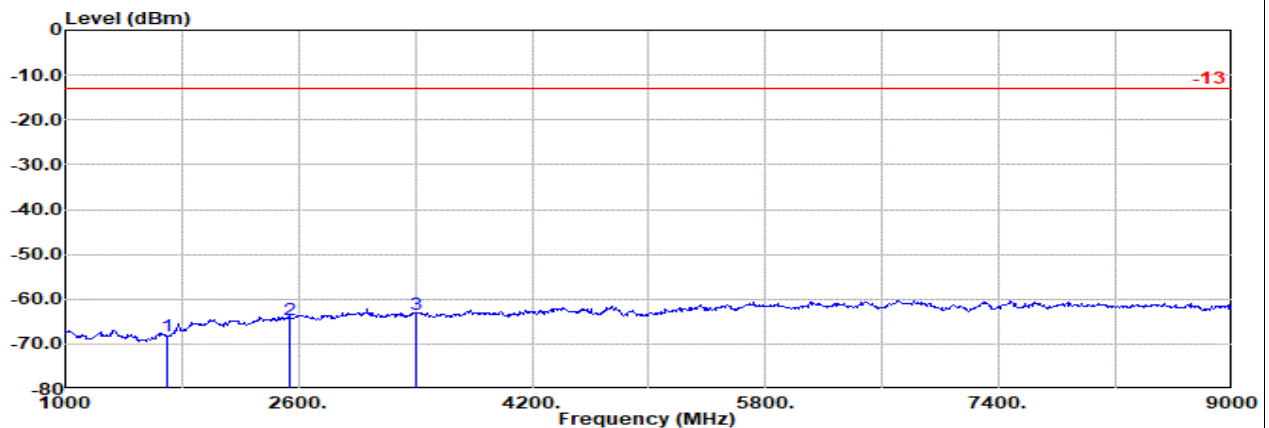
## NB-IoT B26 15k Ch27039 1RB0 BPSK

## H



Site : 03CH07-HY  
Condition: -13 3m HF\_ANT\_00075962 Horizontal  
Mode : NB IoT Band 26 15k CH27039 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1696.00 | -68.63 | RMS      | 28.76      | -52.00 | 0.31   | -95.23 | 49.53    | -13.00 | -55.63 | Horizontal |
| 2 | 2544.00 | -64.29 | RMS      | 32.54      | -50.28 | 0.20   | -95.23 | 48.48    | -13.00 | -51.29 | Horizontal |
| 3 | 3400.00 | -63.38 | RMS      | 33.10      | -49.13 | 0.15   | -95.23 | 47.73    | -13.00 | -50.38 | Horizontal |



Site : 03CH07-HY  
Condition: -13 3m HF\_ANT\_00075962 Vertical  
Mode : NB IoT Band 26 15k CH27039 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1696.00 | -68.37 | RMS      | 28.76      | -52.00 | 0.31   | -95.23 | 49.79    | -13.00 | -55.37 | Vertical |
| 2 | 2544.00 | -64.50 | RMS      | 32.54      | -50.28 | 0.20   | -95.23 | 48.27    | -13.00 | -51.50 | Vertical |
| 3 | 3400.00 | -63.31 | RMS      | 33.10      | -49.13 | 0.15   | -95.23 | 47.80    | -13.00 | -50.31 | Vertical |

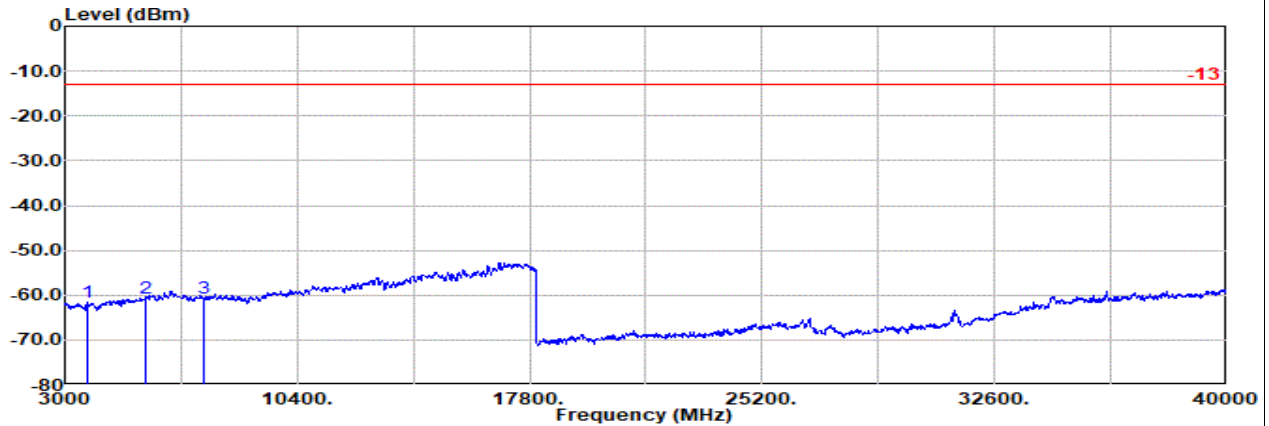


## NB-IoT

## Part 24E Mode 2

## NB-IoT B2 15k Ch18601 1RB0 BPSK

L

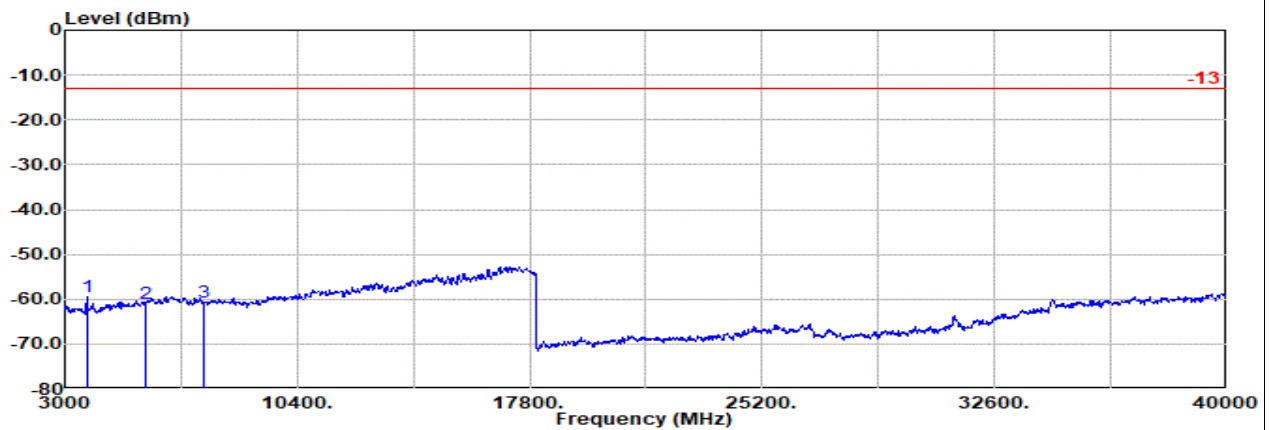


Site : 03CH07-HY

Condition: -13 1m SHF-EHF\_9170251 Horizontal

Mode : NBIOT Band 2 15K CH18601 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV     | dBm    | dB     |            |
| 1 | 3700.00 | -61.48 | RMS      | 33.10      | -49.01 | 0.67   | -95.23 | 48.99    | -13.00 | -48.48 | Horizontal |
| 2 | 5550.00 | -60.76 | RMS      | 34.70      | -44.10 | 0.51   | -95.23 | 43.36    | -13.00 | -47.76 | Horizontal |
| 3 | 7400.00 | -60.80 | RMS      | 35.70      | -42.98 | 0.31   | -95.23 | 41.40    | -13.00 | -47.80 | Horizontal |



Site : 03CH07-HY

Condition: -13 1m SHF-EHF\_9170251 Vertical

Mode : NBIOT Band 2 15K CH18601 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV     | dBm    | dB     |          |
| 1 | 3700.00 | -59.48 | RMS      | 33.10      | -49.01 | 0.67   | -95.23 | 50.99    | -13.00 | -46.48 | Vertical |
| 2 | 5550.00 | -60.88 | RMS      | 34.70      | -44.10 | 0.51   | -95.23 | 43.24    | -13.00 | -47.88 | Vertical |
| 3 | 7400.00 | -60.81 | RMS      | 35.70      | -42.98 | 0.31   | -95.23 | 41.39    | -13.00 | -47.81 | Vertical |

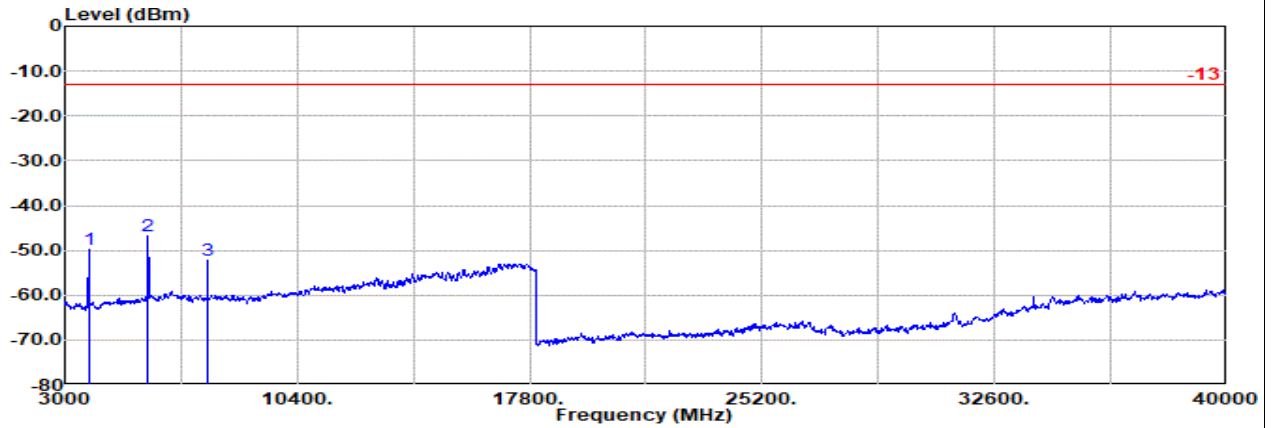


## NB-IoT

## Part 24E Mode 2

## NB-IoT B2 15k Ch18900 1RB0 BPSK

M

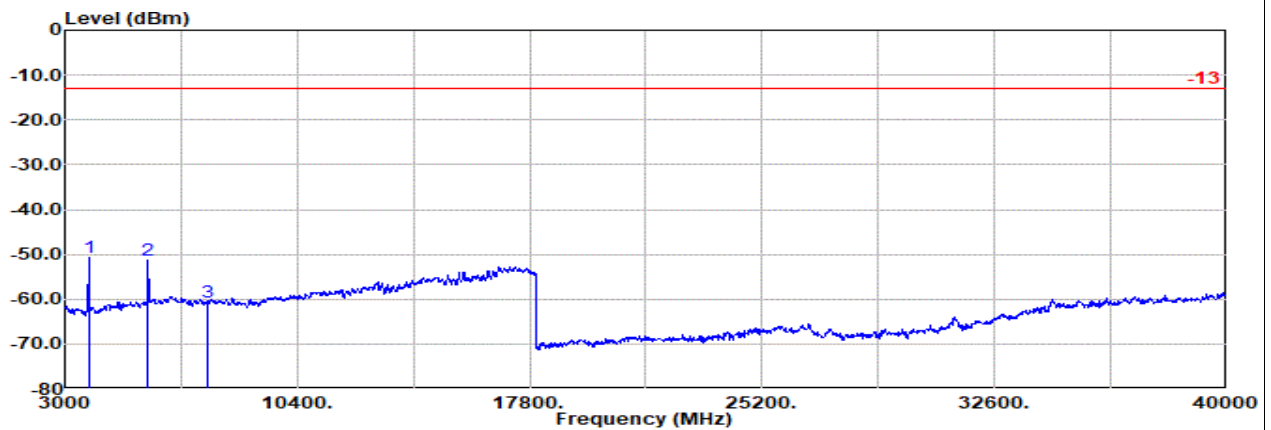


Site : 03CH07-HY

Condition: -13 1m SHF-EHF\_9170251 Horizontal

Mode : NBIOT Band 2 15K CH18900 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        | dB       | dB     | dBuV     | dBm    | dB     |            |
| 1 | 3765.00 | -49.93 | RMS      | 33.26      | -48.94 | 0.67     | -95.23 | 60.31    | -13.00 | -36.93 | Horizontal |
| 2 | 5640.00 | -46.72 | RMS      | 34.94      | -43.86 | 0.47     | -95.23 | 56.96    | -13.00 | -33.72 | Horizontal |
| 3 | 7530.00 | -52.33 | RMS      | 35.62      | -43.01 | 0.34     | -95.23 | 49.95    | -13.00 | -39.33 | Horizontal |



Site : 03CH07-HY

Condition: -13 1m SHF-EHF\_9170251 Vertical

Mode : NBIOT Band 2 15K CH18900 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        | dB       | dB     | dBuV     | dBm    | dB     |          |
| 1 | 3765.00 | -50.59 | RMS      | 33.26      | -48.94 | 0.67     | -95.23 | 59.65    | -13.00 | -37.59 | Vertical |
| 2 | 5640.00 | -51.43 | RMS      | 34.94      | -43.86 | 0.47     | -95.23 | 52.25    | -13.00 | -38.43 | Vertical |
| 3 | 7530.00 | -60.70 | RMS      | 35.62      | -43.01 | 0.34     | -95.23 | 41.58    | -13.00 | -47.70 | Vertical |

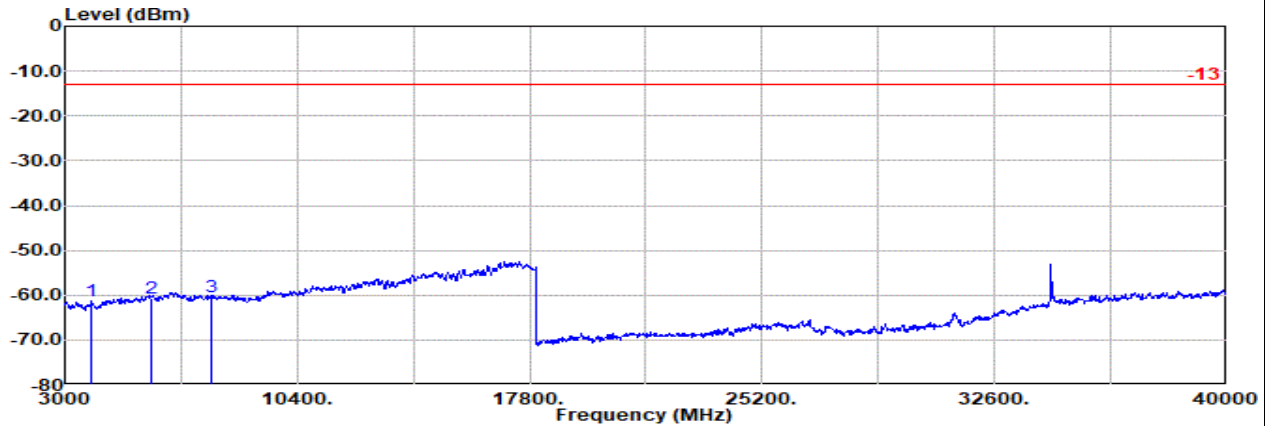


## NB-IoT

## Part 24E Mode 2

## NB-IoT B2 15k Ch19199 1RB0 BPSK

H

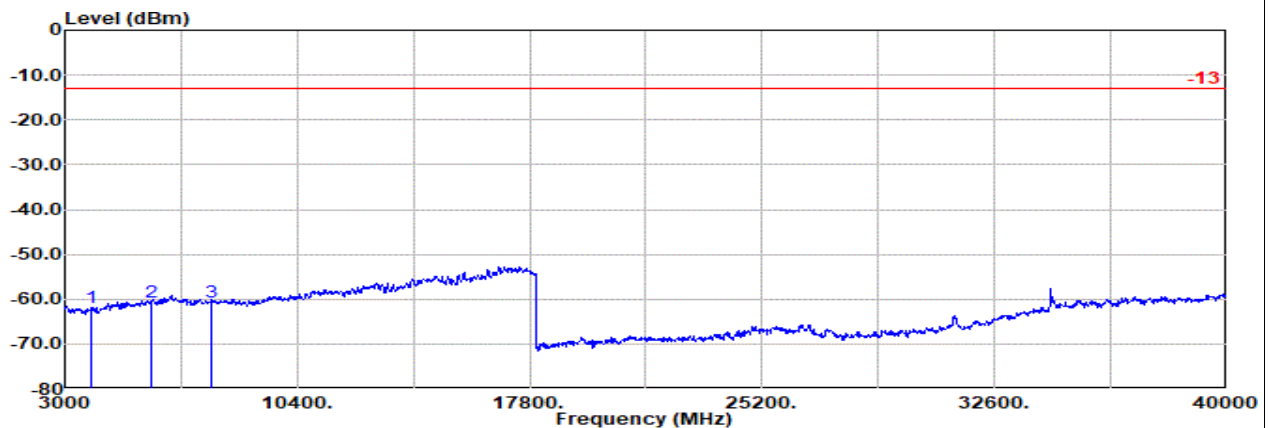


Site : 03CH07-HY

Condition: -13 1m SHF-EHF\_9170251 Horizontal

Mode : NBIOT Band 2 15K CH19199 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV     | dBm    | dB     |            |
| 1 | 3820.00 | -61.31 | RMS      | 33.44      | -48.90 | 0.66   | -95.23 | 48.72    | -13.00 | -48.31 | Horizontal |
| 2 | 5730.00 | -60.54 | RMS      | 35.20      | -43.60 | 0.35   | -95.23 | 42.74    | -13.00 | -47.54 | Horizontal |
| 3 | 7640.00 | -60.44 | RMS      | 35.90      | -42.88 | 0.35   | -95.23 | 41.42    | -13.00 | -47.44 | Horizontal |



Site : 03CH07-HY

Condition: -13 1m SHF-EHF\_9170251 Vertical

Mode : NBIOT Band 2 15K CH19199 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV     | dBm    | dB     |          |
| 1 | 3820.00 | -62.01 | RMS      | 33.44      | -48.90 | 0.66   | -95.23 | 48.02    | -13.00 | -49.01 | Vertical |
| 2 | 5730.00 | -60.74 | RMS      | 35.20      | -43.60 | 0.35   | -95.23 | 42.54    | -13.00 | -47.74 | Vertical |
| 3 | 7640.00 | -60.73 | RMS      | 35.90      | -42.88 | 0.35   | -95.23 | 41.13    | -13.00 | -47.73 | Vertical |

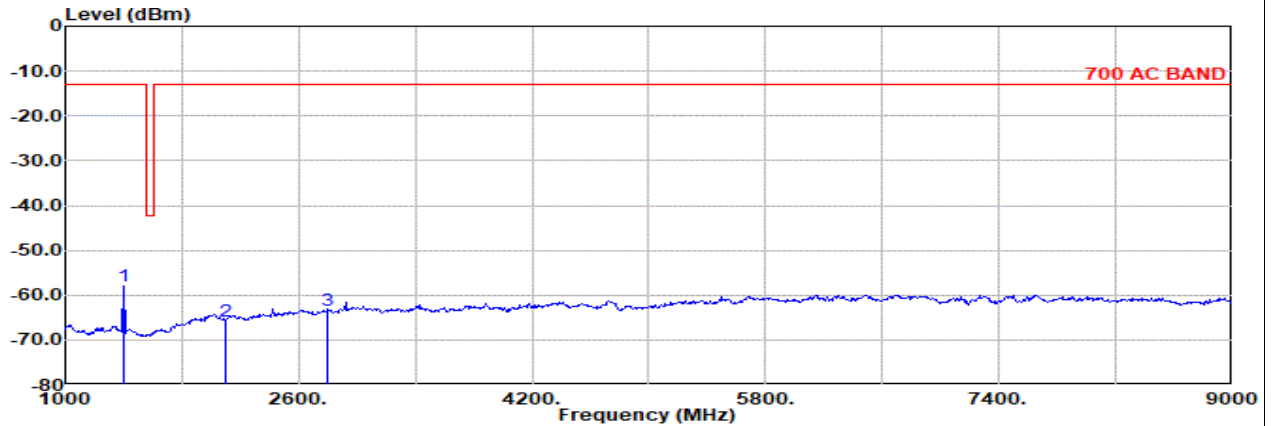


## NB-IoT

## Part 27H Mode 2

NB-IoT B12 3.75k Ch23011 1RB0 BPSK

L

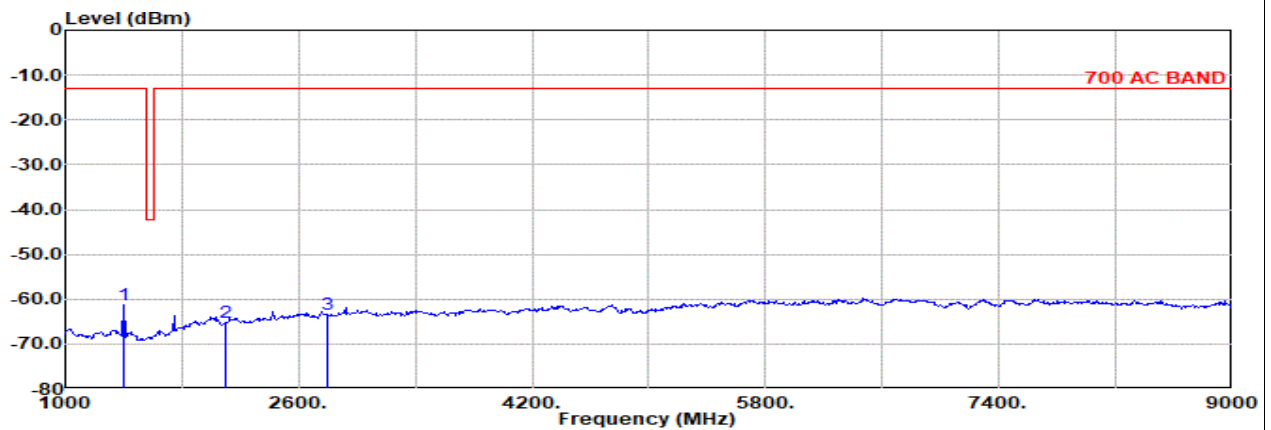


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF\_ANT\_00075962 Horizontal

Mode : NBIOT Band 12 3.75K CH23011 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1398.00 | -58.11 | RMS      | 28.66      | -52.80 | 0.42   | -95.23 | 60.84  | -13.00 | -45.11 | Horizontal |
| 2 | 2097.00 | -65.78 | RMS      | 31.74      | -51.10 | 0.23   | -95.23 | 48.58  | -13.00 | -52.78 | Horizontal |
| 3 | 2796.00 | -63.35 | RMS      | 32.36      | -49.68 | 0.26   | -95.23 | 48.94  | -13.00 | -50.35 | Horizontal |



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF\_ANT\_00075962 Vertical

Mode : NBIOT Band 12 3.75K CH23011 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1398.00 | -61.34 | RMS      | 28.66      | -52.80 | 0.42   | -95.23 | 57.61  | -13.00 | -48.34 | Vertical |
| 2 | 2097.00 | -65.34 | RMS      | 31.74      | -51.10 | 0.23   | -95.23 | 49.02  | -13.00 | -52.34 | Vertical |
| 3 | 2796.00 | -63.25 | RMS      | 32.36      | -49.68 | 0.26   | -95.23 | 49.04  | -13.00 | -50.25 | Vertical |

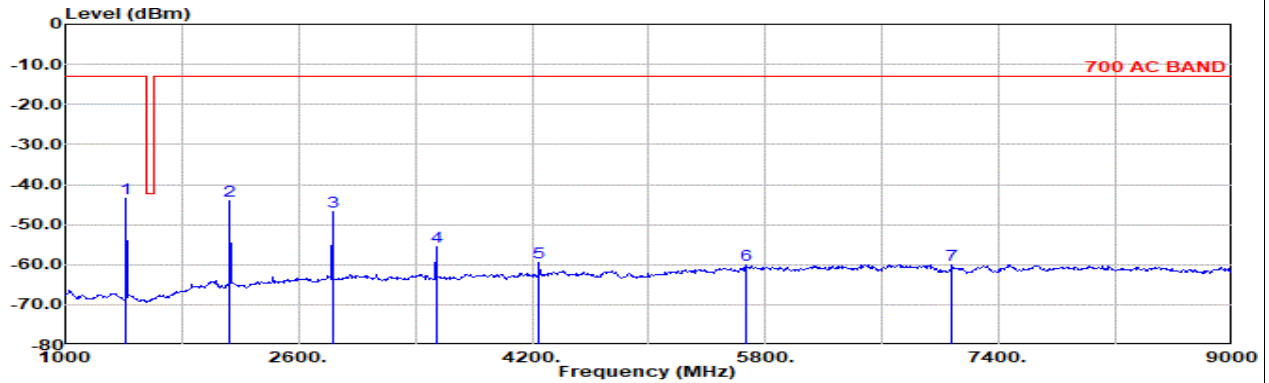


## NB-IoT

## Part 27H Mode 2

## NB-IoT B12 3.7k Ch23095 1RB0 BPSK

M

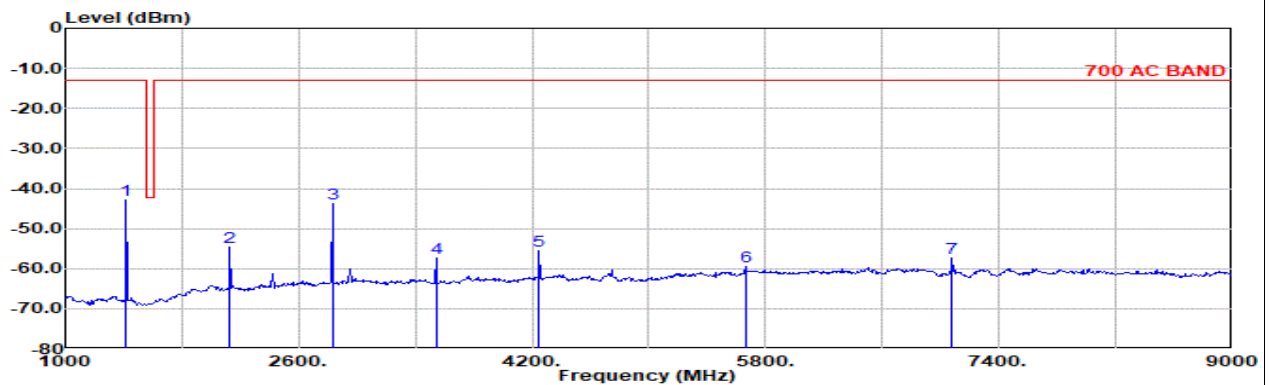


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF\_ANT\_00075962 Horizontal

Mode : NBIOT Band 12 3.75K CH23095 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit | Margin | Pol               |
|---|---------|--------|----------|------------|--------|----------|--------|----------|-------|--------|-------------------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dB       | dBm   | dB     |                   |
| 1 | 1416.00 | -43.43 | RMS      |            | 28.50  | -52.75   | 0.41   | -95.23   | 75.64 | -13.00 | -30.43 Horizontal |
| 2 | 2128.00 | -44.15 | RMS      |            | 31.98  | -51.04   | 0.22   | -95.23   | 69.92 | -13.00 | -31.15 Horizontal |
| 3 | 2832.00 | -46.92 | RMS      |            | 32.40  | -49.63   | 0.26   | -95.23   | 65.28 | -13.00 | -33.92 Horizontal |
| 4 | 3544.00 | -55.62 | RMS      |            | 32.62  | -49.12   | 0.25   | -95.23   | 55.86 | -13.00 | -42.62 Horizontal |
| 5 | 4248.00 | -59.44 | RMS      |            | 33.70  | -48.41   | 0.37   | -95.23   | 50.13 | -13.00 | -46.44 Horizontal |
| 6 | 5664.00 | -60.12 | RMS      |            | 35.06  | -43.79   | 0.40   | -95.23   | 43.44 | -13.00 | -47.12 Horizontal |
| 7 | 7080.00 | -60.13 | RMS      |            | 35.60  | -43.01   | 0.34   | -95.23   | 42.17 | -13.00 | -47.13 Horizontal |



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF\_ANT\_00075962 Vertical

Mode : NBIOT Band 12 3.75K CH23095 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit | Margin | Pol             |
|---|---------|--------|----------|------------|--------|----------|--------|----------|-------|--------|-----------------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dB       | dBm   | dB     |                 |
| 1 | 1416.00 | -42.78 | RMS      |            | 28.50  | -52.75   | 0.41   | -95.23   | 76.29 | -13.00 | -29.78 Vertical |
| 2 | 2128.00 | -54.65 | RMS      |            | 31.98  | -51.04   | 0.22   | -95.23   | 59.42 | -13.00 | -41.65 Vertical |
| 3 | 2832.00 | -43.77 | RMS      |            | 32.40  | -49.63   | 0.26   | -95.23   | 68.43 | -13.00 | -30.77 Vertical |
| 4 | 3544.00 | -57.25 | RMS      |            | 32.62  | -49.12   | 0.25   | -95.23   | 54.23 | -13.00 | -44.25 Vertical |
| 5 | 4248.00 | -55.53 | RMS      |            | 33.70  | -48.41   | 0.37   | -95.23   | 54.04 | -13.00 | -42.53 Vertical |
| 6 | 5664.00 | -59.37 | RMS      |            | 35.06  | -43.79   | 0.40   | -95.23   | 44.19 | -13.00 | -46.37 Vertical |
| 7 | 7080.00 | -57.39 | RMS      |            | 35.60  | -43.01   | 0.34   | -95.23   | 44.91 | -13.00 | -44.39 Vertical |

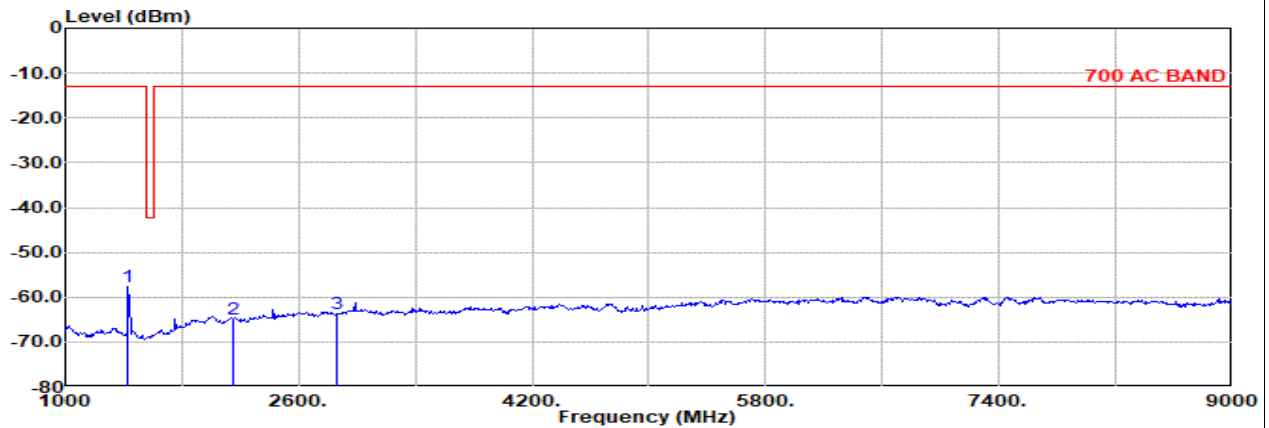


## NB-IoT

## Part 27H Mode 2

NB-IoT B12 3.75k Ch23179 1RB0 BPSK

H

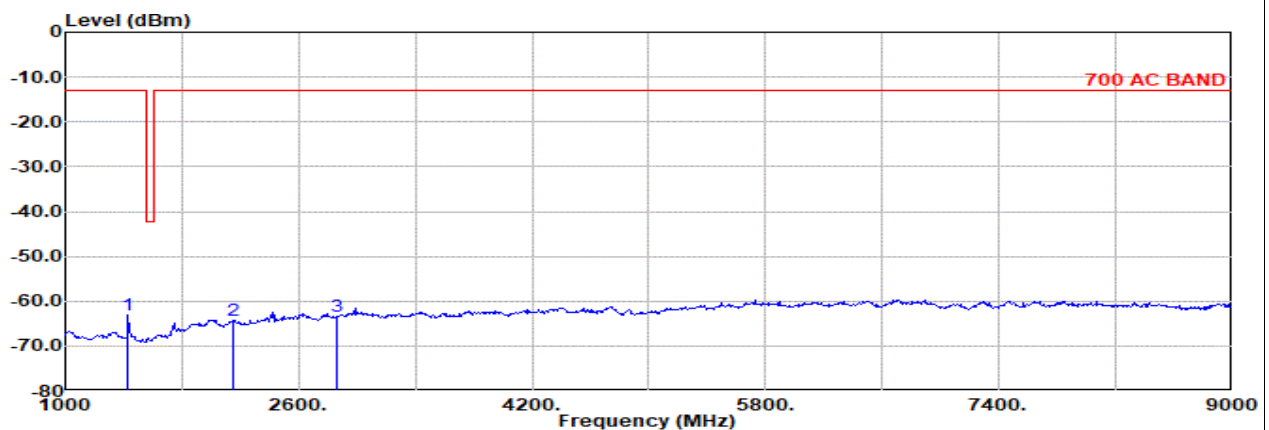


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF\_ANT\_00075962 Horizontal

Mode : NBIOT Band 12 3.75K CH23179 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1432.00 | -57.72 | RMS      | 28.50      | -52.70 | 0.40   | -95.23 | 61.31  | -13.00 | -44.72 | Horizontal |
| 2 | 2148.00 | -64.80 | RMS      | 32.00      | -51.00 | 0.21   | -95.23 | 49.22  | -13.00 | -51.80 | Horizontal |
| 3 | 2864.00 | -63.65 | RMS      | 32.60      | -49.58 | 0.26   | -95.23 | 48.30  | -13.00 | -50.65 | Horizontal |



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF\_ANT\_00075962 Vertical

Mode : NBIOT Band 12 3.75K CH23179 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1432.00 | -63.22 | RMS      | 28.50      | -52.70 | 0.40   | -95.23 | 55.81  | -13.00 | -50.22 | Vertical |
| 2 | 2148.00 | -64.37 | RMS      | 32.00      | -51.00 | 0.21   | -95.23 | 49.65  | -13.00 | -51.37 | Vertical |
| 3 | 2864.00 | -63.25 | RMS      | 32.60      | -49.58 | 0.26   | -95.23 | 48.70  | -13.00 | -50.25 | Vertical |

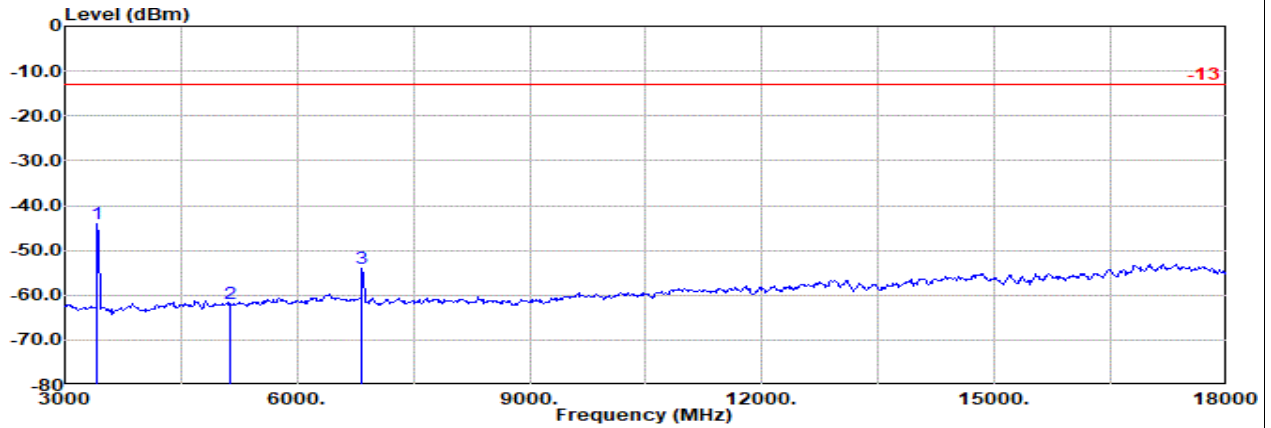


## NB-IoT

Part 27L Mode 2

NB-IoT B4 3.75k Ch19951 1RB0 BPSK

L

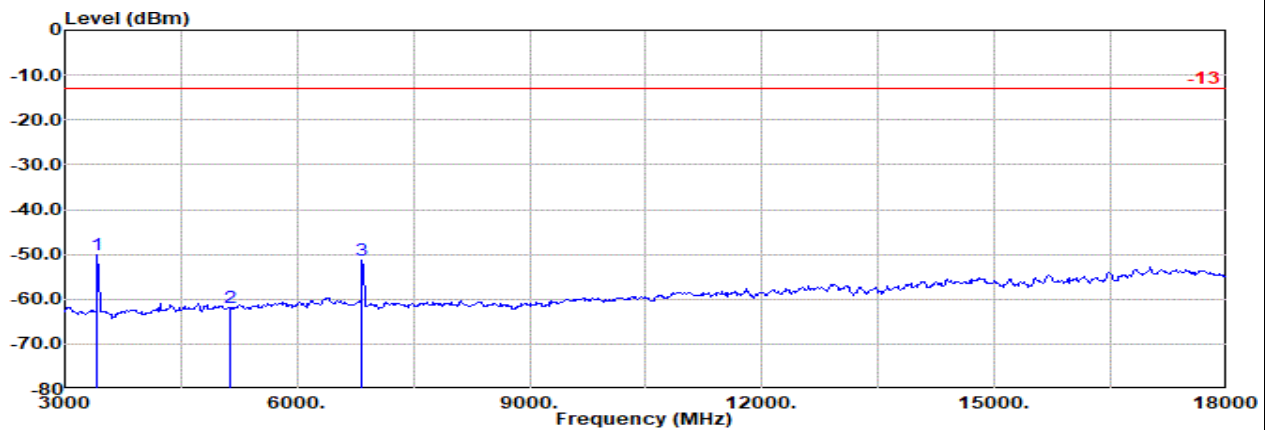


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NBIoT Band 4 3.75k CH19951 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        |        |        | g      |        |        |            |
| 1 | 3420.00 | -44.09 | RMS      | 33.10      | -49.13 | 0.80   | -95.23 | 66.37  | -13.00 | -31.09 | Horizontal |
| 2 | 5130.00 | -61.82 | RMS      | 34.18      | -45.94 | 0.46   | -95.23 | 44.71  | -13.00 | -48.82 | Horizontal |
| 3 | 6840.00 | -54.08 | RMS      | 35.72      | -42.74 | 0.65   | -95.23 | 47.52  | -13.00 | -41.08 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NBIoT Band 4 3.75k CH19951 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        |        |        | g      |        |        |          |
| 1 | 3420.00 | -50.11 | RMS      | 33.10      | -49.13 | 0.80   | -95.23 | 60.35  | -13.00 | -37.11 | Vertical |
| 2 | 5130.00 | -61.79 | RMS      | 34.18      | -45.94 | 0.46   | -95.23 | 44.74  | -13.00 | -48.79 | Vertical |
| 3 | 6840.00 | -51.29 | RMS      | 35.72      | -42.74 | 0.65   | -95.23 | 50.31  | -13.00 | -38.29 | Vertical |

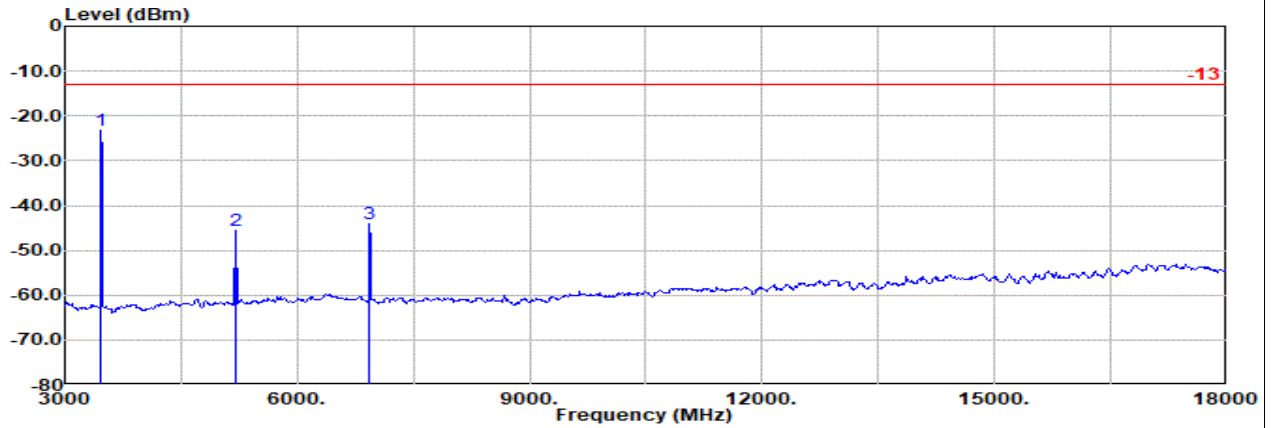


## NB-IoT

## Part 27L Mode 2

## NB-IoT B4 3.75k Ch20175 1RB0 BPSK

M

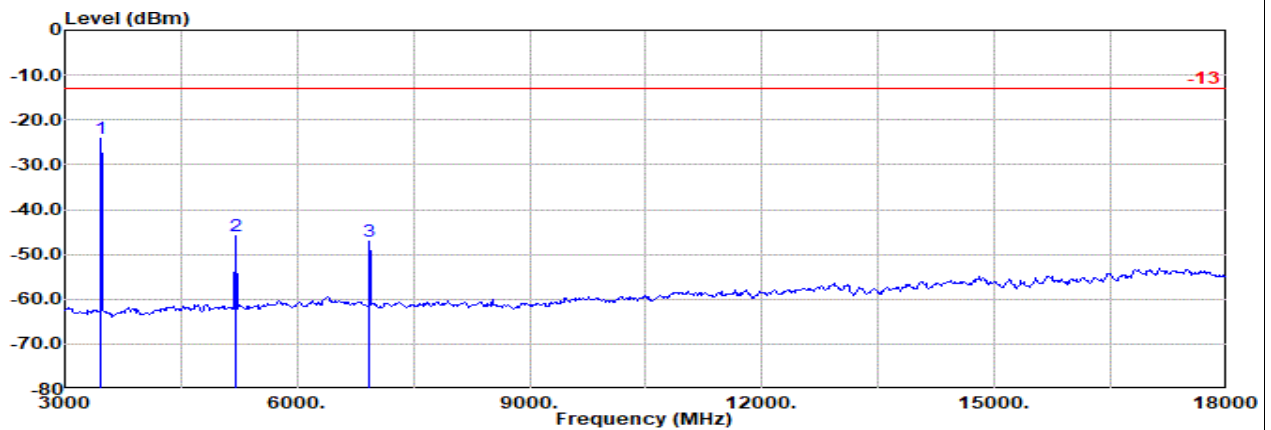


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NB-IoT Band 4 3.75k CH20175 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        |        |        | g      |        |        |            |
| 1 | 3465.00 | -23.12 | RMS      | 33.01      | -49.13 | 0.76   | -95.23 | 87.47  | -13.00 | -10.12 | Horizontal |
| 2 | 5205.00 | -45.58 | RMS      | 34.52      | -45.54 | 0.31   | -95.23 | 60.36  | -13.00 | -32.58 | Horizontal |
| 3 | 6930.00 | -43.94 | RMS      | 35.76      | -42.89 | 0.36   | -95.23 | 58.06  | -13.00 | -30.94 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NB-IoT Band 4 3.75k CH20175 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        |        |        | g      |        |        |          |
| 1 | 3465.00 | -24.08 | RMS      | 33.01      | -49.13 | 0.76   | -95.23 | 86.51  | -13.00 | -11.08 | Vertical |
| 2 | 5205.00 | -45.77 | RMS      | 34.52      | -45.54 | 0.31   | -95.23 | 60.17  | -13.00 | -32.77 | Vertical |
| 3 | 6930.00 | -47.08 | RMS      | 35.76      | -42.89 | 0.36   | -95.23 | 54.92  | -13.00 | -34.08 | Vertical |

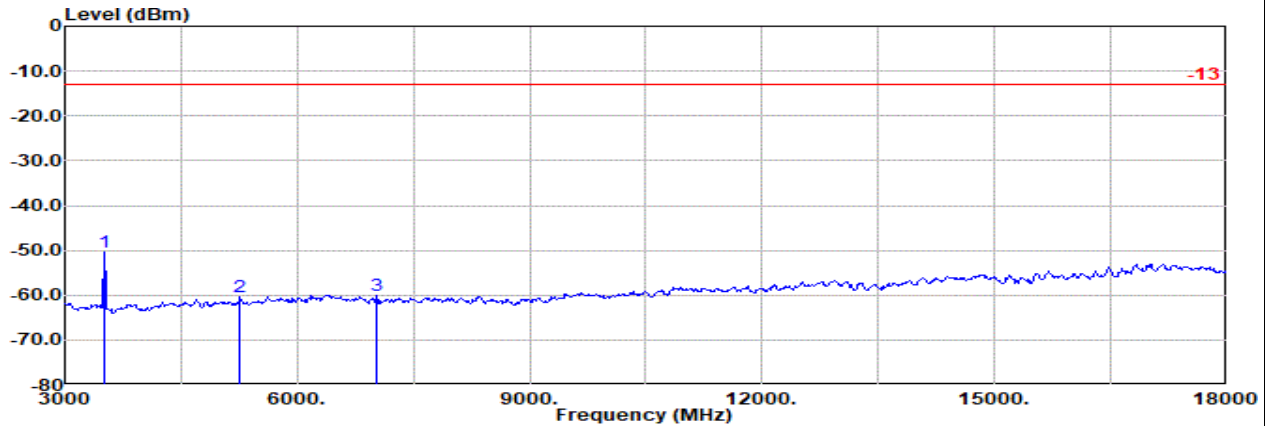


## NB-IoT

## Part 27L Mode 2

## NB-IoT B4 3.75k Ch20399 1RB0 BPSK

H

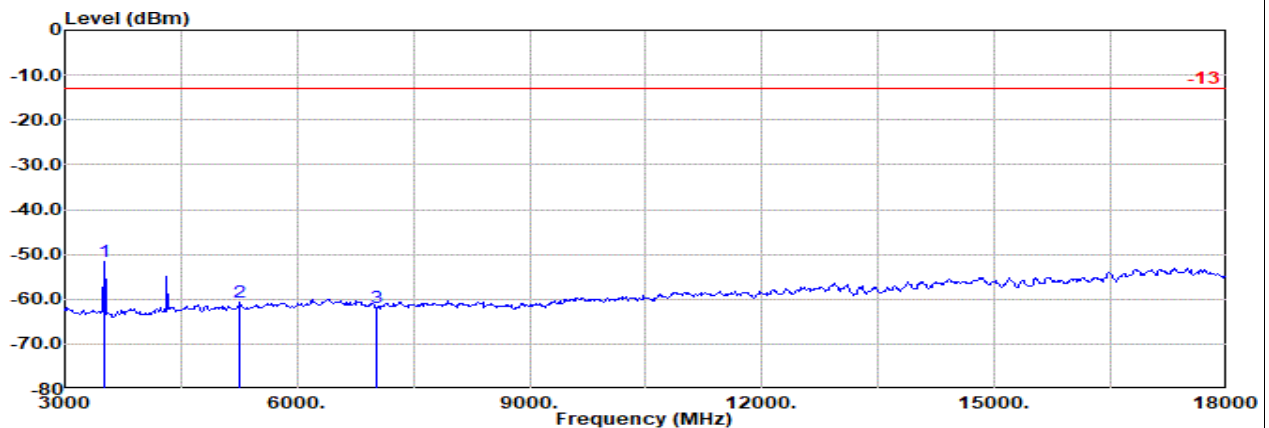


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NB-IoT Band 4 3.75k CH20399 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        |        |        | g      |        |        |            |
| 1 | 3510.00 | -50.30 | RMS      | 32.76      | -49.13 | 0.73   | -95.23 | 60.57  | -13.00 | -37.30 | Horizontal |
| 2 | 5265.00 | -60.33 | RMS      | 34.67      | -45.29 | 0.35   | -95.23 | 45.17  | -13.00 | -47.33 | Horizontal |
| 3 | 7020.00 | -60.12 | RMS      | 35.66      | -43.00 | 0.18   | -95.23 | 42.27  | -13.00 | -47.12 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NB-IoT Band 4 3.75k CH20399 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        |        |        | g      |        |        |          |
| 1 | 3510.00 | -51.66 | RMS      | 32.76      | -49.13 | 0.73   | -95.23 | 59.21  | -13.00 | -38.66 | Vertical |
| 2 | 5265.00 | -60.78 | RMS      | 34.67      | -45.29 | 0.35   | -95.23 | 44.72  | -13.00 | -47.78 | Vertical |
| 3 | 7020.00 | -61.85 | RMS      | 35.66      | -43.00 | 0.18   | -95.23 | 40.54  | -13.00 | -48.85 | Vertical |

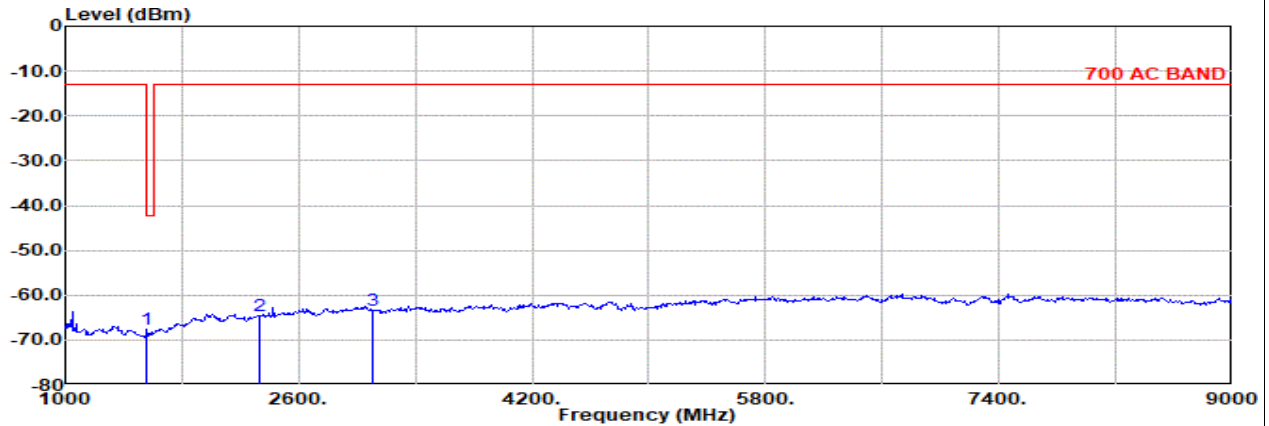


## NB-IoT

Part 27F Mode 4

NB-IoT B13 15k Ch23181 1RB0 BPSK

L

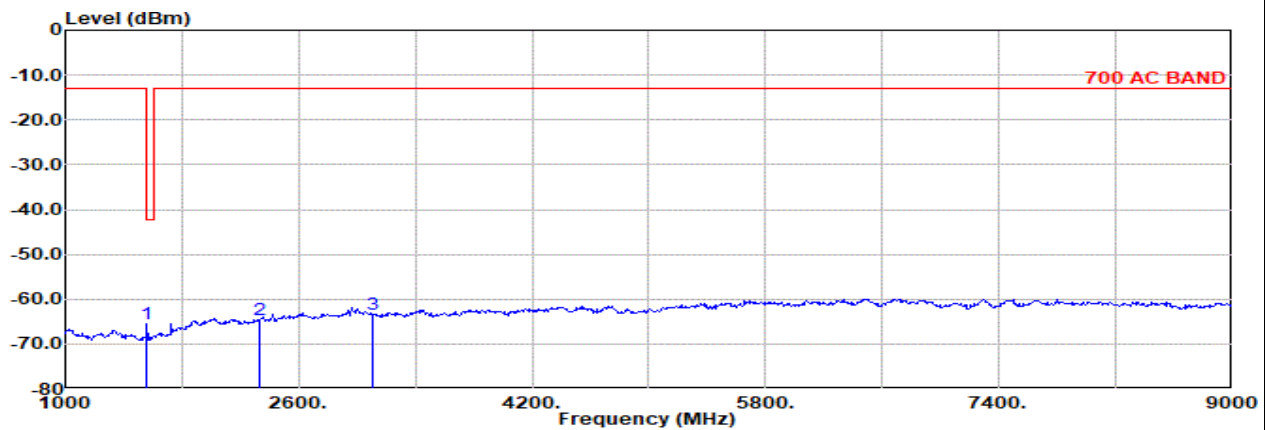


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF\_ANT\_00075962 Horizontal

Mode : NBIOT Band 13 15K CH23181 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1554.00 | -67.47 | RMS      | 27.64      | -52.36 | 0.34   | -95.23 | 52.14  | -13.00 | -54.47 | Horizontal |
| 2 | 2331.00 | -64.65 | RMS      | 32.10      | -50.66 | 0.32   | -95.23 | 48.82  | -13.00 | -51.65 | Horizontal |
| 3 | 3108.00 | -63.34 | RMS      | 32.67      | -49.33 | 0.19   | -95.23 | 48.36  | -13.00 | -50.34 | Horizontal |



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF\_ANT\_00075962 Vertical

Mode : NBIOT Band 13 15K CH23181 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1554.00 | -65.60 | RMS      | 27.64      | -52.36 | 0.34   | -95.23 | 54.01  | -13.00 | -52.60 | Vertical |
| 2 | 2331.00 | -64.51 | RMS      | 32.10      | -50.66 | 0.32   | -95.23 | 48.96  | -13.00 | -51.51 | Vertical |
| 3 | 3108.00 | -63.41 | RMS      | 32.67      | -49.33 | 0.19   | -95.23 | 48.29  | -13.00 | -50.41 | Vertical |

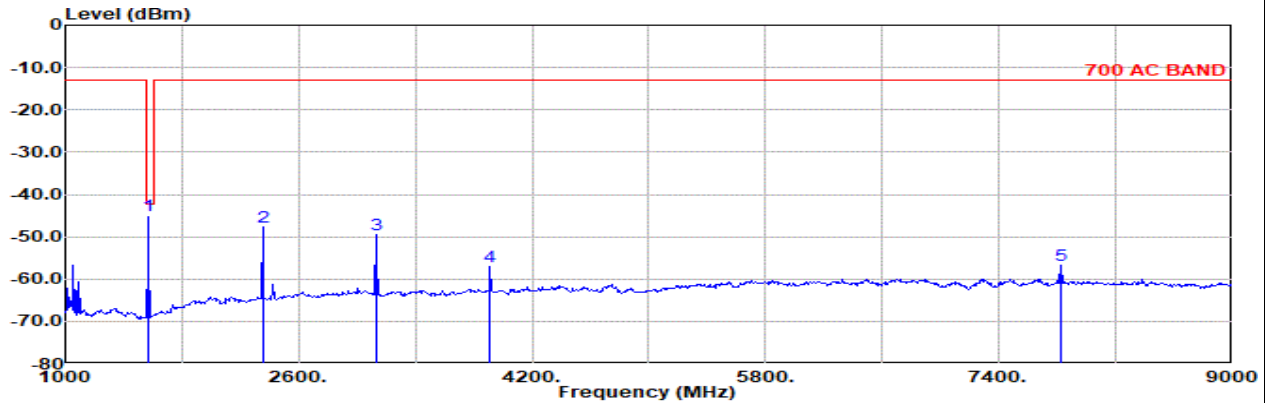


## NB-IoT

## Part 27F Mode 4

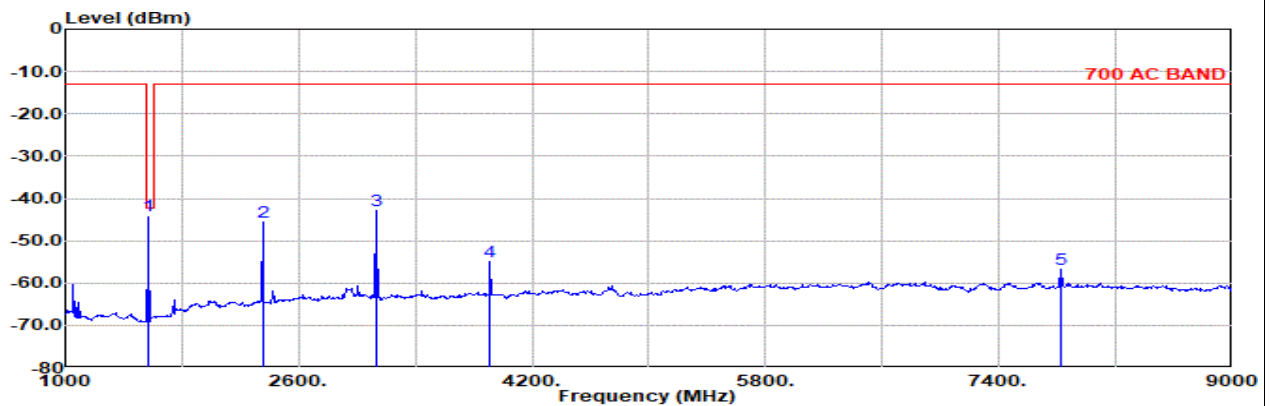
## NB-IoT B13 15k Ch23230 1RB0 BPSK

M



Site : 03CH07-HY  
Condition: 700 AC BAND 3m HF\_ANT\_00075962 Horizontal  
Mode : NBIOT Band 13 15K CH23230 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        | dB/m     | dB     | dB       | dB     | dB     |            |
| 1 | 1564.00 | -44.84 | RMS      | 27.70      | -52.33 | 0.33     | -95.23 | 74.69    | -42.15 | -2.69  | Horizontal |
| 2 | 2352.00 | -47.55 | RMS      | 32.08      | -50.62 | 0.34     | -95.23 | 65.88    | -13.00 | -34.55 | Horizontal |
| 3 | 3128.00 | -49.62 | RMS      | 32.59      | -49.32 | 0.17     | -95.23 | 62.17    | -13.00 | -36.62 | Horizontal |
| 4 | 3912.00 | -56.91 | RMS      | 33.38      | -48.87 | 0.50     | -95.23 | 53.31    | -13.00 | -43.91 | Horizontal |
| 5 | 7824.00 | -56.86 | RMS      | 35.85      | -42.58 | 0.37     | -95.23 | 44.73    | -13.00 | -43.86 | Horizontal |



Site : 03CH07-HY  
Condition: 700 AC BAND 3m HF\_ANT\_00075962 Vertical  
Mode : NBIOT Band 13 15K CH23230 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        | dB/m     | dB     | dB       | dB     | dB     |          |
| 1 | 1568.00 | -44.21 | RMS      | 27.70      | -52.32 | 0.33     | -95.23 | 75.31    | -42.15 | -2.06  | Vertical |
| 2 | 2352.00 | -45.46 | RMS      | 32.08      | -50.62 | 0.34     | -95.23 | 67.97    | -13.00 | -32.46 | Vertical |
| 3 | 3128.00 | -42.73 | RMS      | 32.59      | -49.32 | 0.17     | -95.23 | 69.06    | -13.00 | -29.73 | Vertical |
| 4 | 3912.00 | -54.93 | RMS      | 33.38      | -48.87 | 0.50     | -95.23 | 55.29    | -13.00 | -41.93 | Vertical |
| 5 | 7824.00 | -56.79 | RMS      | 35.85      | -42.58 | 0.37     | -95.23 | 44.80    | -13.00 | -43.79 | Vertical |

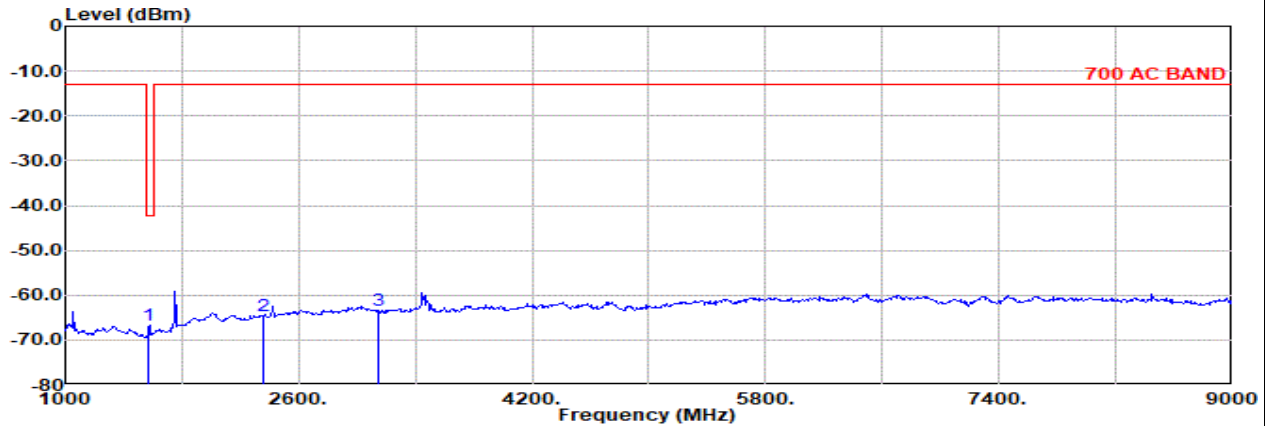


## NB-IoT

## Part 27F Mode 4

## NB-IoT B13 15k Ch23279 1RB0 BPSK

H

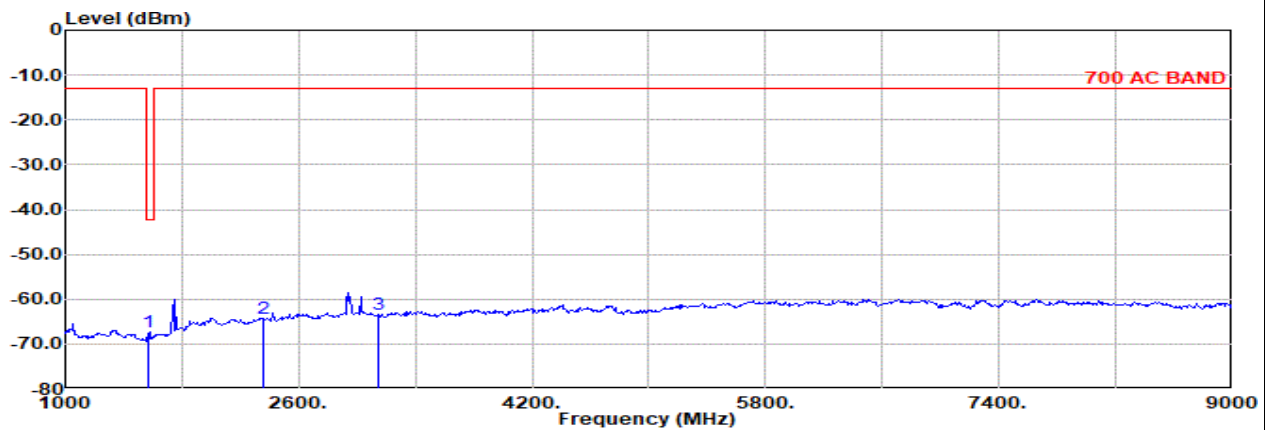


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF\_ANT\_00075962 Horizontal

Mode : NBIOT Band 13 15K CH23279 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        |        |        | g      |        | dB     |            |
| 1 | 1574.00 | -66.74 | RMS      | 27.70      | -52.31 | 0.32   | -95.23 | 52.78  | -42.15 | -24.59 | Horizontal |
| 2 | 2361.00 | -64.57 | RMS      | 31.99      | -50.61 | 0.35   | -95.23 | 48.93  | -13.00 | -51.57 | Horizontal |
| 3 | 3148.00 | -63.52 | RMS      | 32.51      | -49.31 | 0.16   | -95.23 | 48.35  | -13.00 | -50.52 | Horizontal |



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF\_ANT\_00075962 Vertical

Mode : NBIOT Band 13 15K CH23279 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        |        |        | g      |        | dB     |          |
| 1 | 1574.00 | -67.30 | RMS      | 27.70      | -52.31 | 0.32   | -95.23 | 52.22  | -42.15 | -25.15 | Vertical |
| 2 | 2361.00 | -64.18 | RMS      | 31.99      | -50.61 | 0.35   | -95.23 | 49.32  | -13.00 | -51.18 | Vertical |
| 3 | 3148.00 | -63.43 | RMS      | 32.51      | -49.31 | 0.16   | -95.23 | 48.44  | -13.00 | -50.43 | Vertical |

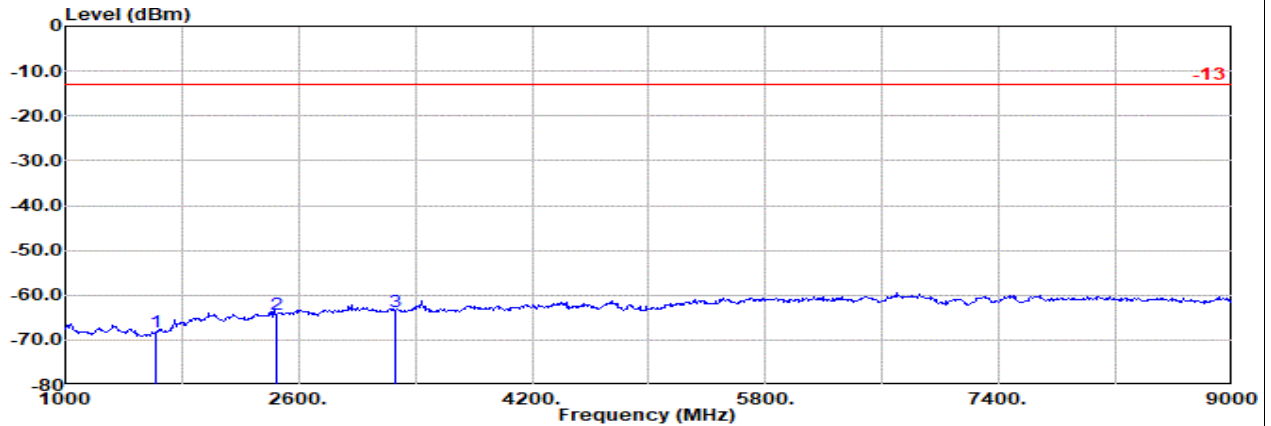


## NB-IoT

## Part 90S Mode 2

NB-IoT B26 3.75k Ch26691 1RB47 QPSK

L

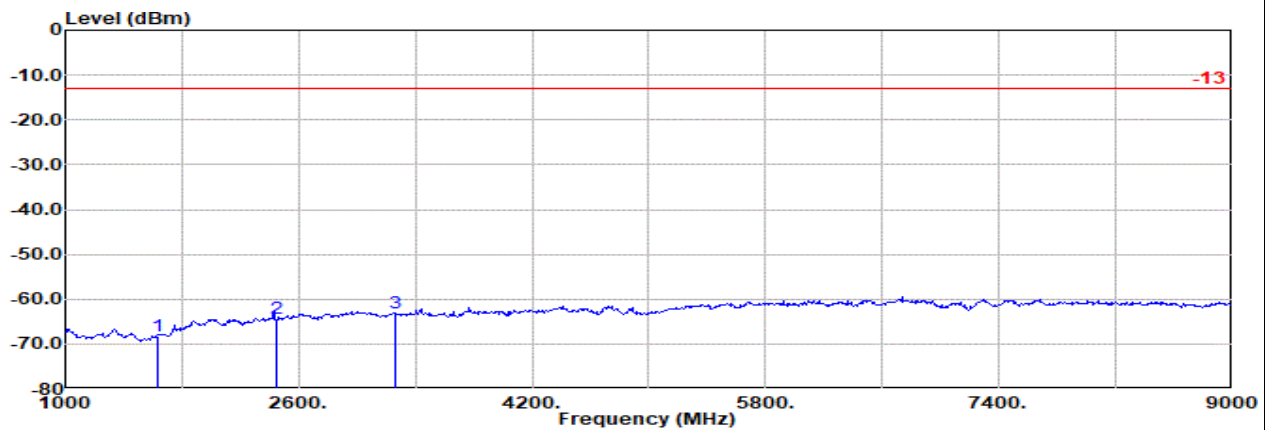


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NB IOT Band 26 3.75K CH26691 1RB47 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB       | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1624.00 | -68.30 | RMS      | 28.38      | -52.18 | 0.31     | -95.23 | 50.42    | -13.00 | -55.30 | Horizontal |
| 2 | 2442.00 | -64.41 | RMS      | 31.92      | -50.46 | 0.34     | -95.23 | 49.02    | -13.00 | -51.41 | Horizontal |
| 3 | 3256.00 | -63.60 | RMS      | 32.71      | -49.24 | 0.14     | -95.23 | 48.02    | -13.00 | -50.60 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NB IOT Band 26 3.75K CH26691 1RB47 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB       | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1628.00 | -68.24 | RMS      | 28.46      | -52.17 | 0.31     | -95.23 | 50.39    | -13.00 | -55.24 | Vertical |
| 2 | 2442.00 | -64.33 | RMS      | 31.92      | -50.46 | 0.34     | -95.23 | 49.10    | -13.00 | -51.33 | Vertical |
| 3 | 3256.00 | -63.11 | RMS      | 32.71      | -49.24 | 0.14     | -95.23 | 48.51    | -13.00 | -50.11 | Vertical |

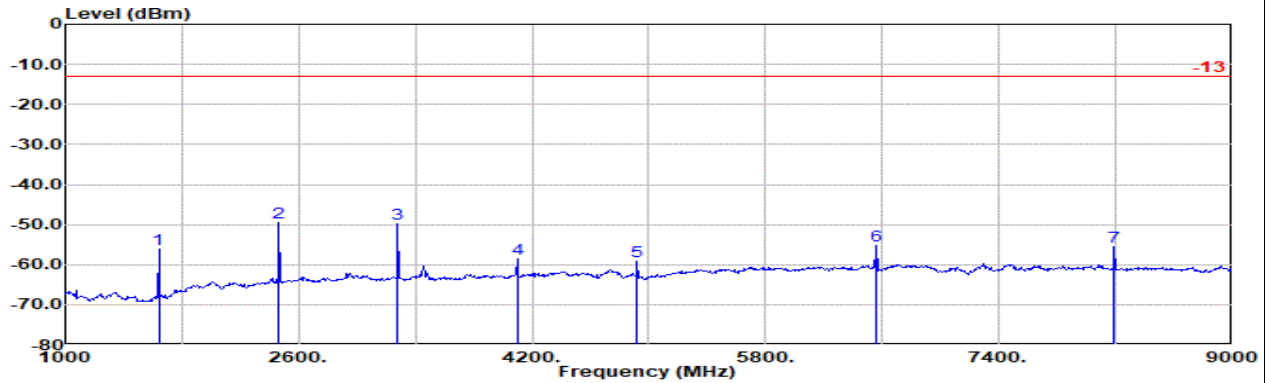


## NB-IoT

## Part 90S Mode 2

## NB-IoT B26 3.75k Ch26740 1RB47 QPSK

## M

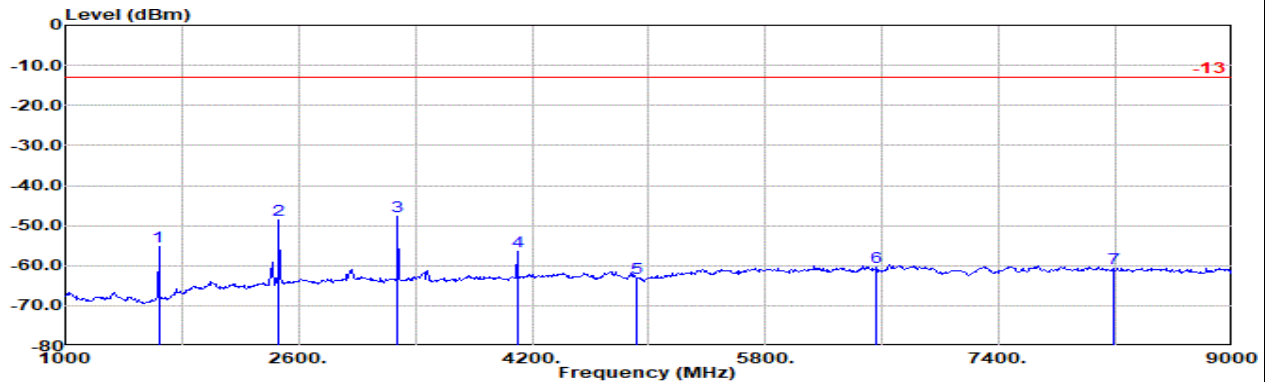


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NB IOT Band 26 3.75K CH26740 1RB47 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1640.00 | -56.20 | RMS      | 28.60      | -52.14 | 0.31     | -95.23 | 62.26    | -13.00 | -43.20 | Horizontal |
| 2 | 2464.00 | -49.51 | RMS      | 32.10      | -50.42 | 0.31     | -95.23 | 63.73    | -13.00 | -36.51 | Horizontal |
| 3 | 3280.00 | -49.92 | RMS      | 32.76      | -49.22 | 0.14     | -95.23 | 61.63    | -13.00 | -36.92 | Horizontal |
| 4 | 4096.00 | -58.60 | RMS      | 33.38      | -48.68 | 0.46     | -95.23 | 51.47    | -13.00 | -45.60 | Horizontal |
| 5 | 4920.00 | -59.15 | RMS      | 34.34      | -46.84 | 0.19     | -95.23 | 48.39    | -13.00 | -46.15 | Horizontal |
| 6 | 6560.00 | -55.11 | RMS      | 35.58      | -42.23 | 0.33     | -95.23 | 46.44    | -13.00 | -42.11 | Horizontal |
| 7 | 8192.00 | -55.63 | RMS      | 35.92      | -42.23 | 0.21     | -95.23 | 45.70    | -13.00 | -42.63 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NB IOT Band 26 3.75K CH26740 1RB47 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1640.00 | -55.35 | RMS      | 28.60      | -52.14 | 0.31     | -95.23 | 63.11    | -13.00 | -42.35 | Vertical |
| 2 | 2464.00 | -48.71 | RMS      | 32.10      | -50.42 | 0.31     | -95.23 | 64.53    | -13.00 | -35.71 | Vertical |
| 3 | 3280.00 | -47.80 | RMS      | 32.76      | -49.22 | 0.14     | -95.23 | 63.75    | -13.00 | -34.80 | Vertical |
| 4 | 4096.00 | -56.54 | RMS      | 33.38      | -48.68 | 0.46     | -95.23 | 53.53    | -13.00 | -43.54 | Vertical |
| 5 | 4920.00 | -62.96 | RMS      | 34.34      | -46.84 | 0.19     | -95.23 | 44.58    | -13.00 | -49.96 | Vertical |
| 6 | 6560.00 | -60.33 | RMS      | 35.58      | -42.23 | 0.33     | -95.23 | 41.22    | -13.00 | -47.33 | Vertical |
| 7 | 8192.00 | -60.75 | RMS      | 35.92      | -42.23 | 0.21     | -95.23 | 40.58    | -13.00 | -47.75 | Vertical |

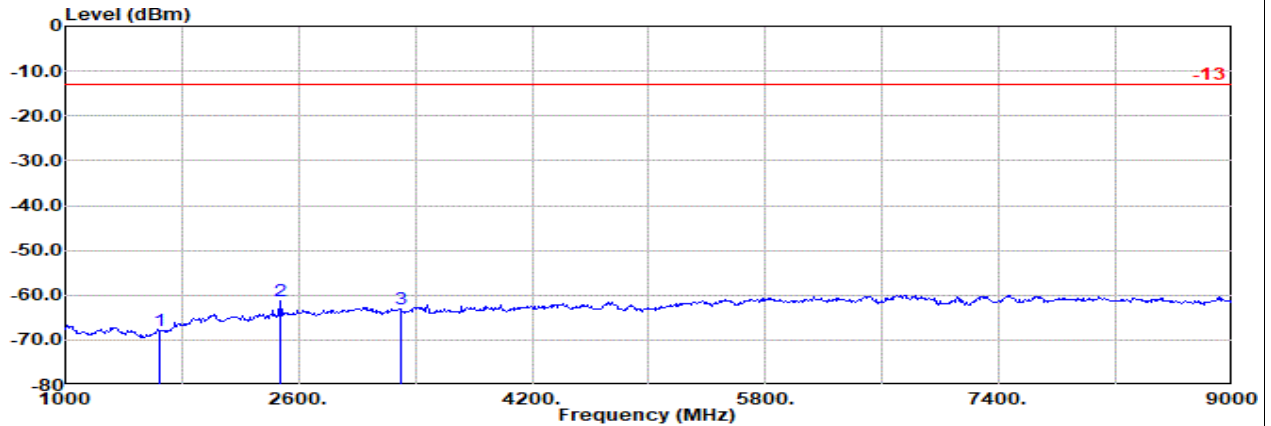


## NB-IoT

## Part 90S Mode 2

NB-IoT B26 3.75k Ch26789 1RB47 QPSK

H

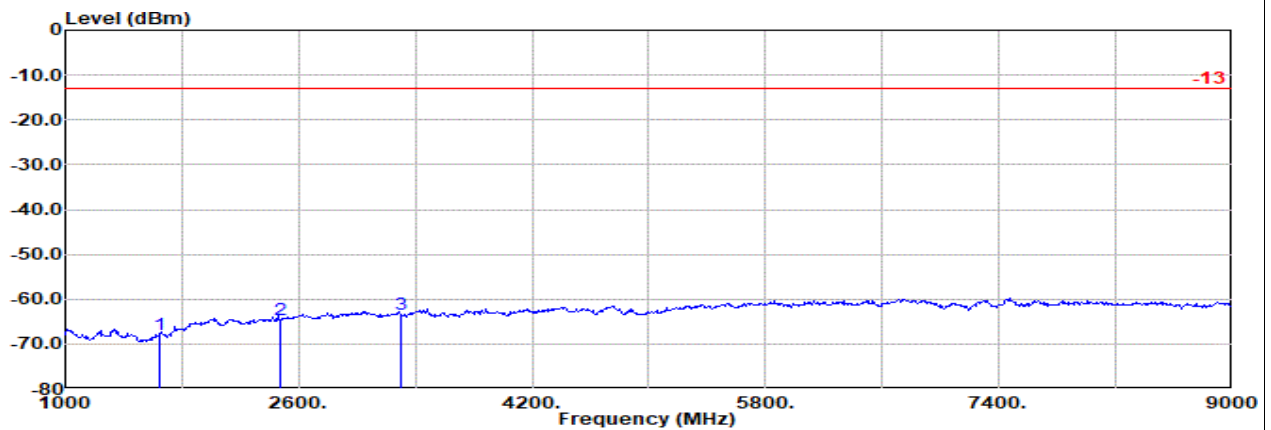


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NB IOT Band 26 3.75K CH26789 1RB47 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB       | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1648.00 | -67.85 | RMS      | 28.68      | -52.12 | 0.31     | -95.23 | 50.51    | -13.00 | -54.85 | Horizontal |
| 2 | 2472.00 | -61.25 | RMS      | 32.10      | -50.41 | 0.30     | -95.23 | 51.99    | -13.00 | -48.25 | Horizontal |
| 3 | 3296.00 | -63.22 | RMS      | 32.79      | -49.21 | 0.14     | -95.23 | 48.29    | -13.00 | -50.22 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NB IOT Band 26 3.75K CH26789 1RB47 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB       | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1648.00 | -68.04 | RMS      | 28.68      | -52.12 | 0.31     | -95.23 | 50.32    | -13.00 | -55.04 | Vertical |
| 2 | 2472.00 | -64.59 | RMS      | 32.10      | -50.41 | 0.30     | -95.23 | 48.65    | -13.00 | -51.59 | Vertical |
| 3 | 3296.00 | -63.33 | RMS      | 32.79      | -49.21 | 0.14     | -95.23 | 48.18    | -13.00 | -50.33 | Vertical |

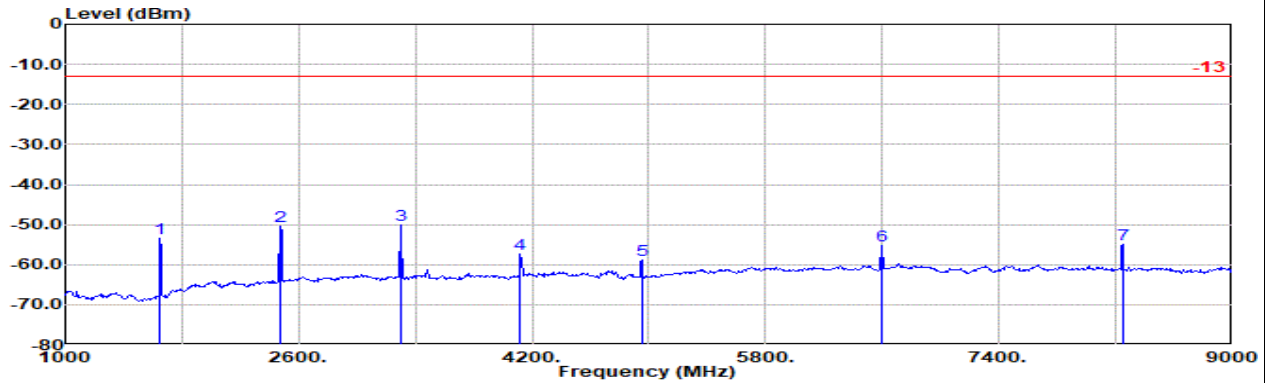


## NB-IoT

## Part 90S Mode 8

## NB-IoT B26 3.75k Ch26790 1RB0 QPSK

## M

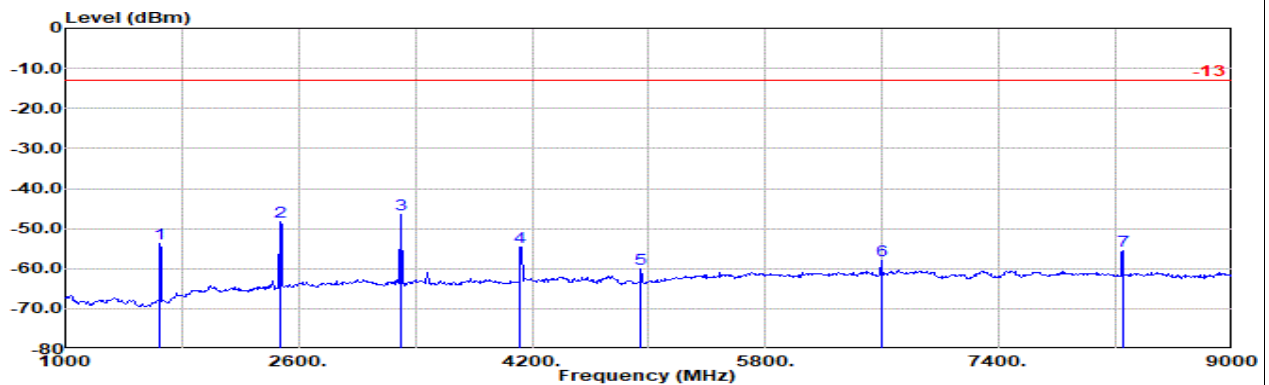


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NBIOT Band 26 3.75k CH26790 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit | Margin | Pol               |
|---|---------|--------|----------|------------|--------|----------|--------|----------|-------|--------|-------------------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dBuV     | dBm   | dB     |                   |
| 1 | 1648.00 | -53.50 | RMS      |            | 28.68  | -52.12   | 0.31   | -95.23   | 64.86 | -13.00 | -40.50 Horizontal |
| 2 | 2472.00 | -50.40 | RMS      |            | 32.10  | -50.41   | 0.30   | -95.23   | 62.84 | -13.00 | -37.40 Horizontal |
| 3 | 3296.00 | -50.10 | RMS      |            | 32.79  | -49.21   | 0.14   | -95.23   | 61.41 | -13.00 | -37.10 Horizontal |
| 4 | 4120.00 | -57.34 | RMS      |            | 33.52  | -48.65   | 0.45   | -95.23   | 52.57 | -13.00 | -44.34 Horizontal |
| 5 | 4952.00 | -58.95 | RMS      |            | 34.40  | -46.76   | 0.20   | -95.23   | 48.44 | -13.00 | -45.95 Horizontal |
| 6 | 6592.00 | -55.13 | RMS      |            | 35.52  | -42.28   | 0.34   | -95.23   | 46.52 | -13.00 | -42.13 Horizontal |
| 7 | 8248.00 | -55.08 | RMS      |            | 35.80  | -42.22   | 0.20   | -95.23   | 46.37 | -13.00 | -42.08 Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NBIOT Band 26 3.75k CH26790 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit | Margin | Pol             |
|---|---------|--------|----------|------------|--------|----------|--------|----------|-------|--------|-----------------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dBuV     | dBm   | dB     |                 |
| 1 | 1648.00 | -53.69 | RMS      |            | 28.68  | -52.12   | 0.31   | -95.23   | 64.67 | -13.00 | -40.69 Vertical |
| 2 | 2472.00 | -48.38 | RMS      |            | 32.10  | -50.41   | 0.30   | -95.23   | 64.86 | -13.00 | -35.38 Vertical |
| 3 | 3296.00 | -46.53 | RMS      |            | 32.79  | -49.21   | 0.14   | -95.23   | 64.98 | -13.00 | -33.53 Vertical |
| 4 | 4120.00 | -54.50 | RMS      |            | 33.52  | -48.65   | 0.45   | -95.23   | 55.41 | -13.00 | -41.50 Vertical |
| 5 | 4944.00 | -60.07 | RMS      |            | 34.39  | -46.78   | 0.20   | -95.23   | 47.35 | -13.00 | -47.07 Vertical |
| 6 | 6592.00 | -58.04 | RMS      |            | 35.52  | -42.28   | 0.34   | -95.23   | 43.61 | -13.00 | -45.04 Vertical |
| 7 | 8248.00 | -55.56 | RMS      |            | 35.80  | -42.22   | 0.20   | -95.23   | 45.89 | -13.00 | -42.56 Vertical |

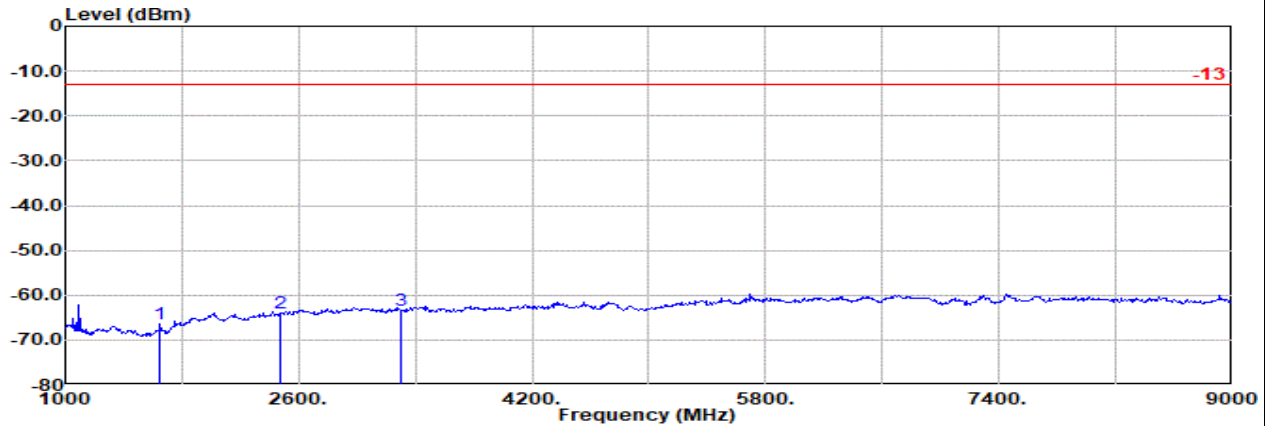


## NB-IoT

## Part 22H Mode 5

## NB-IoT B26 15k Ch26791 1RB0 BPSK

L

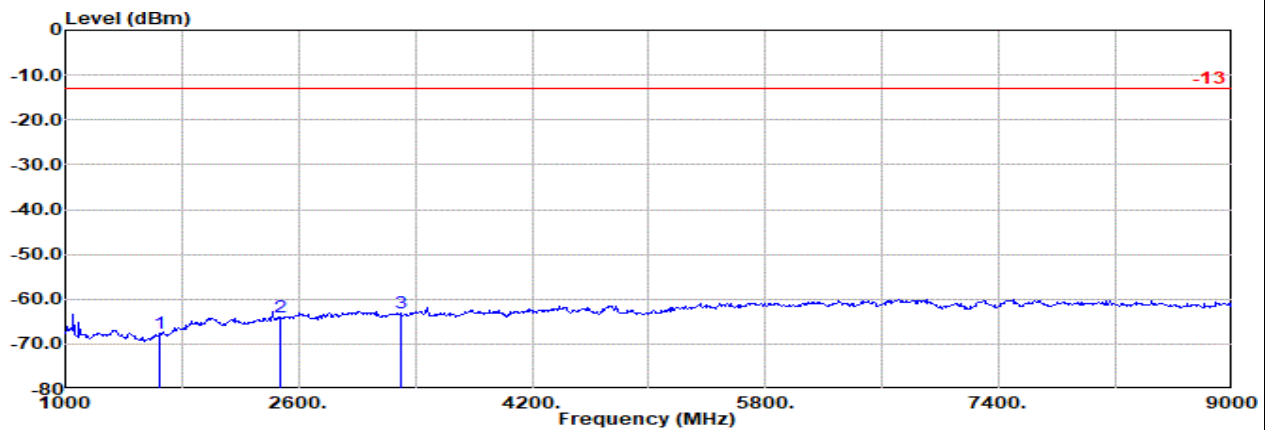


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NB IOT Band 26 15K CH26791 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1648.00 | -66.33 | RMS      | 28.68      | -52.12 | 0.31   | -95.23 | 0.00   | -13.00 | -53.33 | Horizontal |
| 2 | 2472.00 | -64.01 | RMS      | 32.10      | -50.41 | 0.30   | -95.23 | 49.23  | -13.00 | -51.01 | Horizontal |
| 3 | 3296.00 | -63.50 | RMS      | 32.79      | -49.21 | 0.14   | -95.23 | 48.01  | -13.00 | -50.50 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NB IOT Band 26 15K CH26791 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1648.00 | -67.65 | RMS      | 28.68      | -52.12 | 0.31   | -95.23 | 50.71  | -13.00 | -54.65 | Vertical |
| 2 | 2472.00 | -63.94 | RMS      | 32.10      | -50.41 | 0.30   | -95.23 | 49.30  | -13.00 | -50.94 | Vertical |
| 3 | 3296.00 | -63.12 | RMS      | 32.79      | -49.21 | 0.14   | -95.23 | 48.39  | -13.00 | -50.12 | Vertical |

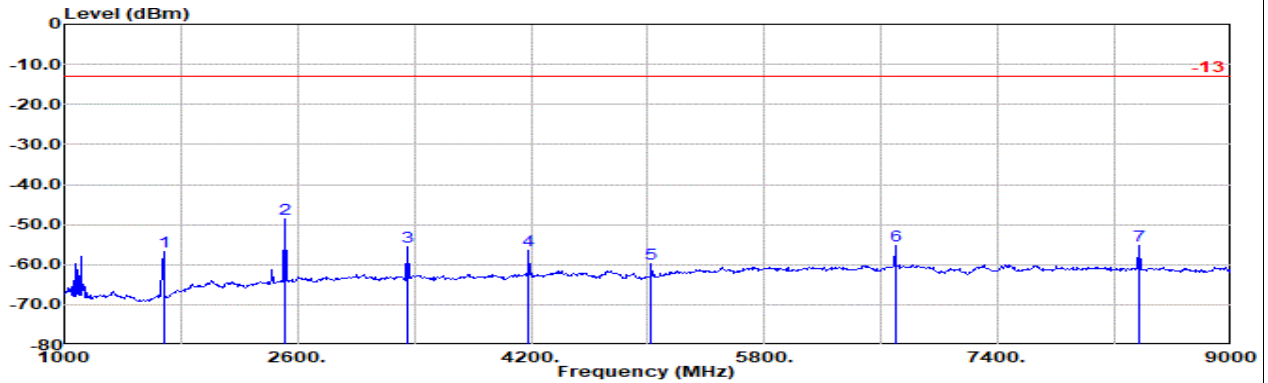


## NB-IoT

## Part 22H Mode 5

## NB-IoT B26 15k Ch26915 1RB0 BPSK

M

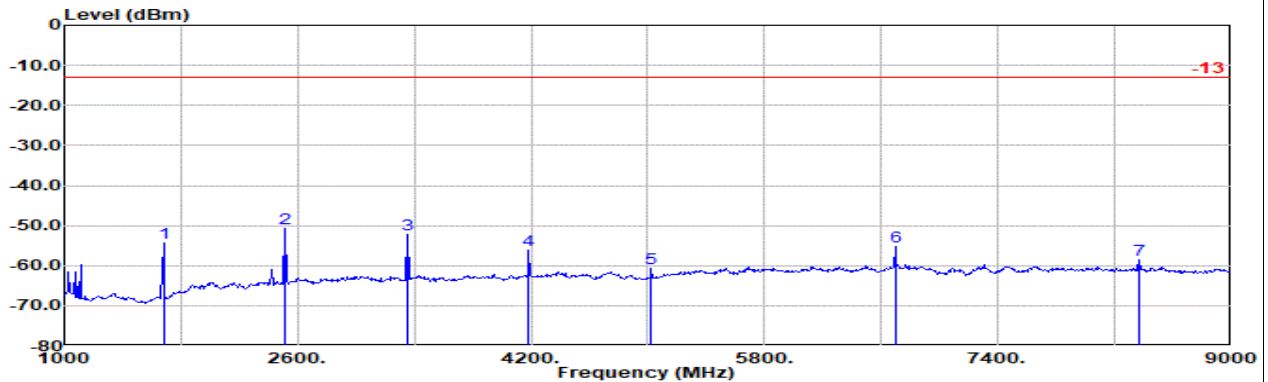


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NB IOT Band 26 15K CH26915 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1680.00 | -56.78 | RMS      | 28.70      | -52.04 | 0.31     | -95.23 | 61.48    | -13.00 | -43.78 | Horizontal |
| 2 | 2512.00 | -48.65 | RMS      | 32.42      | -50.34 | 0.24     | -95.23 | 64.26    | -13.00 | -35.65 | Horizontal |
| 3 | 3352.00 | -55.42 | RMS      | 32.91      | -49.16 | 0.15     | -95.23 | 55.91    | -13.00 | -42.42 | Horizontal |
| 4 | 4184.00 | -56.40 | RMS      | 33.63      | -48.55 | 0.42     | -95.23 | 53.33    | -13.00 | -43.40 | Horizontal |
| 5 | 5024.00 | -59.92 | RMS      | 34.21      | -46.50 | 0.24     | -95.23 | 47.36    | -13.00 | -46.92 | Horizontal |
| 6 | 6696.00 | -55.20 | RMS      | 35.59      | -42.48 | 0.67     | -95.23 | 46.25    | -13.00 | -42.20 | Horizontal |
| 7 | 8368.00 | -55.18 | RMS      | 35.70      | -42.19 | 0.18     | -95.23 | 46.36    | -13.00 | -42.18 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NB IOT Band 26 15K CH26915 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB/m   | dB       | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1680.00 | -54.28 | RMS      | 28.70      | -52.04 | 0.31     | -95.23 | 63.98    | -13.00 | -41.28 | Vertical |
| 2 | 2512.00 | -50.82 | RMS      | 32.42      | -50.34 | 0.24     | -95.23 | 62.09    | -13.00 | -37.82 | Vertical |
| 3 | 3352.00 | -52.20 | RMS      | 32.91      | -49.16 | 0.15     | -95.23 | 59.13    | -13.00 | -39.20 | Vertical |
| 4 | 4184.00 | -56.04 | RMS      | 33.63      | -48.55 | 0.42     | -95.23 | 53.69    | -13.00 | -43.04 | Vertical |
| 5 | 5024.00 | -60.53 | RMS      | 34.21      | -46.50 | 0.24     | -95.23 | 46.75    | -13.00 | -47.53 | Vertical |
| 6 | 6696.00 | -55.18 | RMS      | 35.59      | -42.48 | 0.67     | -95.23 | 46.27    | -13.00 | -42.18 | Vertical |
| 7 | 8368.00 | -58.64 | RMS      | 35.70      | -42.19 | 0.18     | -95.23 | 42.90    | -13.00 | -45.64 | Vertical |

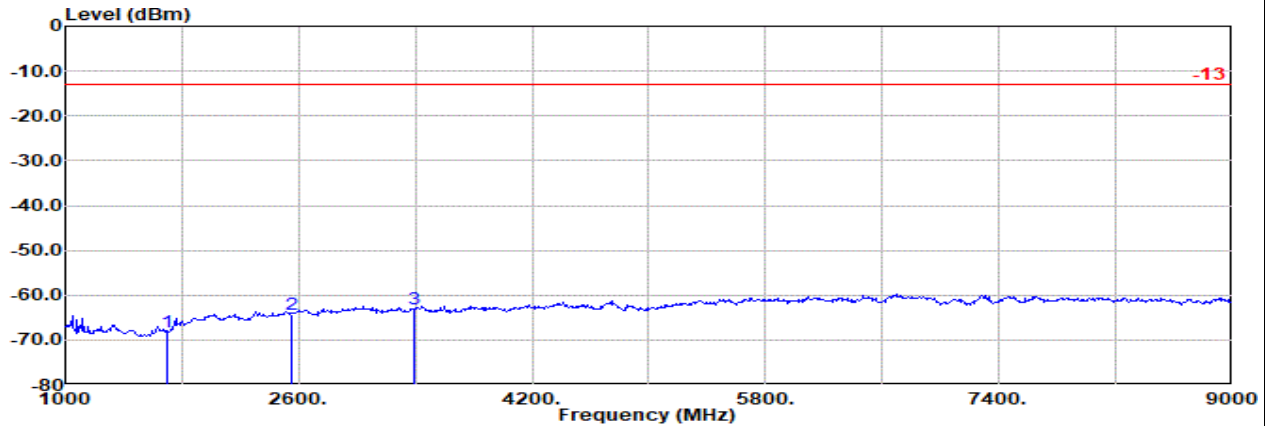


## NB-IoT

## Part 22H Mode 5

## NB-IoT B26 15k Ch27039 1RB0 BPSK

H

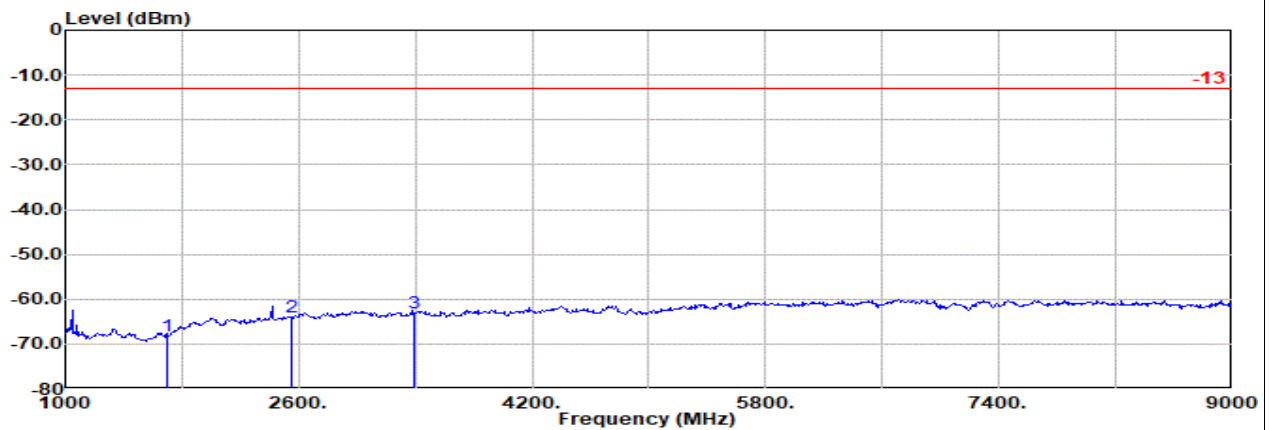


Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Horizontal

Mode : NB IOT Band 26 15K CH27039 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1698.00 | -68.10 | RMS      | 28.78      | -52.00 | 0.31   | -95.23 | 50.04    | -13.00 | -55.10 | Horizontal |
| 2 | 2547.00 | -64.33 | RMS      | 32.57      | -50.27 | 0.20   | -95.23 | 48.40    | -13.00 | -51.33 | Horizontal |
| 3 | 3396.00 | -63.10 | RMS      | 33.08      | -49.13 | 0.15   | -95.23 | 48.03    | -13.00 | -50.10 | Horizontal |



Site : 03CH07-HY

Condition: -13 3m HF\_ANT\_00075962 Vertical

Mode : NB IOT Band 26 15K CH27039 1RB0 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB     | dB     | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1698.00 | -68.23 | RMS      | 28.78      | -52.00 | 0.31   | -95.23 | 49.91    | -13.00 | -55.23 | Vertical |
| 2 | 2547.00 | -64.09 | RMS      | 32.57      | -50.27 | 0.20   | -95.23 | 48.64    | -13.00 | -51.09 | Vertical |
| 3 | 3396.00 | -63.16 | RMS      | 33.08      | -49.13 | 0.15   | -95.23 | 47.97    | -13.00 | -50.16 | Vertical |