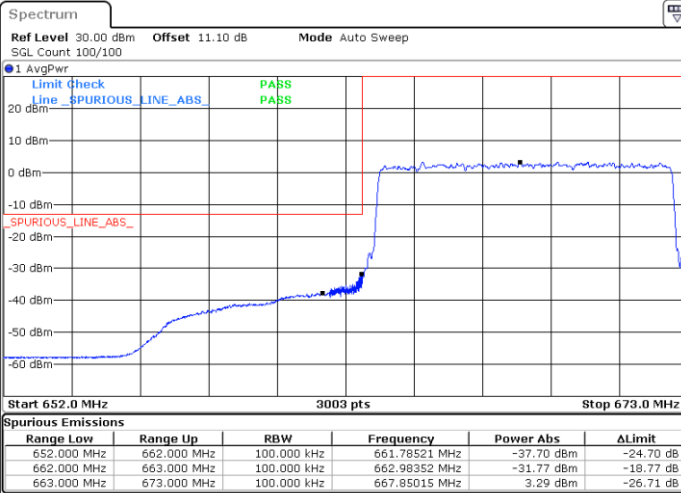


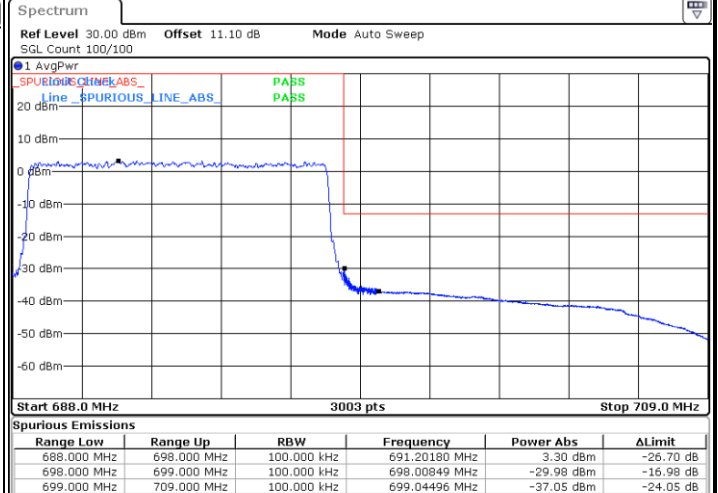


## LTE Band 71 / 10MHz / 64QAM

## Lowest Band Edge / Full RB

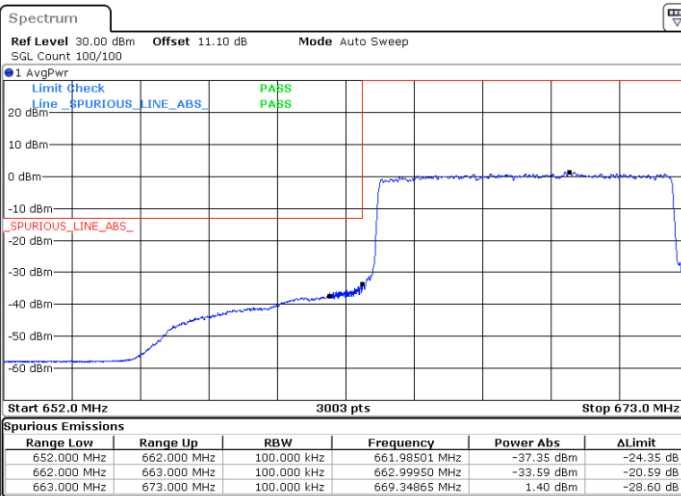


## Highest Band Edge / Full RB

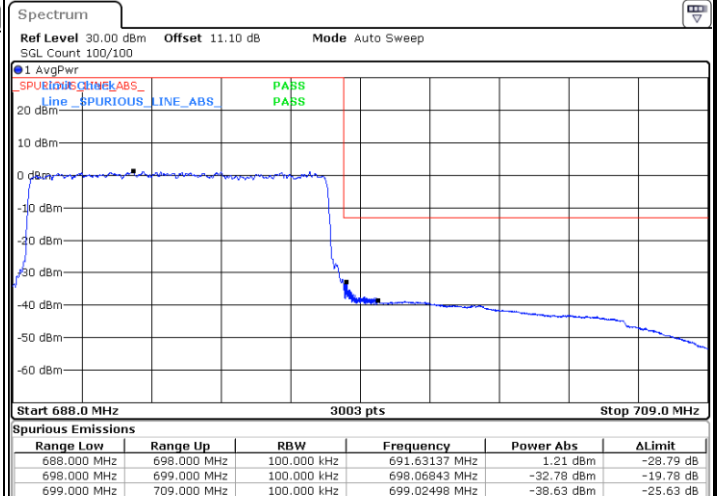


## LTE Band 71 / 10MHz / 256QAM

## Lowest Band Edge / Full RB



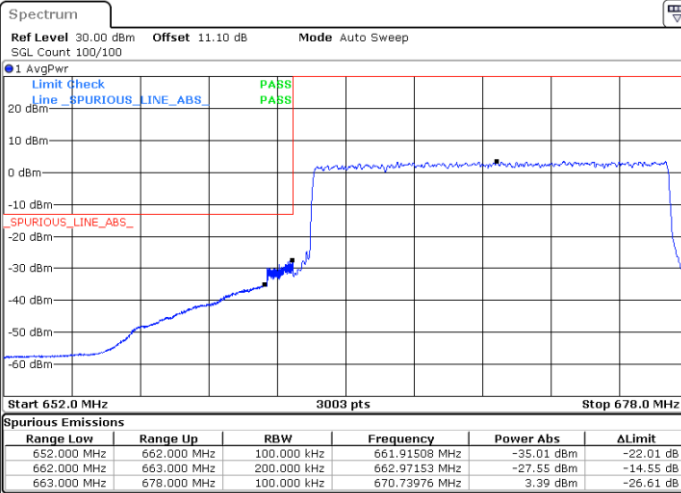
## Highest Band Edge / Full RB



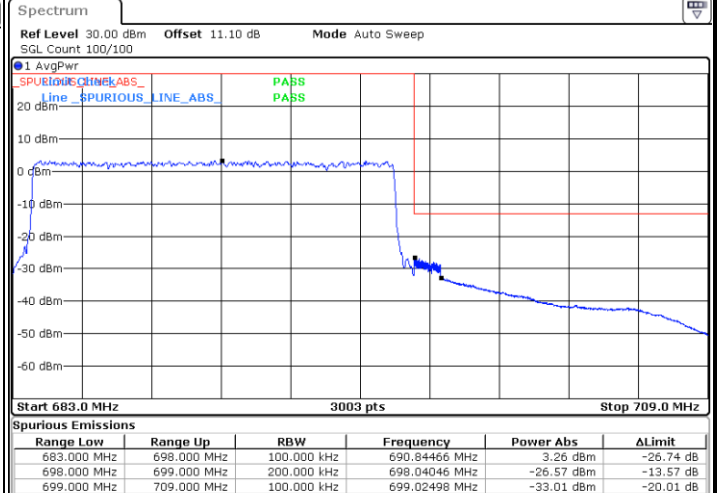


## LTE Band 71 / 15MHz / QPSK

## Lowest Band Edge / Full RB

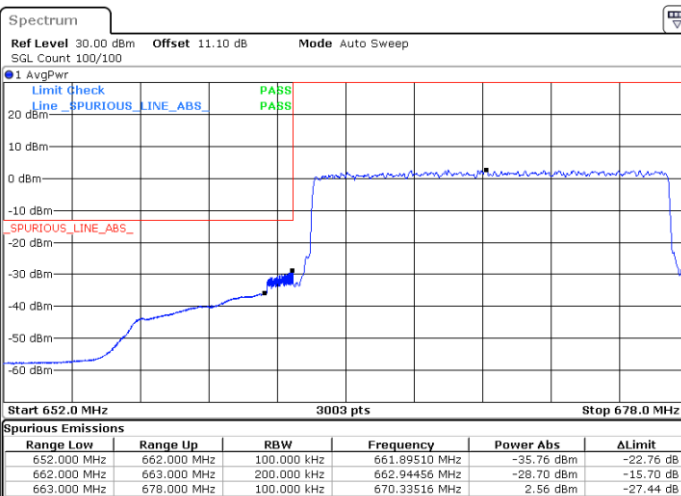


## Highest Band Edge / Full RB

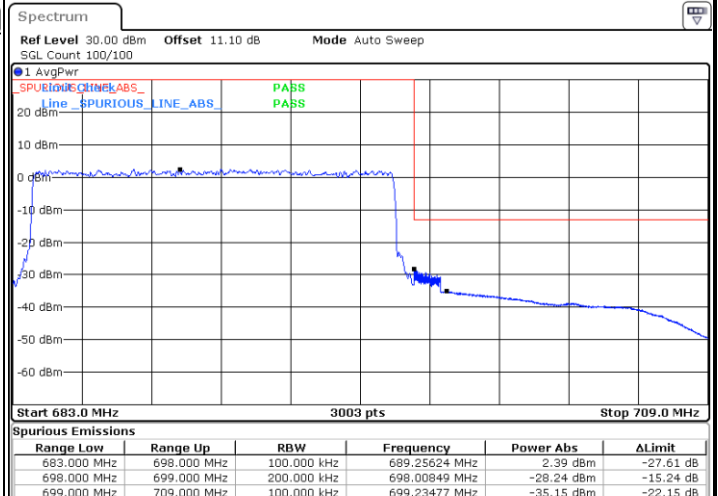


## LTE Band 71 / 15MHz / 16QAM

## Lowest Band Edge / Full RB



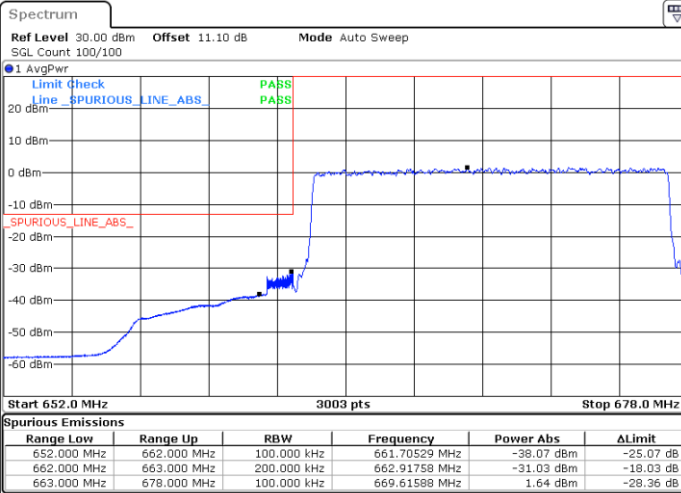
## Highest Band Edge / Full RB



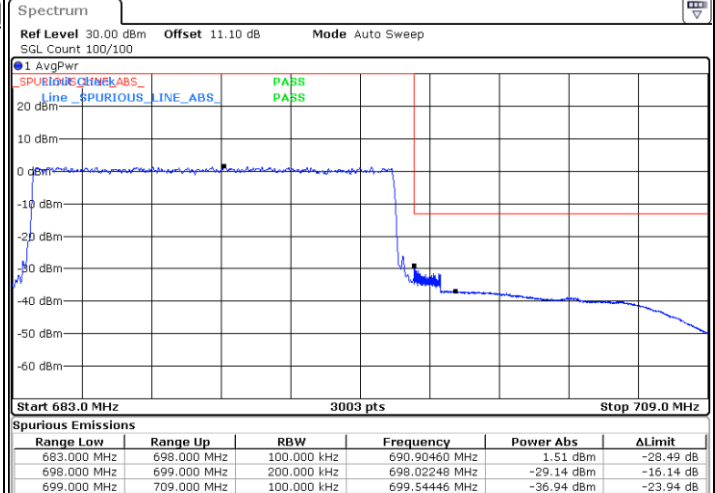


## LTE Band 71 / 15MHz / 64QAM

## Lowest Band Edge / Full RB

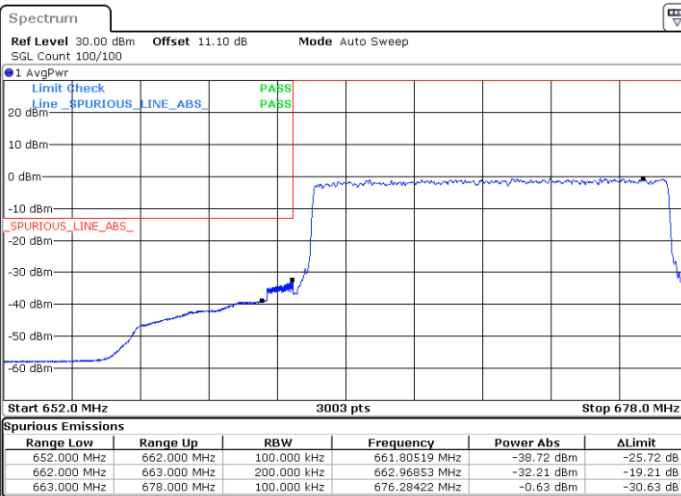


## Highest Band Edge / Full RB

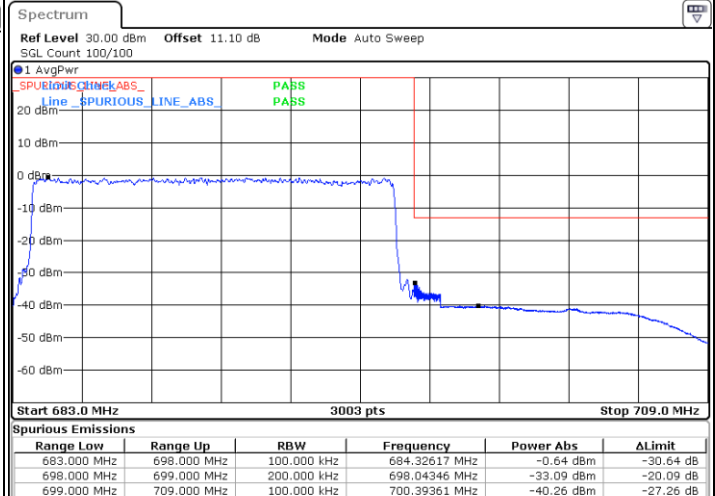


## LTE Band 71 / 15MHz / 256QAM

## Lowest Band Edge / Full RB



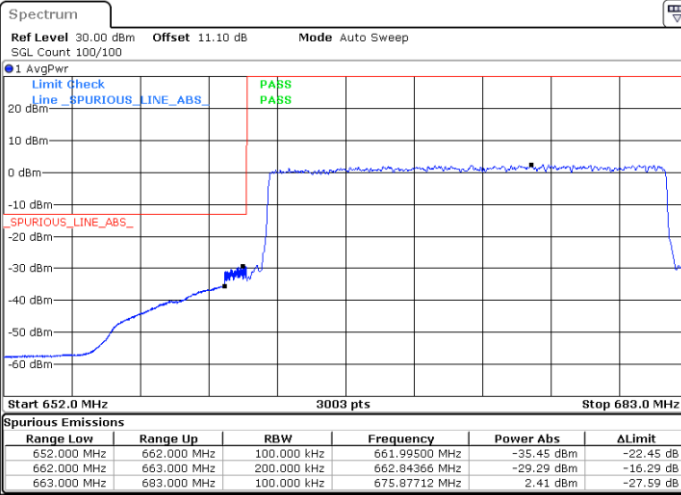
## Highest Band Edge / Full RB



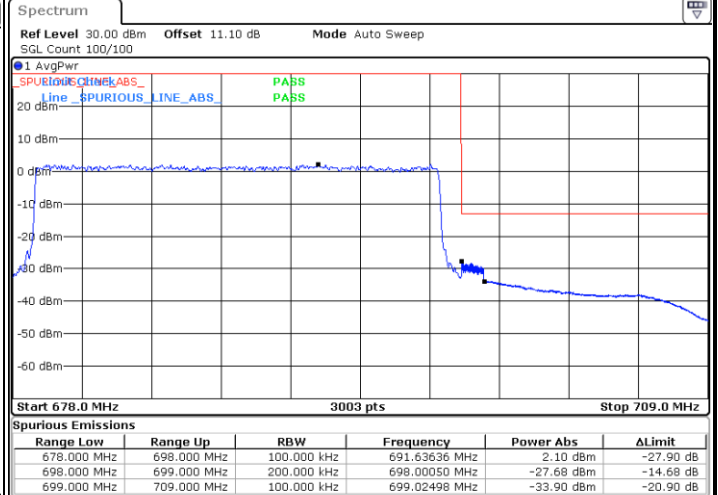


## LTE Band 71 / 20MHz / QPSK

## Lowest Band Edge / Full RB

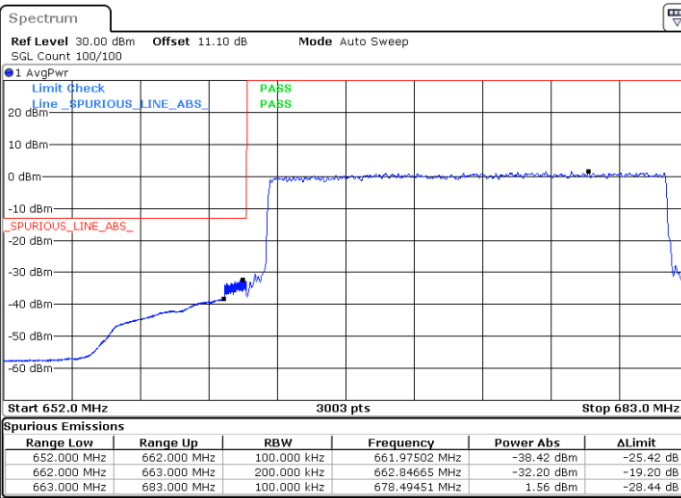


## Highest Band Edge / Full RB

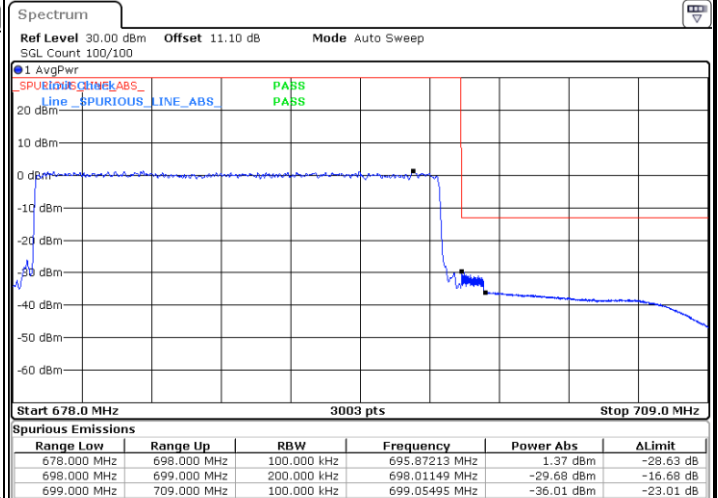


## LTE Band 71 / 20MHz / 16QAM

## Lowest Band Edge / Full RB



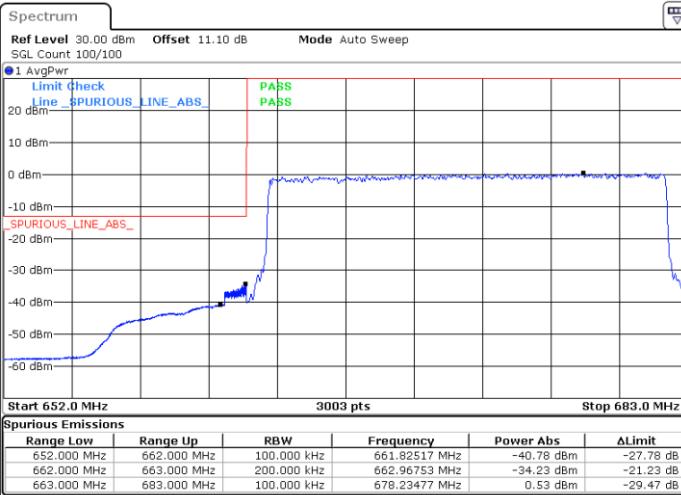
## Highest Band Edge / Full RB



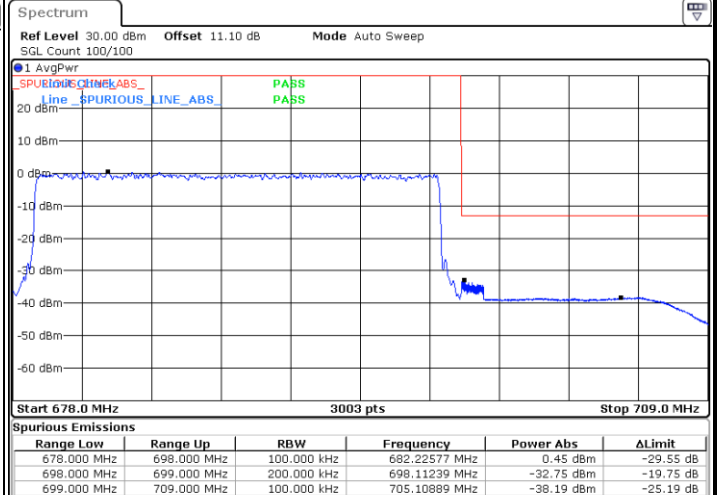


## LTE Band 71 / 20MHz / 64QAM

## Lowest Band Edge / Full RB

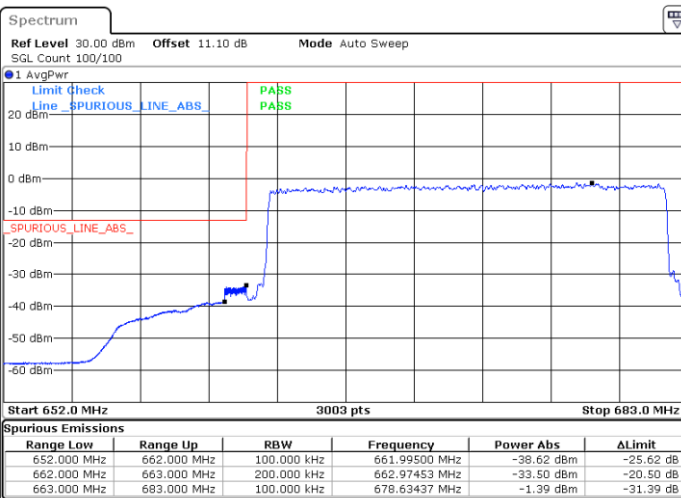


## Highest Band Edge / Full RB

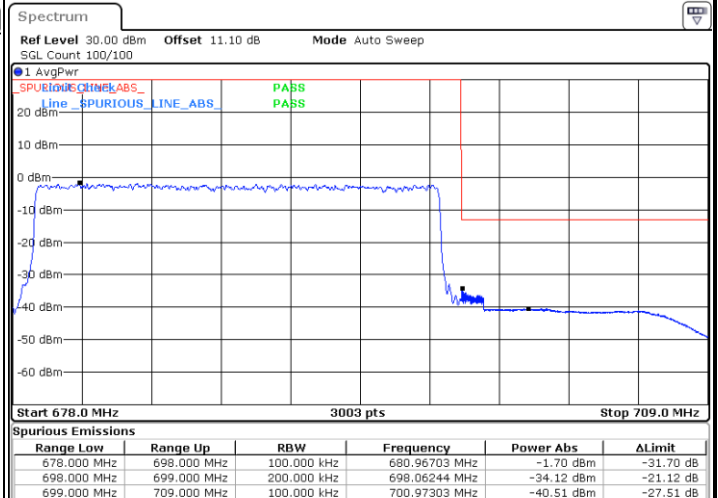


## LTE Band 71 / 20MHz / 256QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

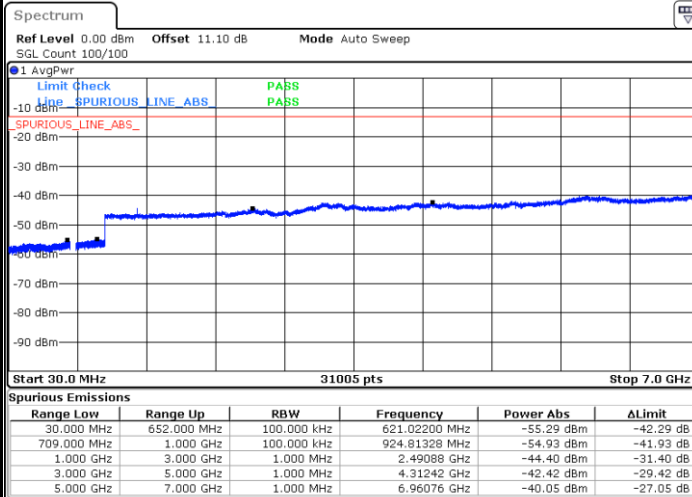




# Conducted Spurious Emission

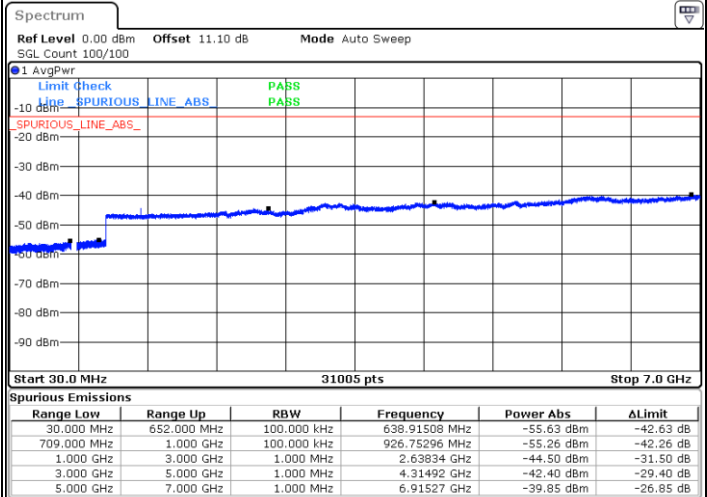
## LTE Band 71 / 5MHz

### Lowest Channel / QPSK



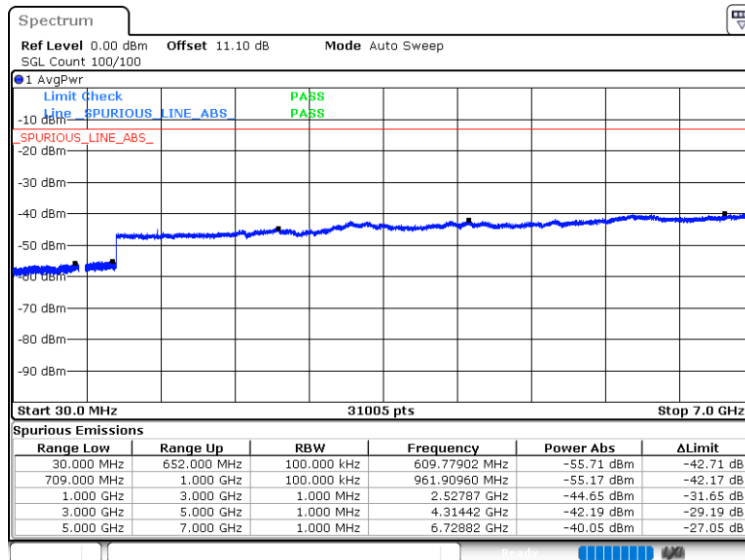
Date: 29.MAY.2024 07:02:13

### Middle Channel / QPSK



Date: 29.MAY.2024 07:05:05

### Highest Channel / QPSK

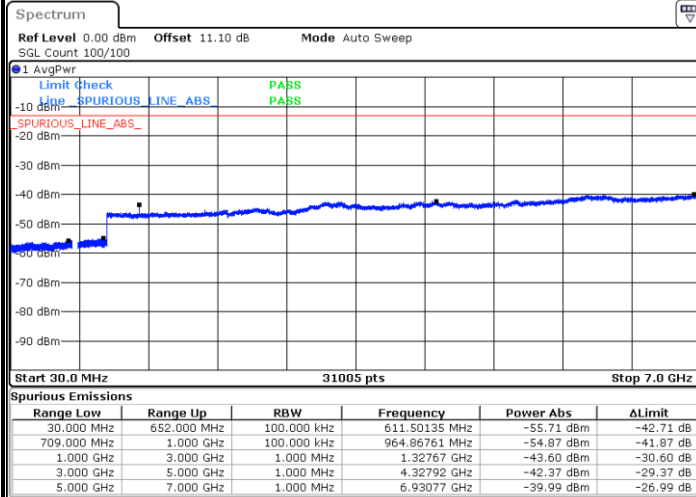


Date: 29.MAY.2024 07:09:54



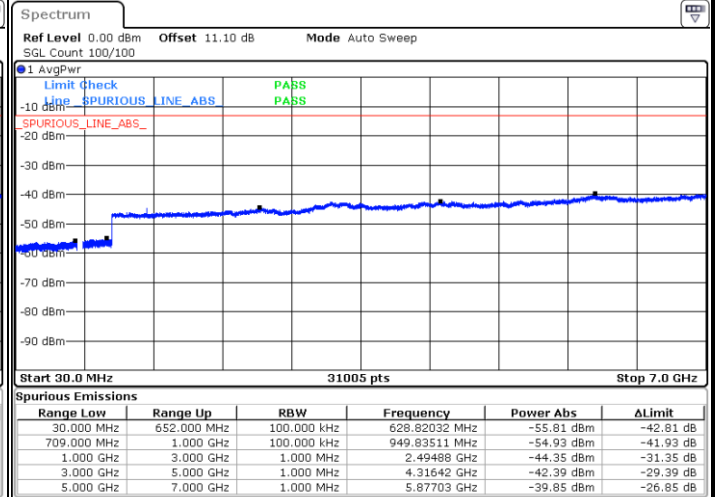
## LTE Band 71 / 10MHz

## Lowest Channel / QPSK



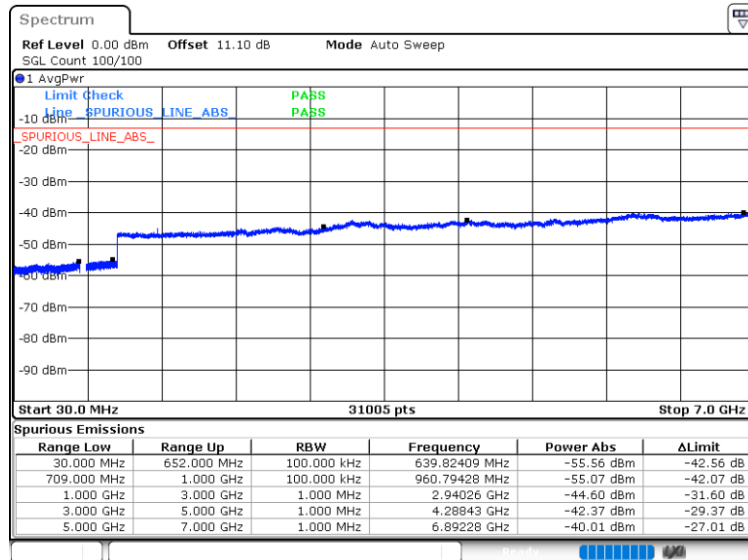
Date: 29.MAY.2024 07:42:26

## Middle Channel / QPSK



Date: 29.MAY.2024 07:43:39

## Highest Channel / QPSK

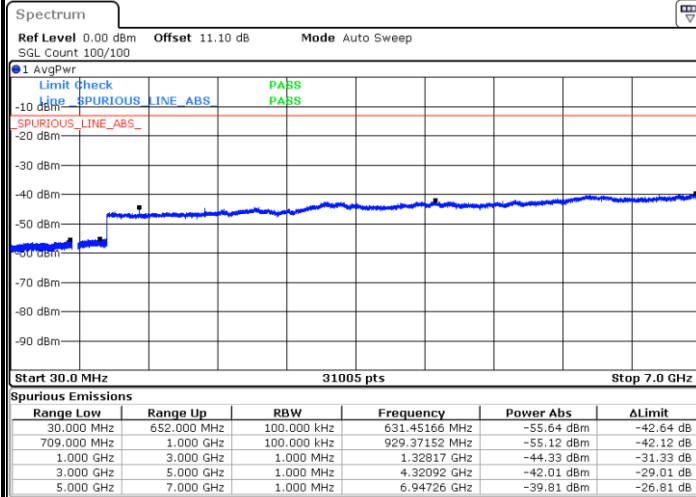


Date: 29.MAY.2024 07:44:52



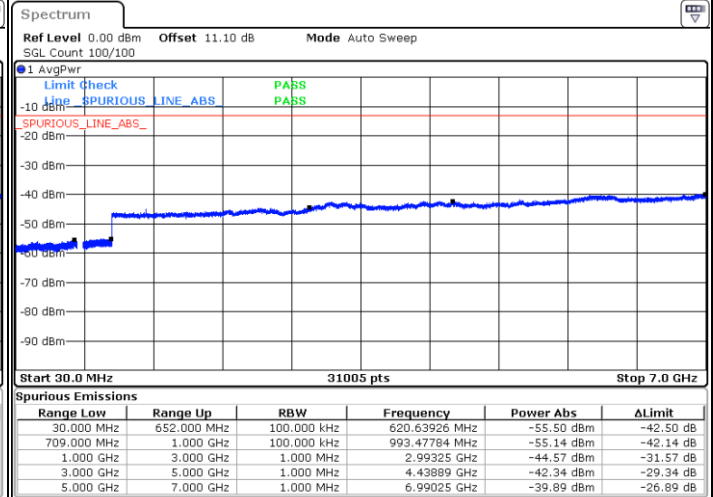
## LTE Band 71 / 15MHz

## Lowest Channel / QPSK



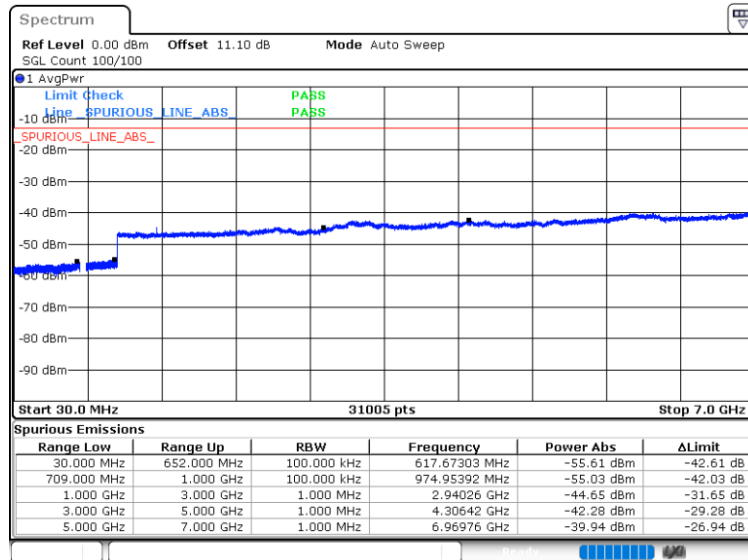
Date: 29.MAY.2024 07:46:48

## Middle Channel / QPSK



Date: 29.MAY.2024 07:48:01

## Highest Channel / QPSK

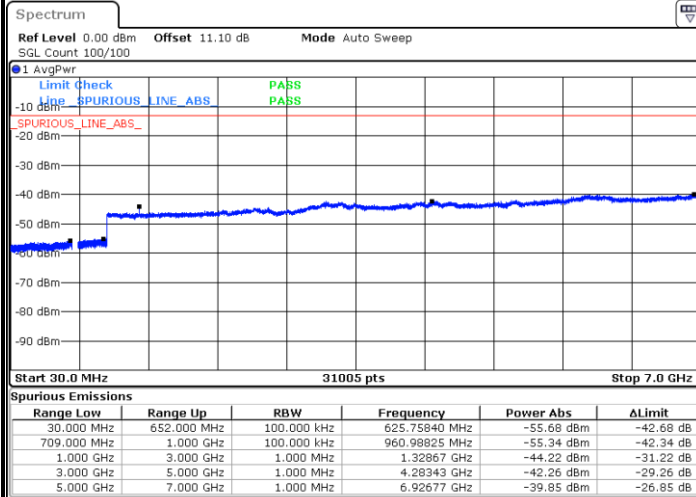


Date: 29.MAY.2024 07:49:13



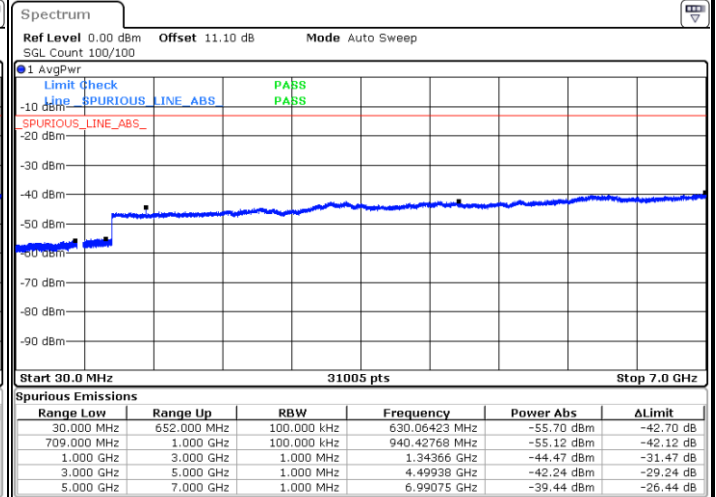
## LTE Band 71 / 20MHz

## Lowest Channel / QPSK



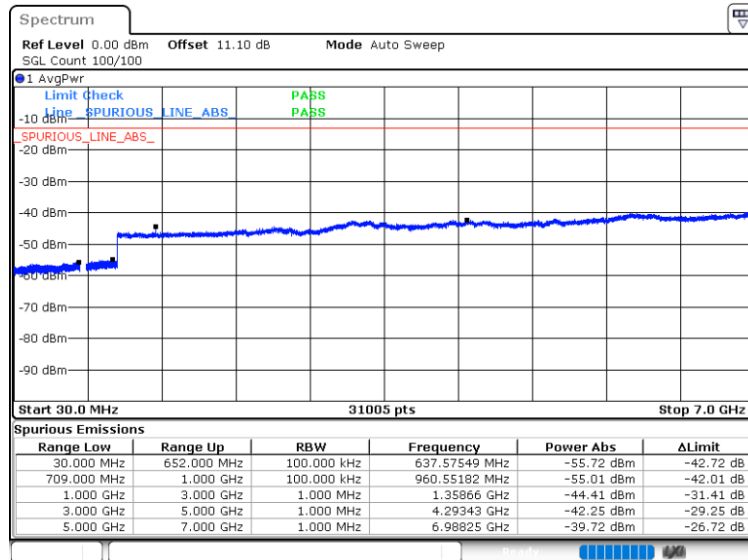
Date: 29.MAY.2024 07:51:09

## Middle Channel / QPSK



Date: 29.MAY.2024 07:52:22

## Highest Channel / QPSK



Date: 29.MAY.2024 07:53:35

## Frequency Stability

| Test Conditions     |                   | LTE Band 71 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation (ppm)                     | Result  |
| 50                  | Normal Voltage    | 0.0054                              | PASS    |
| 40                  | Normal Voltage    | 0.0181                              |         |
| 30                  | Normal Voltage    | 0.0010                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0024                              |         |
| 0                   | Normal Voltage    | 0.0088                              |         |
| -10                 | Normal Voltage    | 0.0044                              |         |
| -20                 | Normal Voltage    | 0.0194                              |         |
| -30                 | Normal Voltage    | 0.0090                              |         |
| 20                  | Maximum Voltage   | 0.0053                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Battery End Point | 0.0081                              |         |

**Note:**

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions     |                   | LTE Band 71 (QPSK) / Middle Channel     | Limit          |
|---------------------|-------------------|-----------------------------------------|----------------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                                | Within<br>Band |
|                     |                   | Frequency Offset ( $\Delta f$ )<br>(Hz) | Result         |
| 50                  | Normal Voltage    | -3.7                                    | PASS           |
| 40                  | Normal Voltage    | 12.3                                    |                |
| 30                  | Normal Voltage    | -0.7                                    |                |
| 20(Ref.)            | Normal Voltage    | 0                                       |                |
| 10                  | Normal Voltage    | 1.6                                     |                |
| 0                   | Normal Voltage    | 6                                       |                |
| -10                 | Normal Voltage    | -3                                      |                |
| -20                 | Normal Voltage    | 13.2                                    |                |
| -30                 | Normal Voltage    | 6.1                                     |                |
| 20                  | Maximum Voltage   | -3.6                                    |                |
| 20                  | Normal Voltage    | 0                                       |                |
| 20                  | Battery End Point | -5.5                                    |                |



## Appendix B. Test Results of Radiated Test

### B1. Summary of each worse mode

| Mode | Part     | Band        | Ch | Freq (MHz) | Level (dBm) | Det | Ant Factor (dB) | AmplCbl (dB) | Filter (dB) | EIRPCF (dB) | Reading (dBuV) | Limit (dBm) | Margin (dB) | Pol | Ant |
|------|----------|-------------|----|------------|-------------|-----|-----------------|--------------|-------------|-------------|----------------|-------------|-------------|-----|-----|
| 2    | Part 22H | LTE B26     | L  | 3300       | -57.69      | RMS | 29.60           | -25.10       | 0.25        | -95.23      | 32.78          | -13.00      | -44.69      | V   | 0   |
| 3    | Part 22H | LTE CA 5B   | M  | 3346       | -58.03      | RMS | 29.60           | -25.03       | 0.24        | -95.23      | 32.39          | -13.00      | -45.03      | H   | 0   |
| 6    | Part 24E | LTE B25     | M  | 7484       | -48.42      | RMS | 36.23           | -20.78       | 0.60        | -95.23      | 30.76          | -13.00      | -35.42      | H   | 0   |
| 7    | Part 24E | LTE B25     | M  | 7484       | -49.74      | RMS | 36.23           | -20.78       | 0.60        | -95.23      | 29.44          | -13.00      | -36.74      | H   | 3   |
| 8    | Part 24E | LTE B25     | M  | 7484       | -49.31      | RMS | 36.23           | -20.78       | 0.60        | -95.23      | 29.87          | -13.00      | -36.31      | V   | 1   |
| 9    | Part 24E | LTE B25     | M  | 7484       | -49.09      | RMS | 36.23           | -20.78       | 0.60        | -95.23      | 30.09          | -13.00      | -36.09      | H   | 2   |
| 10   | Part 24E | LTE CA B2C  | H  | 7556       | -48.46      | RMS | 36.01           | -20.65       | 0.56        | -95.23      | 30.85          | -13.00      | -35.46      | V   | 0   |
| 11   | Part 24E | LTE CA B2C  | M  | 7516       | -49.10      | RMS | 36.14           | -20.72       | 0.59        | -95.23      | 30.12          | -13.00      | -36.10      | V   | 3   |
| 12   | Part 24E | LTE CA B2C  | M  | 7520       | -49.42      | RMS | 36.12           | -20.71       | 0.58        | -95.23      | 29.82          | -13.00      | -36.42      | H   | 1   |
| 13   | Part 24E | LTE CA B2C  | M  | 7520       | -48.91      | RMS | 36.12           | -20.71       | 0.58        | -95.23      | 30.33          | -13.00      | -35.91      | H   | 2   |
| 31   | Part 27L | LTE B66     | H  | 7044       | -48.57      | RMS | 36.08           | -20.68       | 0.49        | -95.23      | 30.77          | -13.00      | -35.57      | H   | 0   |
| 32   | Part 27L | LTE B66     | M  | 6944       | -49.88      | RMS | 35.80           | -20.62       | 0.46        | -95.23      | 29.71          | -13.00      | -36.88      | H   | 3   |
| 33   | Part 27L | LTE B66     | M  | 6944       | -49.65      | RMS | 35.80           | -20.62       | 0.46        | -95.23      | 29.94          | -13.00      | -36.65      | V   | 1   |
| 34   | Part 27L | LTE B66     | M  | 6944       | -49.76      | RMS | 35.80           | -20.62       | 0.46        | -95.23      | 29.83          | -13.00      | -36.76      | H   | 2   |
| 35   | Part 27L | LTE B70     | M  | 6792       | -50.40      | RMS | 35.88           | -20.66       | 0.45        | -95.23      | 29.16          | -13.00      | -37.40      | V   | 0   |
| 36   | Part 27L | LTE B70     | M  | 6792       | -50.83      | RMS | 35.88           | -20.66       | 0.45        | -95.23      | 28.73          | -13.00      | -37.83      | V   | 3   |
| 37   | Part 27L | LTE B70     | M  | 6792       | -49.72      | RMS | 35.88           | -20.66       | 0.45        | -95.23      | 29.84          | -13.00      | -36.72      | H   | 1   |
| 38   | Part 27L | LTE B70     | M  | 6792       | -50.06      | RMS | 35.88           | -20.66       | 0.45        | -95.23      | 29.50          | -13.00      | -37.06      | H   | 2   |
| 39   | Part 27L | LTE CA 66C  | H  | 7036       | -48.80      | RMS | 36.04           | -20.67       | 0.49        | -95.23      | 30.57          | -13.00      | -35.80      | H   | 0   |
| 40   | Part 27L | LTE CA 66C  | M  | 7016       | -49.06      | RMS | 35.96           | -20.64       | 0.48        | -95.23      | 30.37          | -13.00      | -36.06      | H   | 3   |
| 41   | Part 27L | LTE CA B66C | M  | 7020       | -48.71      | RMS | 35.98           | -20.65       | 0.48        | -95.23      | 30.71          | -13.00      | -35.71      | V   | 1   |



| Mode | Part     | Band         | Ch | Freq (MHz) | Level (dBm) | Det | Ant Factor (dB) | AmplCbl (dB) | Filter (dB) | EIRPCF (dB) | Reading (dBuV) | Limit (dBm) | Margin (dB) | Pol | Ant |
|------|----------|--------------|----|------------|-------------|-----|-----------------|--------------|-------------|-------------|----------------|-------------|-------------|-----|-----|
| 42   | Part 27L | LTE CA B66C  | M  | 7016       | -48.86      | RMS | 35.96           | -20.64       | 0.48        | -95.23      | 30.57          | -13.00      | -35.86      | H   | 2   |
| 51   | Part 27H | LTE B12      | L  | 2798       | -59.45      | RMS | 28.20           | -25.93       | 0.25        | -95.23      | 33.26          | -13.00      | -46.45      | H   | 0   |
| 53   | Part 27F | LTE B13      | M  | 1559       | -63.98      | RMS | 25.10           | -28.72       | 0.46        | -95.23      | 34.41          | -42.15      | -21.83      | H   | 0   |
| 57   | Part 27D | LTE B30      | M  | 9231       | -49.90      | RMS | 38.16           | -42.69       | 0.61        | -95.23      | 49.25          | -40.00      | -9.90       | H   | 0   |
| 58   | Part 27D | LTE B30      | M  | 9240       | -50.08      | RMS | 38.18           | -42.14       | 0.61        | -95.23      | 48.50          | -40.00      | -10.08      | V   | 3   |
| 59   | Part 27D | LTE B30      | M  | 9240       | -50.29      | RMS | 38.18           | -42.14       | 0.61        | -95.23      | 48.29          | -40.00      | -10.29      | V   | 1   |
| 60   | Part 27D | LTE B30      | M  | 6930       | -50.53      | RMS | 35.80           | -43.87       | 0.46        | -95.23      | 52.31          | -40.00      | -10.53      | H   | 2   |
| 65   | Part 27N | LTE B71      | H  | 2716       | -59.36      | RMS | 28.40           | -26.04       | 0.23        | -95.23      | 33.28          | -13.00      | -46.36      | V   | 0   |
| 69   | Part 27M | LTE B7       | H  | 10204      | -45.07      | RMS | 38.72           | -18.02       | 0.57        | -95.23      | 28.89          | -25.00      | -20.07      | V   | 0   |
| 70   | Part 27M | LTE B7       | M  | 10104      | -45.29      | RMS | 38.60           | -18.06       | 0.58        | -95.23      | 28.82          | -25.00      | -20.29      | H   | 1   |
| 71   | Part 27M | LTE B7       | M  | 10104      | -44.44      | RMS | 38.60           | -18.06       | 0.58        | -95.23      | 29.67          | -25.00      | -19.44      | V   | 2   |
| 72   | Part 27M | LTE B7       | M  | 10104      | -45.59      | RMS | 38.60           | -18.06       | 0.58        | -95.23      | 28.52          | -25.00      | -20.59      | H   | 3   |
| 73   | Part 27M | LTE B41 HPUE | H  | 10684      | -44.38      | RMS | 39.30           | -17.95       | 0.56        | -95.23      | 28.94          | -25.00      | -19.38      | V   | 0   |
| 74   | Part 27M | LTE B41 HPUE | M  | 10336      | -44.58      | RMS | 38.77           | -17.98       | 0.57        | -95.23      | 29.29          | -25.00      | -19.58      | V   | 3   |
| 75   | Part 27M | LTE B41 HPUE | M  | 10336      | -44.35      | RMS | 38.77           | -17.98       | 0.57        | -95.23      | 29.52          | -25.00      | -19.35      | H   | 1   |
| 76   | Part 27M | LTE B41 HPUE | M  | 10336      | -44.60      | RMS | 38.77           | -17.98       | 0.57        | -95.23      | 29.27          | -25.00      | -19.60      | V   | 2   |
| 77   | Part 27M | LTE CA B7C   | H  | 10195      | -44.25      | RMS | 38.69           | -18.03       | 0.57        | -95.23      | 29.75          | -25.00      | -19.25      | H   | 0   |
| 78   | Part 27M | LTE CA B7C   | M  | 10135      | -44.67      | RMS | 38.60           | -18.05       | 0.58        | -95.23      | 29.43          | -25.00      | -19.67      | H   | 3   |
| 79   | Part 27M | LTE CA B7C   | M  | 10140      | -44.24      | RMS | 38.60           | -18.04       | 0.58        | -95.23      | 29.85          | -25.00      | -19.24      | H   | 1   |
| 80   | Part 27M | LTE CA B7C   | M  | 10135      | -45.15      | RMS | 38.60           | -18.05       | 0.58        | -95.23      | 28.95          | -25.00      | -20.15      | H   | 2   |
| 81   | Part 27M | LTE CA B41C  | H  | 10675      | -43.63      | RMS | 39.30           | -17.94       | 0.56        | -95.23      | 29.68          | -25.00      | -18.63      | V   | 0   |



| Mode | Part     | Band        | Ch | Freq (MHz) | Level (dBm) | Det | Ant Factor (dB) | Ampl/Cbl (dB) | Filter (dB) | EIRPCF (dB) | Reading (dBuV) | Limit (dBm) | Margin (dB) | Pol | Ant |
|------|----------|-------------|----|------------|-------------|-----|-----------------|---------------|-------------|-------------|----------------|-------------|-------------|-----|-----|
| 82   | Part 27M | LTE CA B41C | M  | 10368      | -43.37      | RMS | 38.80           | -17.97        | 0.57        | -95.23      | 30.46          | -25.00      | -18.37      | V   | 3   |
| 83   | Part 27M | LTE CA B41C | M  | 10372      | -43.05      | RMS | 38.80           | -17.97        | 0.57        | -95.23      | 30.78          | -25.00      | -18.05      | V   | 1   |
| 84   | Part 27M | LTE CA B41C | M  | 10372      | -44.36      | RMS | 38.80           | -17.97        | 0.57        | -95.23      | 29.47          | -25.00      | -19.36      | V   | 2   |
| 117  | Part 27Q | LTE B42     | H  | 14124      | -38.25      | RMS | 40.65           | -16.59        | -0.06       | -95.23      | 32.98          | -13.00      | -25.25      | H   | 2   |
| 118  | Part 27Q | LTE B42     | M  | 13964      | -41.03      | RMS | 40.46           | -16.66        | -0.07       | -95.23      | 30.47          | -13.00      | -28.03      | H   | 0   |
| 119  | Part 27Q | LTE B42     | M  | 13964      | -41.92      | RMS | 40.46           | -16.66        | -0.07       | -95.23      | 29.58          | -13.00      | -28.92      | H   | 1   |
| 120  | Part 27Q | LTE B42     | M  | 13964      | -42.03      | RMS | 40.46           | -16.66        | -0.07       | -95.23      | 29.47          | -13.00      | -29.03      | H   | 3   |
| 121  | Part 27Q | LTE CA B42C | M  | 14004      | -40.91      | RMS | 40.60           | -16.65        | -0.08       | -95.23      | 30.45          | -13.00      | -27.91      | V   | 2   |
| 122  | Part 27Q | LTE CA B42C | M  | 14004      | -38.27      | RMS | 40.60           | -16.65        | -0.08       | -95.23      | 33.09          | -13.00      | -25.27      | H   | 0   |
| 123  | Part 27Q | LTE CA B42C | M  | 13925      | -40.41      | RMS | 40.40           | -16.67        | -0.07       | -95.23      | 31.16          | -13.00      | -27.41      | H   | 1   |
| 124  | Part 27Q | LTE CA B42C | M  | 14004      | -40.99      | RMS | 40.60           | -16.65        | -0.08       | -95.23      | 30.37          | -13.00      | -27.99      | V   | 3   |
| 141  | Part 27O | LTE B43     | L  | 14804      | -41.24      | RMS | 40.08           | -16.12        | 0.06        | -95.23      | 29.97          | -13.00      | -28.24      | V   | 2   |
| 142  | Part 27O | LTE B43     | L  | 14804      | -41.13      | RMS | 40.08           | -16.12        | 0.06        | -95.23      | 30.08          | -13.00      | -28.13      | V   | 0   |
| 143  | Part 27O | LTE B43     | M  | 14964      | -41.43      | RMS | 39.50           | -15.96        | 0.09        | -95.23      | 30.17          | -13.00      | -28.43      | V   | 1   |
| 144  | Part 27O | LTE B43     | M  | 11223      | -41.58      | RMS | 38.99           | -17.92        | 0.29        | -95.23      | 32.29          | -13.00      | -28.58      | V   | 3   |
| 145  | Part 27O | LTE CA B43C | M  | 11251      | -37.89      | RMS | 39.10           | -17.91        | 0.30        | -95.23      | 35.85          | -13.00      | -24.89      | V   | 2   |
| 146  | Part 27O | LTE CA B43C | L  | 11162      | -37.74      | RMS | 38.90           | -17.93        | 0.29        | -95.23      | 36.23          | -13.00      | -24.74      | V   | 0   |
| 147  | Part 27O | LTE CA B43C | M  | 15003      | -41.15      | RMS | 39.49           | -15.93        | 0.10        | -95.23      | 30.42          | -13.00      | -28.15      | V   | 1   |
| 148  | Part 27O | LTE CA B43C | M  | 15003      | -41.13      | RMS | 39.49           | -15.93        | 0.10        | -95.23      | 30.44          | -13.00      | -28.13      | V   | 3   |
| 55   | Part 90R | LTE B14     | L  | 1576       | -63.21      | RMS | 25.36           | -28.65        | 0.43        | -95.23      | 34.88          | -42.15      | -21.06      | H   | 0   |
| 67   | Part 90S | LTE B26     | H  | 3277       | -57.63      | RMS | 29.65           | -25.14        | 0.26        | -95.23      | 32.83          | -13.00      | -44.63      | V   | 0   |

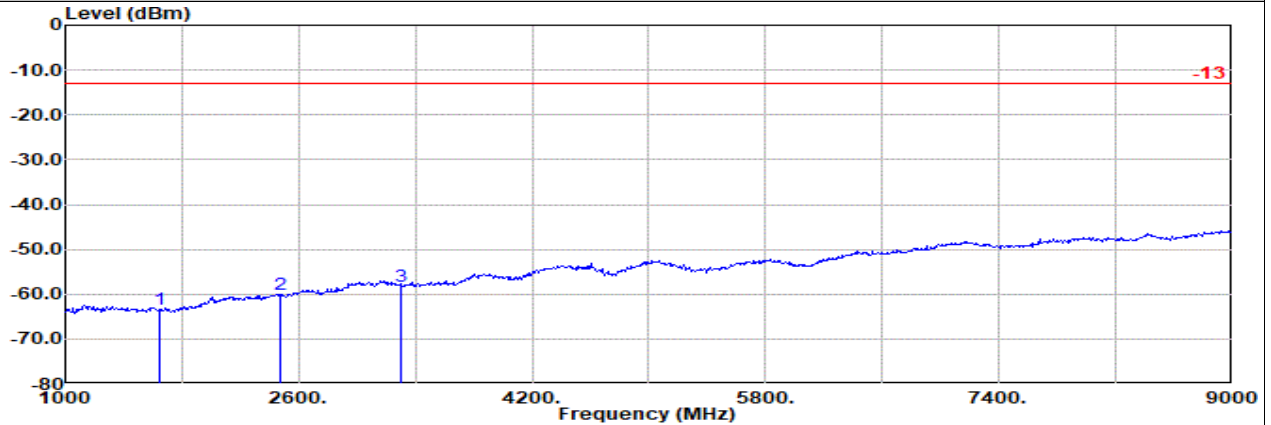


Ant.0

Part 22H Mode 2

LTE B26 15M Ch26865 1RB0 QPSK

L

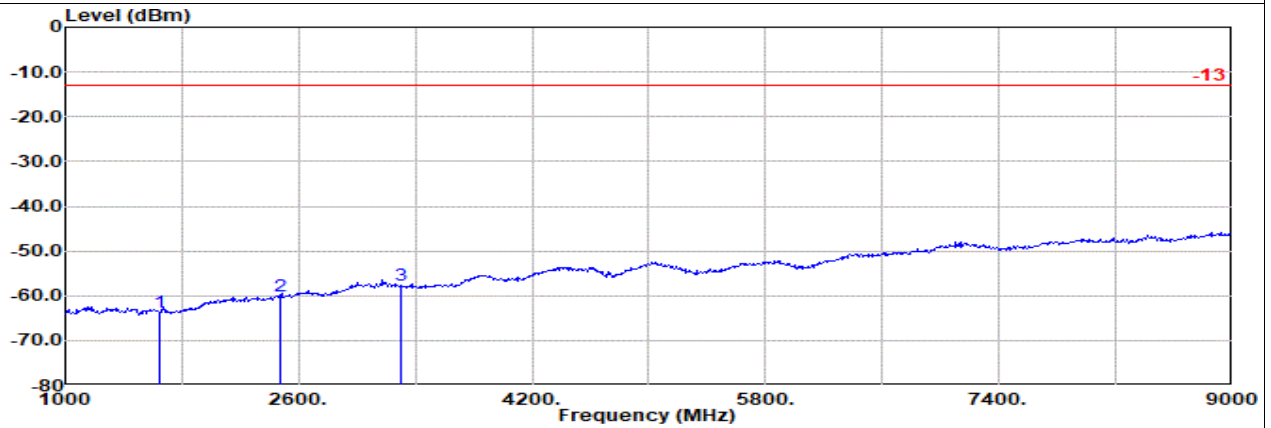


Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Horizontal

: LTE Band 26 15M Ch26865 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 1650.00 | -63.36 | RMS      | 25.20             | -28.42 | 0.35   | -95.23 | 34.74 | -13.00     | -50.36 Horizontal |
| 2 | 2475.00 | -60.21 | RMS      | 27.65             | -26.39 | 0.22   | -95.23 | 33.54 | -13.00     | -47.21 Horizontal |
| 3 | 3300.00 | -58.31 | RMS      | 29.60             | -25.10 | 0.25   | -95.23 | 32.16 | -13.00     | -45.31 Horizontal |

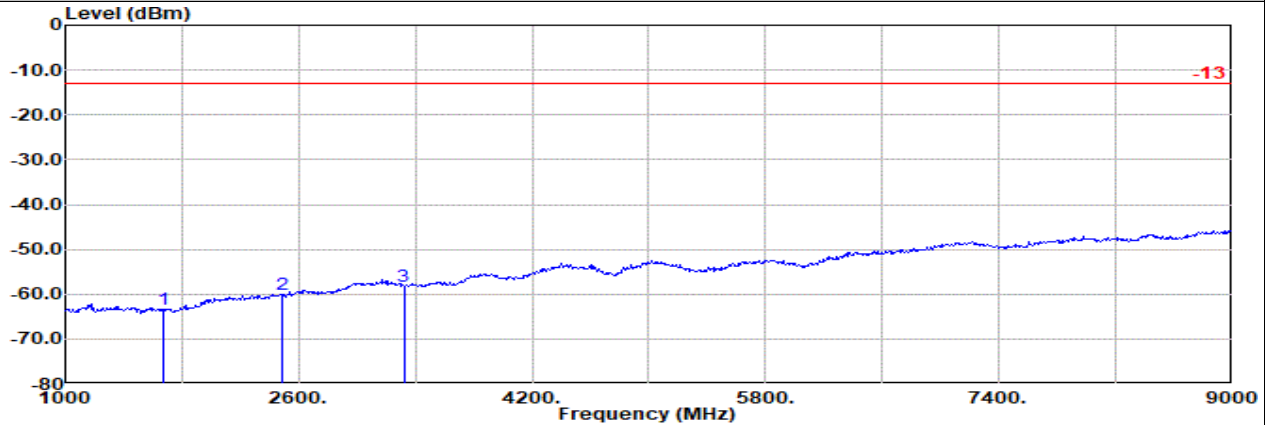


Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Vertical

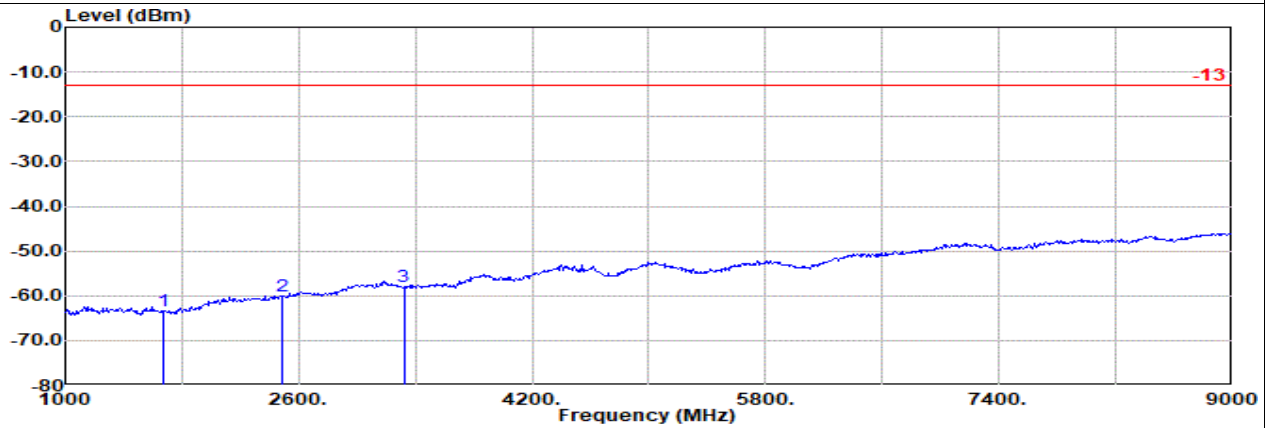
: LTE Band 26 15M Ch26865 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 1650.00 | -63.67 | RMS      | 25.20             | -28.42 | 0.35   | -95.23 | 34.43 | -13.00     | -50.67 Vertical |
| 2 | 2475.00 | -59.94 | RMS      | 27.65             | -26.39 | 0.22   | -95.23 | 33.81 | -13.00     | -46.94 Vertical |
| 3 | 3300.00 | -57.69 | RMS      | 29.60             | -25.10 | 0.25   | -95.23 | 32.78 | -13.00     | -44.69 Vertical |

**Ant.0**
**Part 22H Mode 2**
**LTE B26 15M Ch26915 1RB0 QPSK**
**M**


Site : 03CH11-HY  
 Condition: -13 3m 9120D\_01620\_230817 Horizontal  
 : LTE Band 26 15M Ch26915 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 1670.00 | -63.49 | RMS      | 25.30             | -28.36 | 0.33   | -95.23 | 34.47 | -13.00     | -50.49 Horizontal |
| 2 | 2490.00 | -60.00 | RMS      | 27.70             | -26.36 | 0.22   | -95.23 | 33.67 | -13.00     | -47.00 Horizontal |
| 3 | 3320.00 | -58.23 | RMS      | 29.60             | -25.07 | 0.25   | -95.23 | 32.22 | -13.00     | -45.23 Horizontal |



Site : 03CH11-HY  
 Condition: -13 3m 9120D\_01620\_230817 Vertical  
 : LTE Band 26 15M Ch26915 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 1670.00 | -63.39 | RMS      | 25.30             | -28.36 | 0.33   | -95.23 | 34.57 | -13.00     | -50.39 Vertical |
| 2 | 2490.00 | -60.08 | RMS      | 27.70             | -26.36 | 0.22   | -95.23 | 33.59 | -13.00     | -47.08 Vertical |
| 3 | 3320.00 | -57.84 | RMS      | 29.60             | -25.07 | 0.25   | -95.23 | 32.61 | -13.00     | -44.84 Vertical |

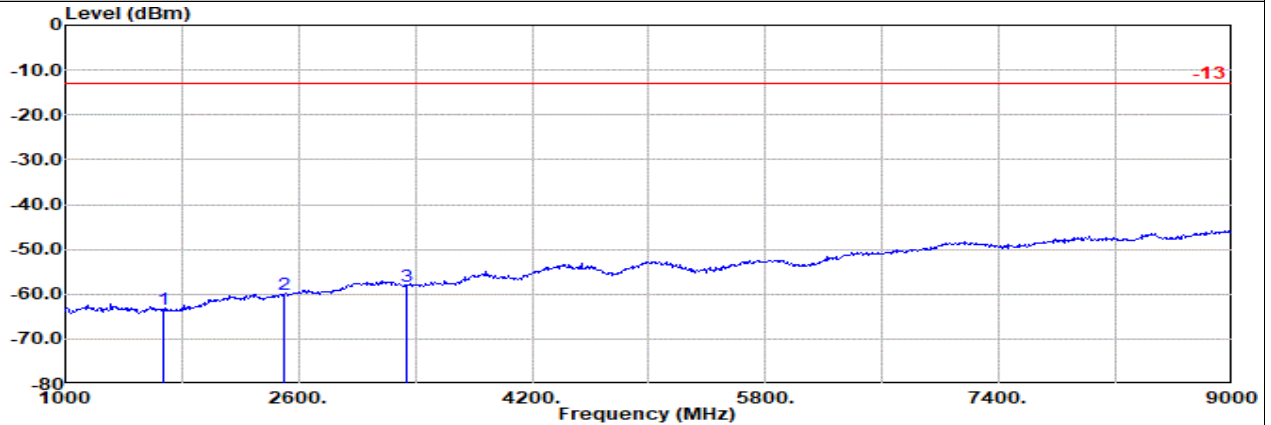


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Part 22H Mode 2

LTE B26 15M Ch26965 1RB0 QPSK

H

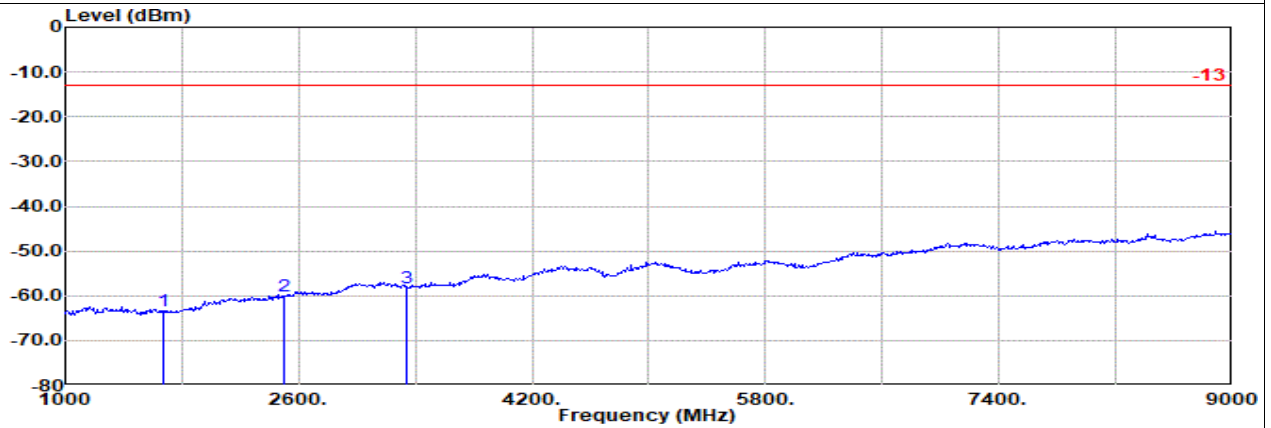


Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Horizontal

: LTE Band 26 15M Ch26965 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 1670.00 | -63.50 | RMS      | 25.30             | -28.36 | 0.33   | -95.23 | 34.46 | -13.00     | -50.50 Horizontal |
| 2 | 2505.00 | -60.17 | RMS      | 27.75             | -26.33 | 0.21   | -95.23 | 33.43 | -13.00     | -47.17 Horizontal |
| 3 | 3340.00 | -58.27 | RMS      | 29.60             | -25.04 | 0.25   | -95.23 | 32.16 | -13.00     | -45.27 Horizontal |



Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Vertical

: LTE Band 26 15M Ch26965 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 1670.00 | -63.31 | RMS      | 25.30             | -28.36 | 0.33   | -95.23 | 34.65 | -13.00     | -50.31 Vertical |
| 2 | 2505.00 | -59.95 | RMS      | 27.75             | -26.33 | 0.21   | -95.23 | 33.65 | -13.00     | -46.95 Vertical |
| 3 | 3340.00 | -58.20 | RMS      | 29.60             | -25.04 | 0.25   | -95.23 | 32.23 | -13.00     | -45.20 Vertical |

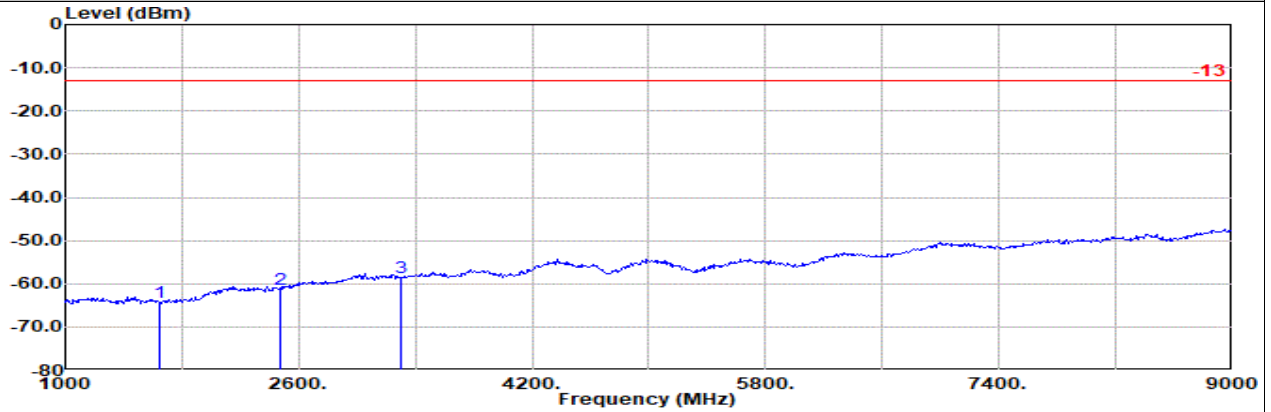


Ant.0

## Part 22H Mode 3

LTE CA 5B 10M + 10M Ch20450 1RB49 QPSK + Ch20549 1RB0 QPSK

L



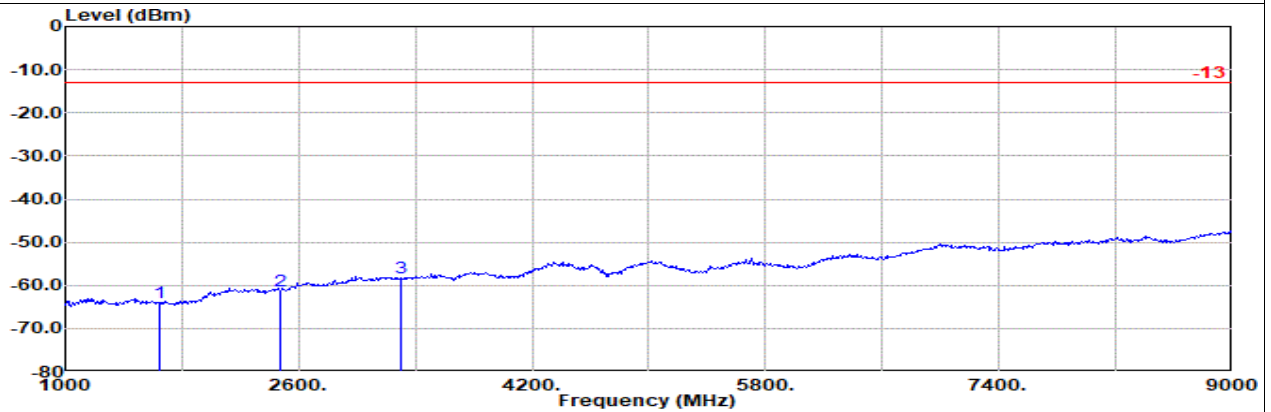
Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Horizontal

: LTE Band 5 10M Ch20450 1RB49 QPSK

: LTE Band 5 10M Ch20549 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF      | Readin | Limit  | Margin Pol |            |
|---|---------|--------|----------|-------------------|--------|-------------|--------|--------|------------|------------|
|   |         |        |          | Factor            | 1      |             | g      |        |            |            |
|   | MHz     | dBm    |          |                   |        |             |        |        |            |            |
| 1 | 1648.00 | -64.20 | RMS      | 25.22             | -28.42 | 0.35 -95.23 | 33.88  | -13.00 | -51.20     | Horizontal |
| 2 | 2472.00 | -61.24 | RMS      | 27.62             | -26.39 | 0.22 -95.23 | 32.54  | -13.00 | -48.24     | Horizontal |
| 3 | 3298.36 | -58.56 | RMS      | 29.60             | -25.10 | 0.26 -95.23 | 31.91  | -13.00 | -45.56     | Horizontal |



Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Vertical

: LTE Band 5 10M Ch20450 1RB49 QPSK

: LTE Band 5 10M Ch20549 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF      | Readin | Limit  | Margin Pol |          |
|---|---------|--------|----------|-------------------|--------|-------------|--------|--------|------------|----------|
|   |         |        |          | Factor            | 1      |             | g      |        |            |          |
|   | MHz     | dBm    |          |                   |        |             |        |        |            |          |
| 1 | 1648.00 | -63.92 | RMS      | 25.22             | -28.42 | 0.35 -95.23 | 34.16  | -13.00 | -50.92     | Vertical |
| 2 | 2473.77 | -61.17 | RMS      | 27.64             | -26.39 | 0.22 -95.23 | 32.59  | -13.00 | -48.17     | Vertical |
| 3 | 3296.00 | -58.39 | RMS      | 29.61             | -25.11 | 0.26 -95.23 | 32.08  | -13.00 | -45.39     | Vertical |

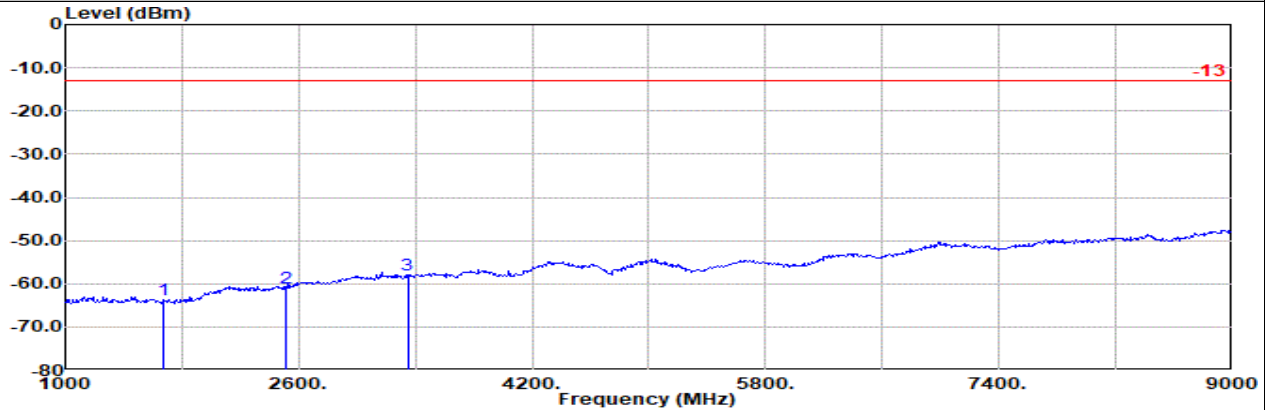


Ant.0

## Part 22H Mode 3

LTE CA 5B 10M + 10M Ch20476 1RB49 QPSK + Ch20575 1RB0 QPSK

M



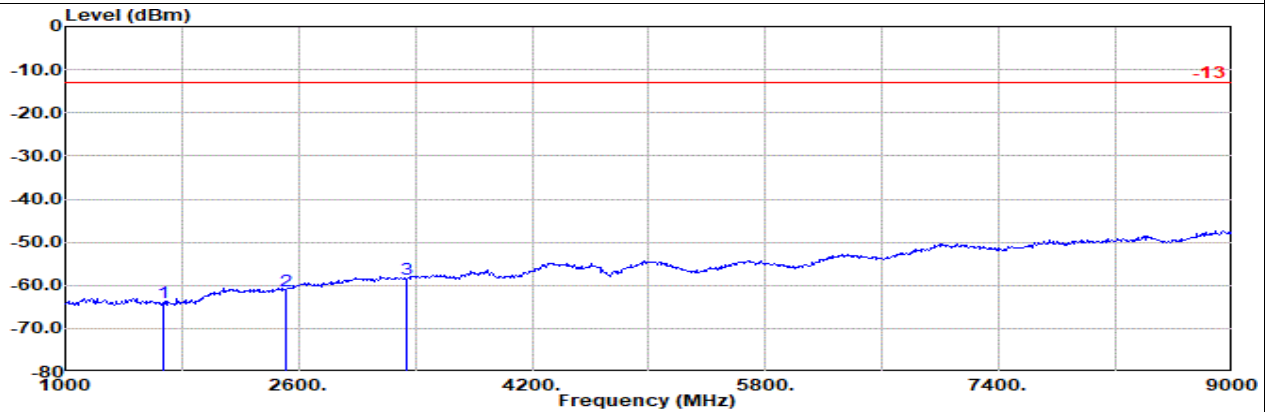
Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Horizontal

: LTE Band 5 10M Ch20476 1RB49 QPSK

: LTE Band 5 10M Ch20575 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |        | Filter | EIRPCF |  | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--|--------|--------|--------|--|------------|
|   |         |        |          | Factor     | 1      |        |        |  |        |        |        |  |            |
|   | MHz     | dBm    |          |            |        |        |        |  | g      |        |        |  |            |
| 1 | 1672.00 | -63.85 | RMS      | 25.30      | -28.35 | 0.33   | -95.23 |  | 34.10  | -13.00 | -50.85 |  | Horizontal |
| 2 | 2512.00 | -60.90 | RMS      | 27.82      | -26.32 | 0.21   | -95.23 |  | 32.62  | -13.00 | -47.90 |  | Horizontal |
| 3 | 3346.00 | -58.03 | RMS      | 29.60      | -25.03 | 0.24   | -95.23 |  | 32.39  | -13.00 | -45.03 |  | Horizontal |



Site : 03CH11-HY

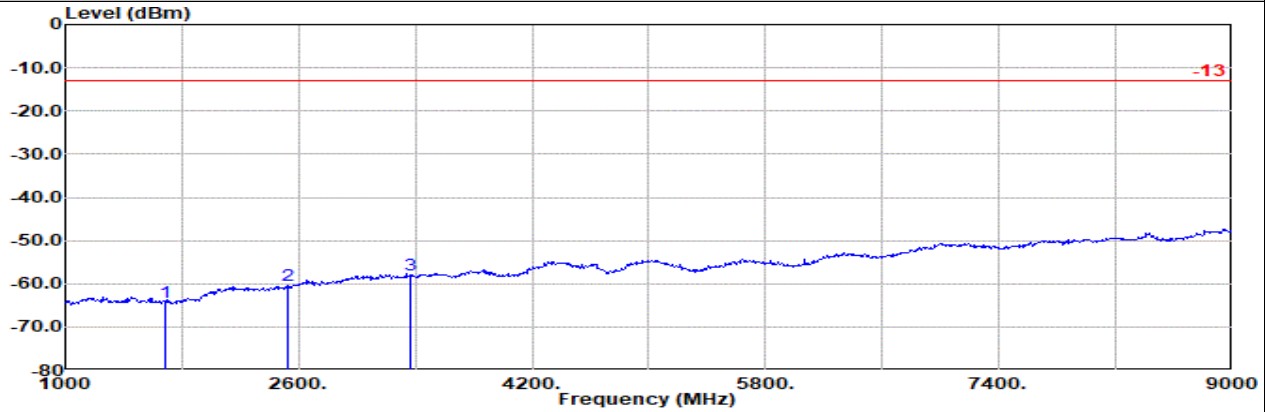
Condition: -13 3m 9120D\_01620\_230817 Vertical

: LTE Band 5 10M Ch20476 1RB49 QPSK

: LTE Band 5 10M Ch20575 1RB0 QPSK

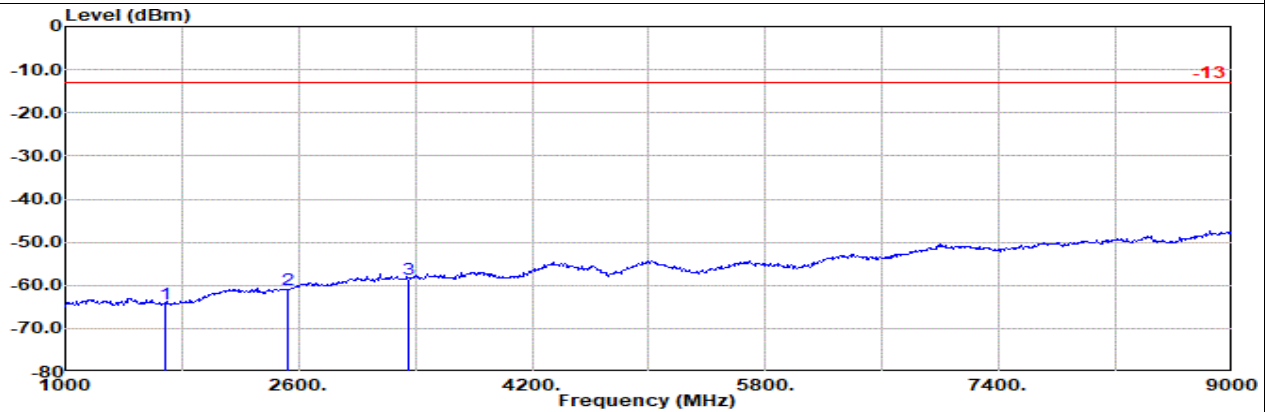
|   | Freq    | Level  | Detector | Ant Amp\Cb |        | Filter | EIRPCF |  | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--|--------|--------|--------|--|----------|
|   |         |        |          | Factor     | 1      |        |        |  |        |        |        |  |          |
|   | MHz     | dBm    |          |            |        |        |        |  | g      |        |        |  |          |
| 1 | 1672.00 | -63.91 | RMS      | 25.30      | -28.35 | 0.33   | -95.23 |  | 34.04  | -13.00 | -50.91 |  | Vertical |
| 2 | 2509.50 | -61.33 | RMS      | 27.80      | -26.32 | 0.21   | -95.23 |  | 32.21  | -13.00 | -48.33 |  | Vertical |
| 3 | 3344.00 | -58.45 | RMS      | 29.60      | -25.03 | 0.24   | -95.23 |  | 31.97  | -13.00 | -45.45 |  | Vertical |

Ant.0

**Part 22H Mode 3**
**LTE CA 5B 10M + 10M Ch20501 1RB49 QPSK + Ch20600 1RB0 QPSK**
**H**


Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 5 10M Ch20501 1RB49 QPSK  
: LTE Band 5 10M Ch20600 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin | Pol    |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|--------|--------|
|   |         |        |          | Factor            | 1      |        |        |       |        |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm    | dB     |
| 1 | 1680.00 | -64.38 | RMS      | 25.30             | -28.33 | 0.32   | -95.23 | 33.56 | -13.00 | -51.38 |
| 2 | 2520.00 | -60.32 | RMS      | 27.90             | -26.31 | 0.21   | -95.23 | 33.11 | -13.00 | -47.32 |
| 3 | 3360.00 | -58.09 | RMS      | 29.58             | -25.00 | 0.24   | -95.23 | 32.32 | -13.00 | -45.09 |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 5 10M Ch20501 1RB49 QPSK  
: LTE Band 5 10M Ch20600 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin | Pol    |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|--------|--------|
|   |         |        |          | Factor            | 1      |        |        |       |        |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm    | dB     |
| 1 | 1680.00 | -64.19 | RMS      | 25.30             | -28.33 | 0.32   | -95.23 | 33.75 | -13.00 | -51.19 |
| 2 | 2520.00 | -60.95 | RMS      | 27.90             | -26.31 | 0.21   | -95.23 | 32.48 | -13.00 | -47.95 |
| 3 | 3358.36 | -58.49 | RMS      | 29.58             | -25.01 | 0.24   | -95.23 | 31.93 | -13.00 | -45.49 |

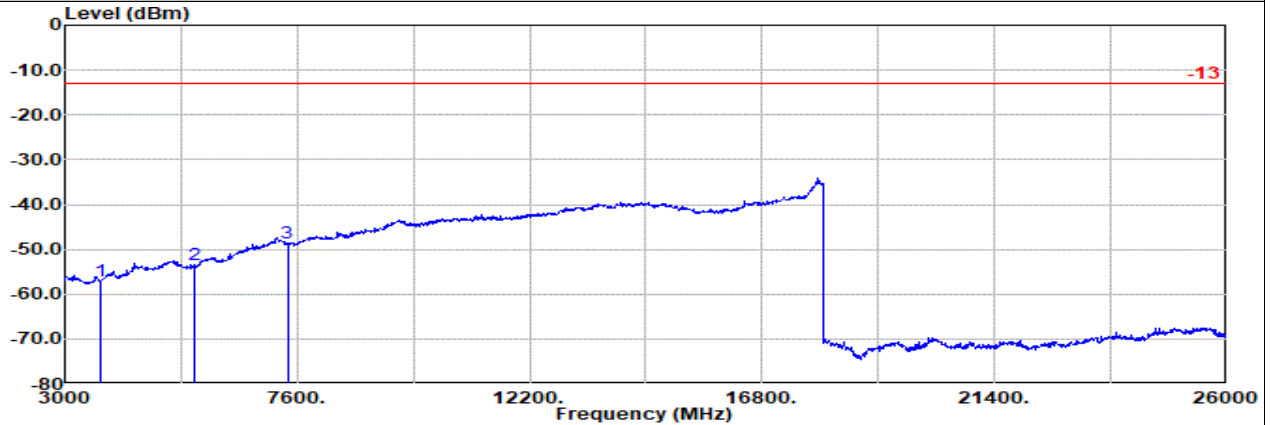


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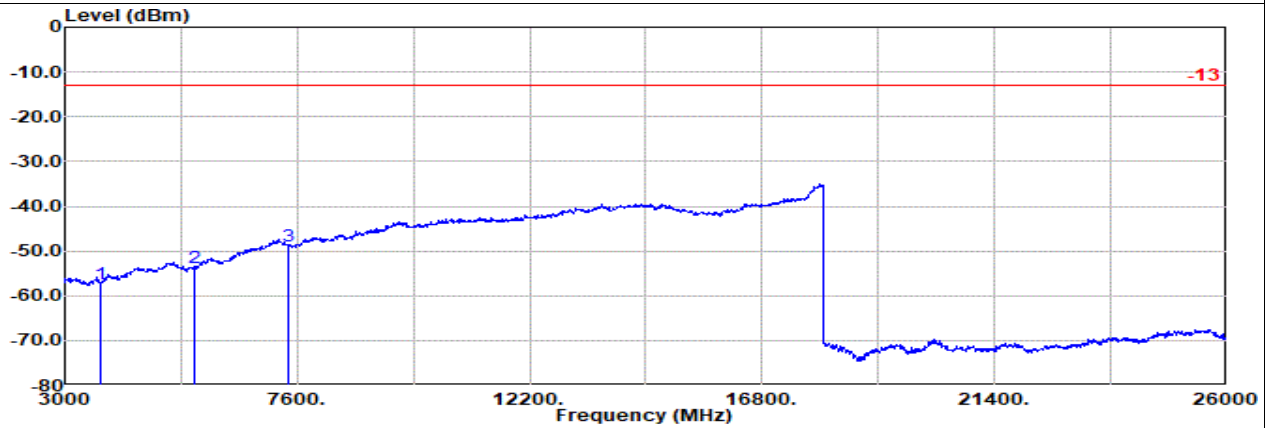
Part 24E Mode 6

LTE B25 20M Ch26140 1RB0 QPSK

L



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 3702.00    | -57.10 | RMS      | 29.62             | -24.42 | 0.76   | -95.23 | 0.00  | -13.00 | -44.10   | Horizontal |     |        |     |
| 2 | 5553.00    | -53.37 | RMS      | 32.91             | -22.15 | 0.51   | -95.23 | 30.59 | -13.00 | -40.37   | Horizontal |     |        |     |
| 3 | 7404.00    | -48.73 | RMS      | 36.39             | -20.92 | 0.65   | -95.23 | 30.38 | -13.00 | -35.73   | Horizontal |     |        |     |



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 3702.00    | -57.28 | RMS      | 29.62             | -24.42 | 0.76   | -95.23 | 31.99 | -13.00 | -44.28   | Vertical |     |        |     |
| 2 | 5553.00    | -53.80 | RMS      | 32.91             | -22.15 | 0.51   | -95.23 | 30.16 | -13.00 | -40.80   | Vertical |     |        |     |
| 3 | 7414.00    | -49.00 | RMS      | 36.37             | -20.90 | 0.64   | -95.23 | 30.12 | -13.00 | -36.00   | Vertical |     |        |     |

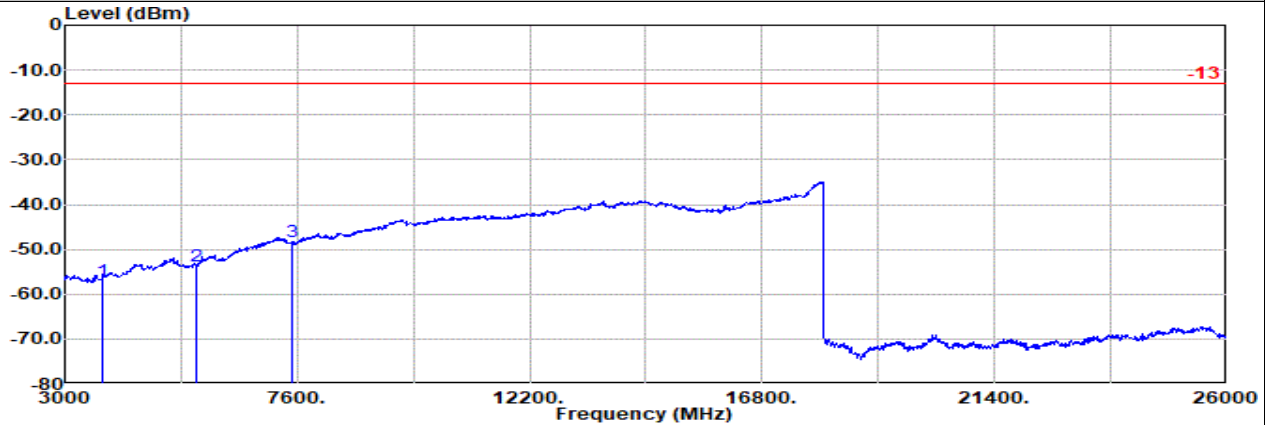


Ant.0

Part 24E Mode 6

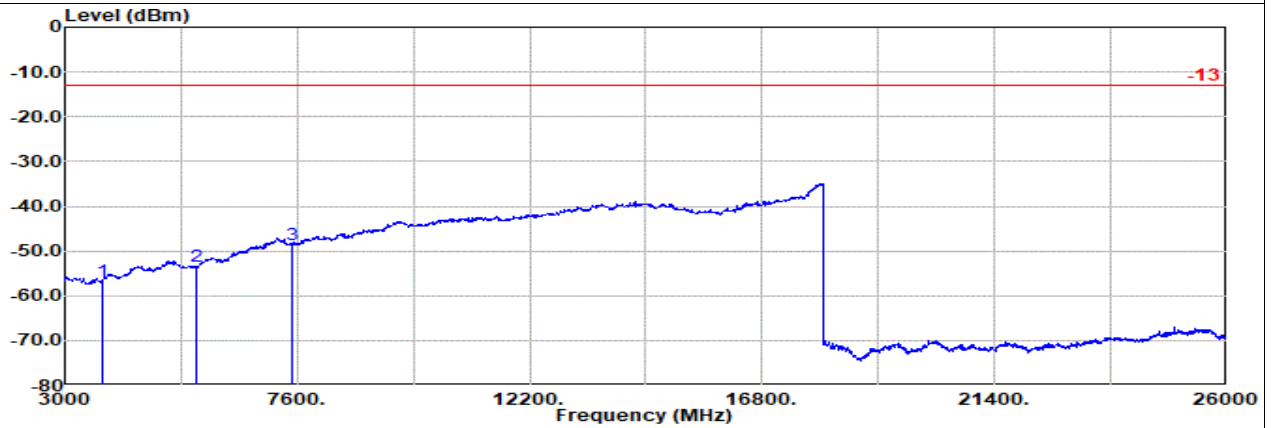
LTE B25 20M Ch26340 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Horizontal  
: LTE Band 25 20M Ch26340 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 3742.00 | -57.01 | RMS      | 29.94             | -24.31 | 0.71   | -95.23 | 31.88 | -13.00     | -44.01 Horizontal |
| 2 | 5613.00 | -53.68 | RMS      | 33.03             | -22.11 | 0.49   | -95.23 | 30.14 | -13.00     | -40.68 Horizontal |
| 3 | 7484.00 | -48.42 | RMS      | 36.23             | -20.78 | 0.60   | -95.23 | 30.76 | -13.00     | -35.42 Horizontal |



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Vertical  
: LTE Band 25 20M Ch26340 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 3742.00 | -56.70 | RMS      | 29.94             | -24.31 | 0.71   | -95.23 | 32.19 | -13.00     | -43.70 Vertical |
| 2 | 5613.00 | -53.58 | RMS      | 33.03             | -22.11 | 0.49   | -95.23 | 30.24 | -13.00     | -40.58 Vertical |
| 3 | 7484.00 | -48.66 | RMS      | 36.23             | -20.78 | 0.60   | -95.23 | 30.52 | -13.00     | -35.66 Vertical |

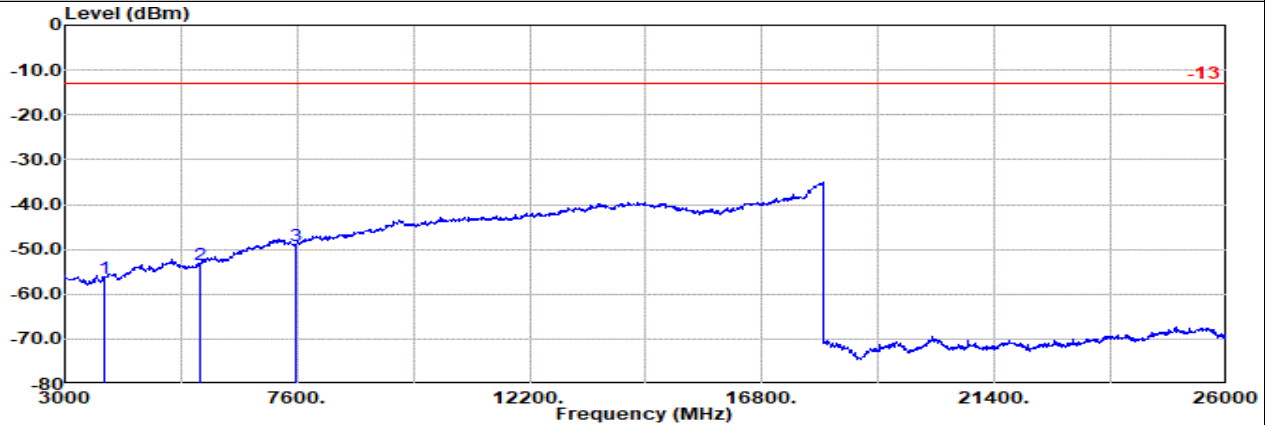


Ant.0

Part 24E Mode 6

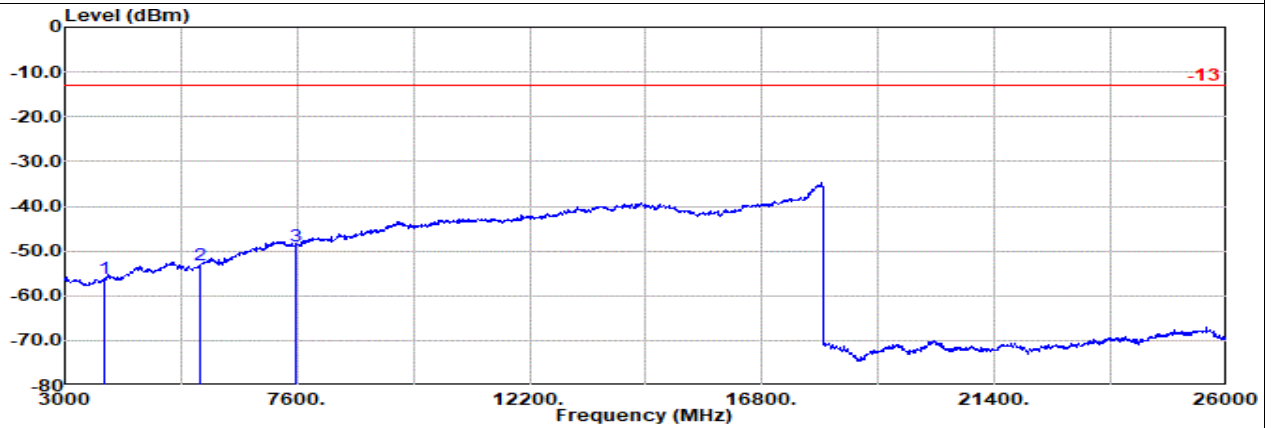
LTE B25 20M Ch26590 1RB0 QPSK

H



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Horizontal  
: LTE Band 25 20M Ch26590 1RB0 QPSK

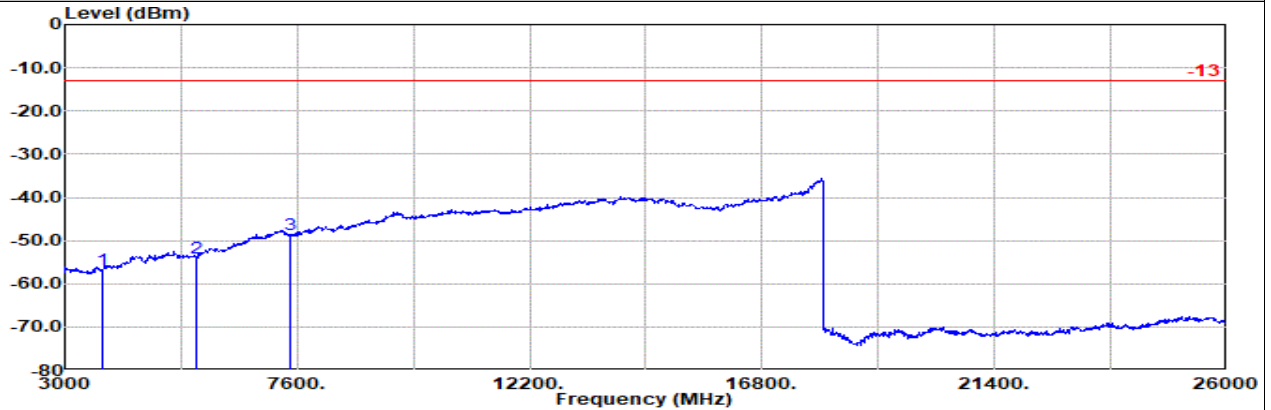
|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 3792.00 | -56.45 | RMS      | 30.42             | -24.16 | 0.66   | -95.23 | 31.86 | -13.00     | -43.45 Horizontal |
| 2 | 5688.00 | -53.36 | RMS      | 33.40             | -22.10 | 0.49   | -95.23 | 30.08 | -13.00     | -40.36 Horizontal |
| 3 | 7584.00 | -49.20 | RMS      | 36.07             | -20.60 | 0.55   | -95.23 | 30.01 | -13.00     | -36.20 Horizontal |



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Vertical  
: LTE Band 25 20M Ch26590 1RB0 QPSK

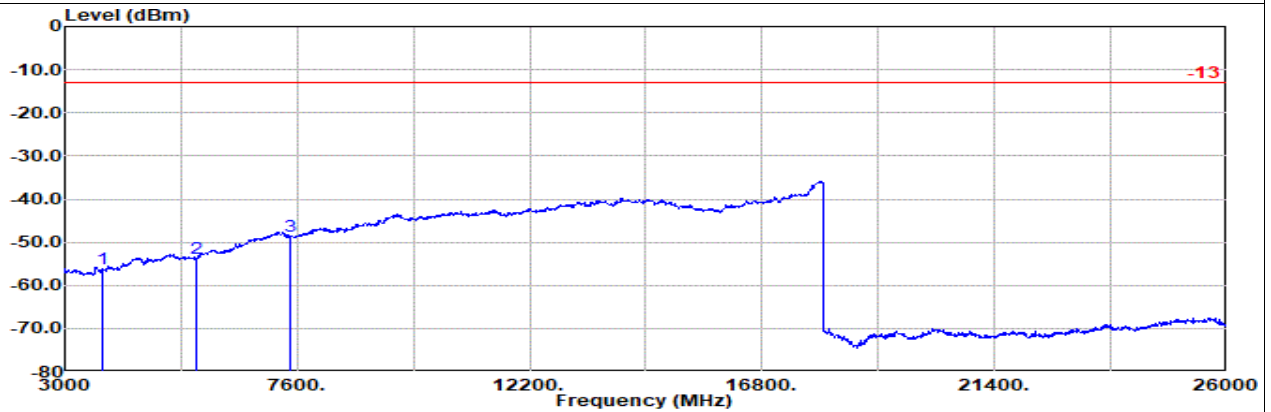
|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 3792.00 | -56.28 | RMS      | 30.42             | -24.16 | 0.66   | -95.23 | 32.03 | -13.00     | -43.28 Vertical |
| 2 | 5688.00 | -53.04 | RMS      | 33.40             | -22.10 | 0.49   | -95.23 | 30.40 | -13.00     | -40.04 Vertical |
| 3 | 7584.00 | -48.88 | RMS      | 36.07             | -20.60 | 0.55   | -95.23 | 30.33 | -13.00     | -35.88 Vertical |

Ant.0

**Part 24E Mode 10**
**LTE CA B2C 20M + 20M Ch18700 1RB99 QPSK + Ch18898 1RB0 QPSK**
**L**


Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Horizontal  
: LTE Band 2 20M Ch18700 1RB99 QPSK  
: LTE Band 2 20M Ch18898 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin Limit |       | Margin Pol |                   |
|---|------------|--------|----------|-------------------|--------|--------|--------------|-------|------------|-------------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g            |       |            |                   |
| 1 | 3738.00    | -56.72 | RMS      | 29.90             | -24.32 | 0.72   | -95.23       | 32.21 | -13.00     | -43.72 Horizontal |
| 2 | 5607.00    | -53.94 | RMS      | 33.01             | -22.11 | 0.49   | -95.23       | 29.90 | -13.00     | -40.94 Horizontal |
| 3 | 7476.00    | -48.65 | RMS      | 36.25             | -20.79 | 0.61   | -95.23       | 30.51 | -13.00     | -35.65 Horizontal |



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Vertical  
: LTE Band 2 20M Ch18700 1RB99 QPSK  
: LTE Band 2 20M Ch18898 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin Limit |       | Margin Pol |                 |
|---|------------|--------|----------|-------------------|--------|--------|--------------|-------|------------|-----------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g            |       |            |                 |
| 1 | 3738.00    | -56.26 | RMS      | 29.90             | -24.32 | 0.72   | -95.23       | 32.67 | -13.00     | -43.26 Vertical |
| 2 | 5607.00    | -53.61 | RMS      | 33.01             | -22.11 | 0.49   | -95.23       | 30.23 | -13.00     | -40.61 Vertical |
| 3 | 7476.00    | -48.68 | RMS      | 36.25             | -20.79 | 0.61   | -95.23       | 30.48 | -13.00     | -35.68 Vertical |

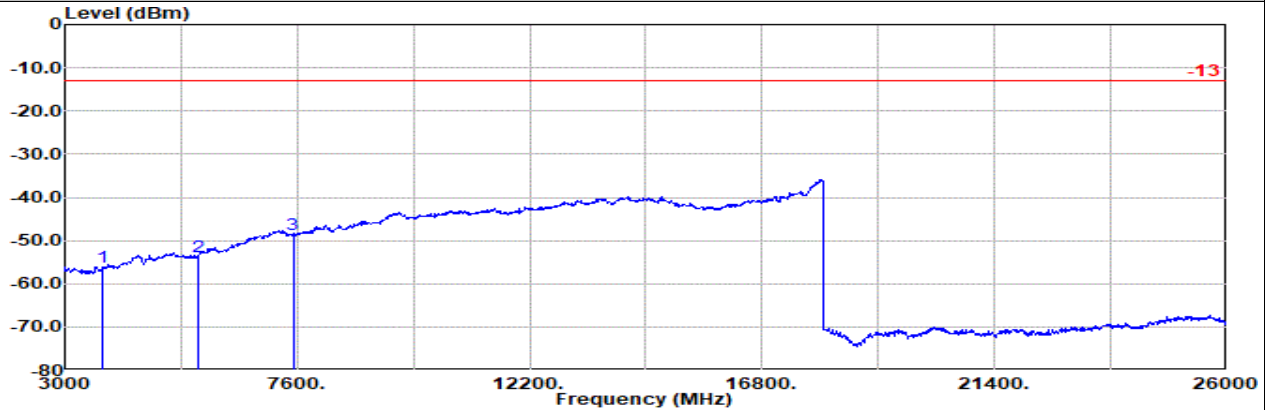


Ant.0

## Part 24E Mode 10

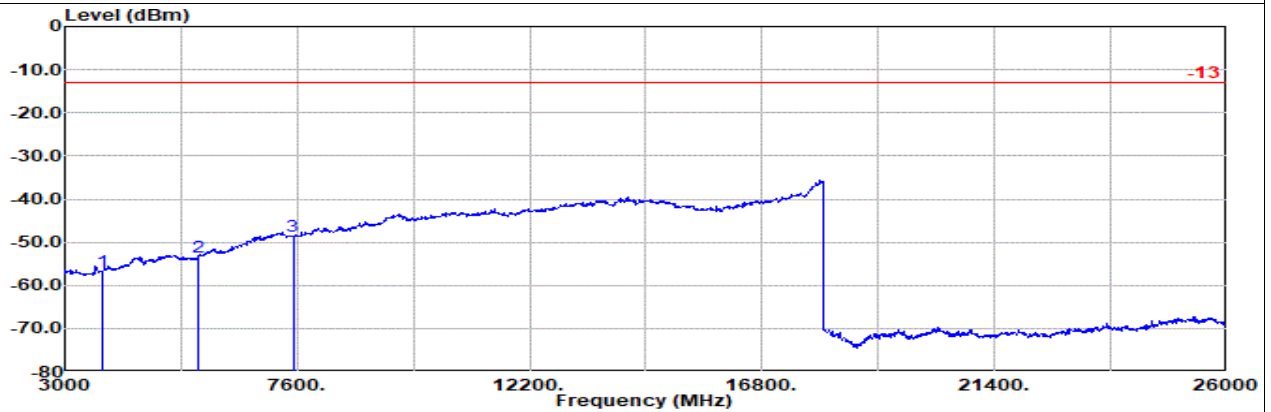
LTE CA B2C 20M + 20M Ch18801 1RB99 QPSK + Ch18999 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Horizontal  
: LTE Band 2 20M Ch18801 1RB99 QPSK  
: LTE Band 2 20M Ch18999 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 3758.00 | -56.13 | RMS      | 30.08             | -24.26 | 0.70   | -95.23 | 32.58 | -13.00     | -43.13 Horizontal |
| 2 | 5637.00 | -53.60 | RMS      | 33.07             | -22.11 | 0.49   | -95.23 | 30.18 | -13.00     | -40.60 Horizontal |
| 3 | 7516.00 | -48.63 | RMS      | 36.14             | -20.72 | 0.59   | -95.23 | 30.59 | -13.00     | -35.63 Horizontal |



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Vertical  
: LTE Band 2 20M Ch18801 1RB99 QPSK  
: LTE Band 2 20M Ch18999 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 3758.00 | -56.88 | RMS      | 30.08             | -24.26 | 0.70   | -95.23 | 31.83 | -13.00     | -43.88 Vertical |
| 2 | 5637.00 | -53.32 | RMS      | 33.07             | -22.11 | 0.49   | -95.23 | 30.46 | -13.00     | -40.32 Vertical |
| 3 | 7516.00 | -48.59 | RMS      | 36.14             | -20.72 | 0.59   | -95.23 | 30.63 | -13.00     | -35.59 Vertical |

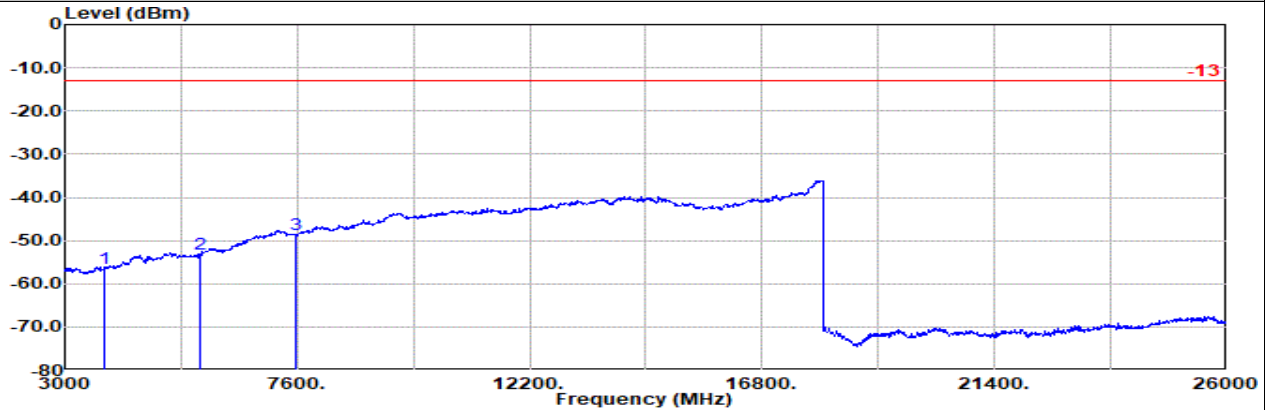


Ant.0

## Part 24E Mode 10

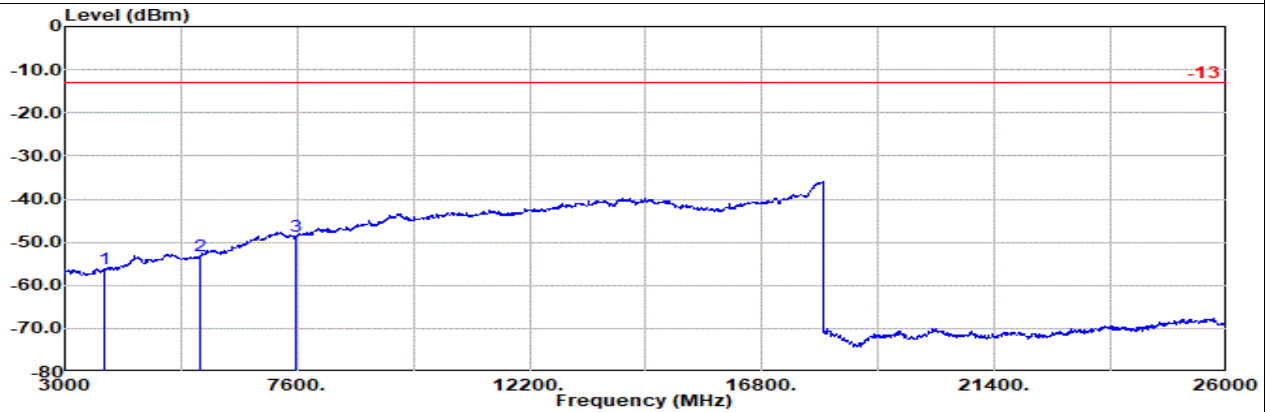
LTE CA B2C 20M + 20M Ch18902 1RB99 QPSK + Ch19100 1RB0 QPSK

H



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Horizontal  
: LTE Band 2 20M Ch18902 1RB99 QPSK  
: LTE Band 2 20M Ch19100 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |            |
| 1 | 3778.00    | -56.33 | RMS      | 30.28             | -24.20 | 0.67   | -95.23   | 32.15 | -13.00 | -43.33 | Horizontal |
| 2 | 5667.00    | -53.27 | RMS      | 33.24             | -22.10 | 0.49   | -95.23   | 30.33 | -13.00 | -40.27 | Horizontal |
| 3 | 7556.00    | -48.61 | RMS      | 36.01             | -20.65 | 0.56   | -95.23   | 30.70 | -13.00 | -35.61 | Horizontal |



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Vertical  
: LTE Band 2 20M Ch18902 1RB99 QPSK  
: LTE Band 2 20M Ch19100 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |          |
| 1 | 3778.00    | -56.27 | RMS      | 30.28             | -24.20 | 0.67   | -95.23   | 32.21 | -13.00 | -43.27 | Vertical |
| 2 | 5667.00    | -53.17 | RMS      | 33.24             | -22.10 | 0.49   | -95.23   | 30.43 | -13.00 | -40.17 | Vertical |
| 3 | 7556.00    | -48.46 | RMS      | 36.01             | -20.65 | 0.56   | -95.23   | 30.85 | -13.00 | -35.46 | Vertical |

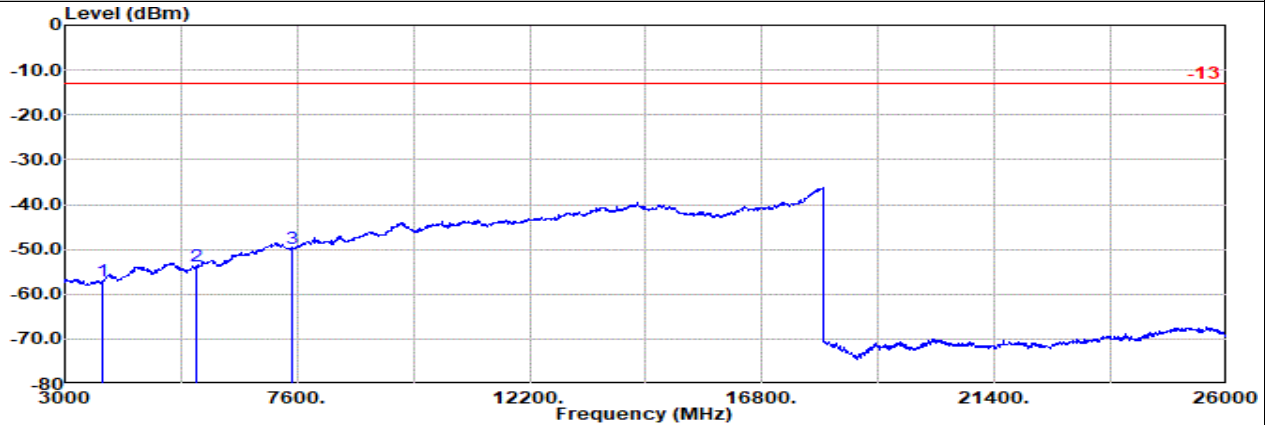


Ant.3

Part 24E Mode 7

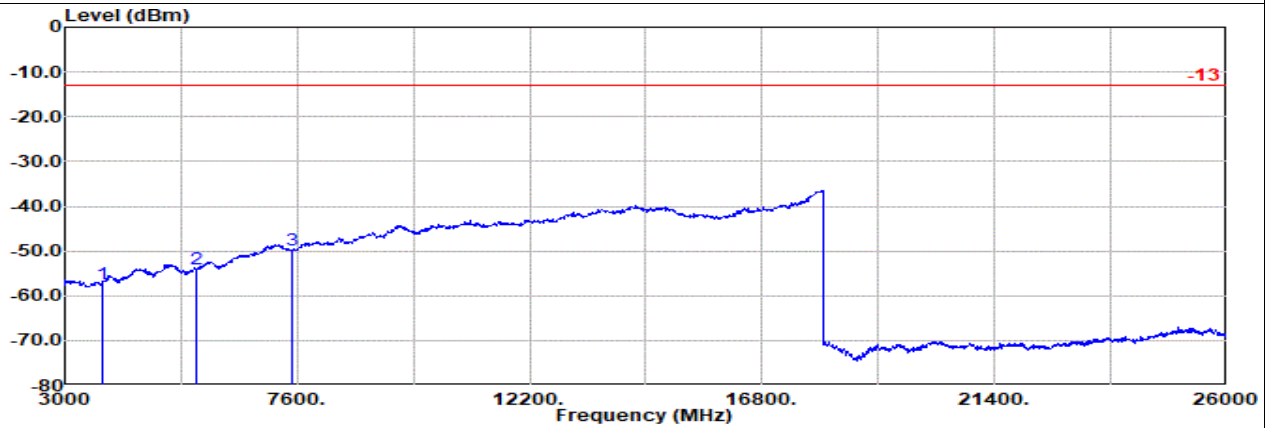
LTE B25 20M Ch26340 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Horizontal  
: LTE Band 25 20M Ch26340 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 3742.18    | -57.18 | RMS      | 29.94             | -24.30 | 0.71   | -95.23 | 31.70 | -13.00 | -44.18   | Horizontal |     |        |     |
| 2 | 5613.27    | -53.82 | RMS      | 33.03             | -22.11 | 0.49   | -95.23 | 30.00 | -13.00 | -40.82   | Horizontal |     |        |     |
| 3 | 7484.36    | -49.74 | RMS      | 36.23             | -20.78 | 0.60   | -95.23 | 29.44 | -13.00 | -36.74   | Horizontal |     |        |     |



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Vertical  
: LTE Band 25 20M Ch26340 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 3742.18    | -57.28 | RMS      | 29.94             | -24.30 | 0.71   | -95.23 | 31.60 | -13.00 | -44.28   | Vertical |     |        |     |
| 2 | 5613.27    | -54.00 | RMS      | 33.03             | -22.11 | 0.49   | -95.23 | 29.82 | -13.00 | -41.00   | Vertical |     |        |     |
| 3 | 7484.36    | -49.83 | RMS      | 36.23             | -20.78 | 0.60   | -95.23 | 29.35 | -13.00 | -36.83   | Vertical |     |        |     |

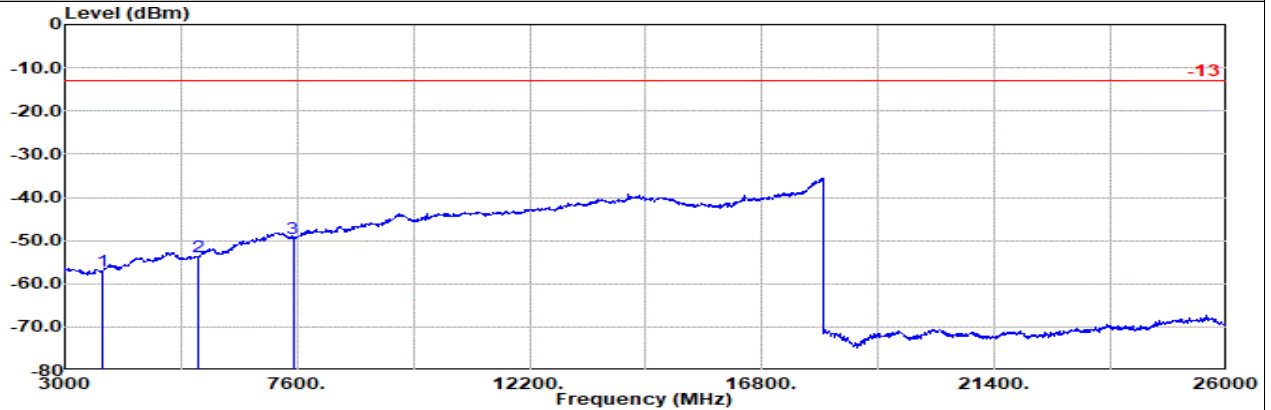


Ant.3

## Part 24E Mode 11

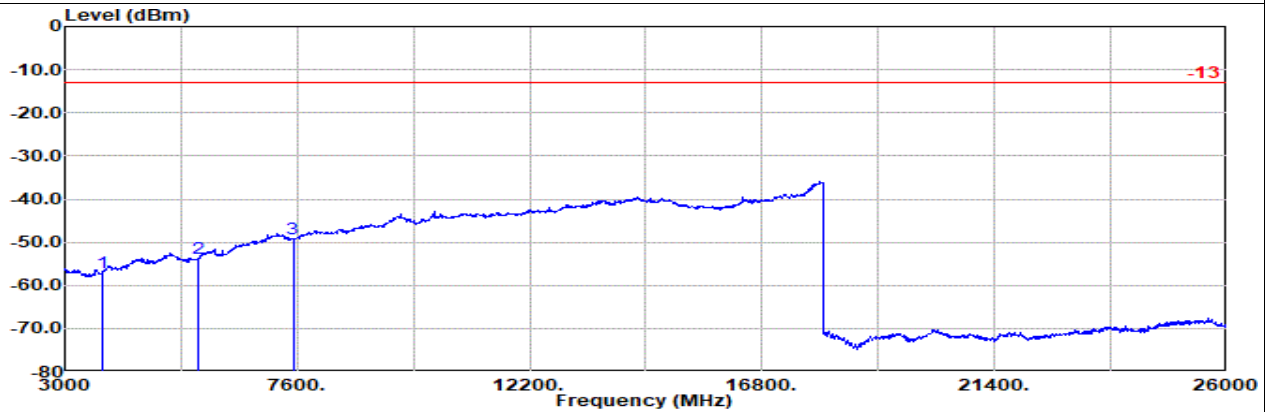
LTE CA B2C 20M + 20M Ch18801 1RB99 QPSK + Ch18999 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Horizontal  
: LTE Band 2 20M Ch18801 1RB99 QPSK  
: LTE Band 2 20M Ch18999 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 3758.00 | -56.92 | RMS      | 30.08             | -24.26 | 0.70   | -95.23 | 31.79 | -13.00     | -43.92 Horizontal |
| 2 | 5637.00 | -53.89 | RMS      | 33.07             | -22.11 | 0.49   | -95.23 | 29.89 | -13.00     | -40.89 Horizontal |
| 3 | 7516.00 | -49.41 | RMS      | 36.14             | -20.72 | 0.59   | -95.23 | 29.81 | -13.00     | -36.41 Horizontal |



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Vertical  
: LTE Band 2 20M Ch18801 1RB99 QPSK  
: LTE Band 2 20M Ch18999 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 3758.00 | -56.91 | RMS      | 30.08             | -24.26 | 0.70   | -95.23 | 31.80 | -13.00     | -43.91 Vertical |
| 2 | 5637.00 | -53.80 | RMS      | 33.07             | -22.11 | 0.49   | -95.23 | 29.98 | -13.00     | -40.80 Vertical |
| 3 | 7516.00 | -49.10 | RMS      | 36.14             | -20.72 | 0.59   | -95.23 | 30.12 | -13.00     | -36.10 Vertical |

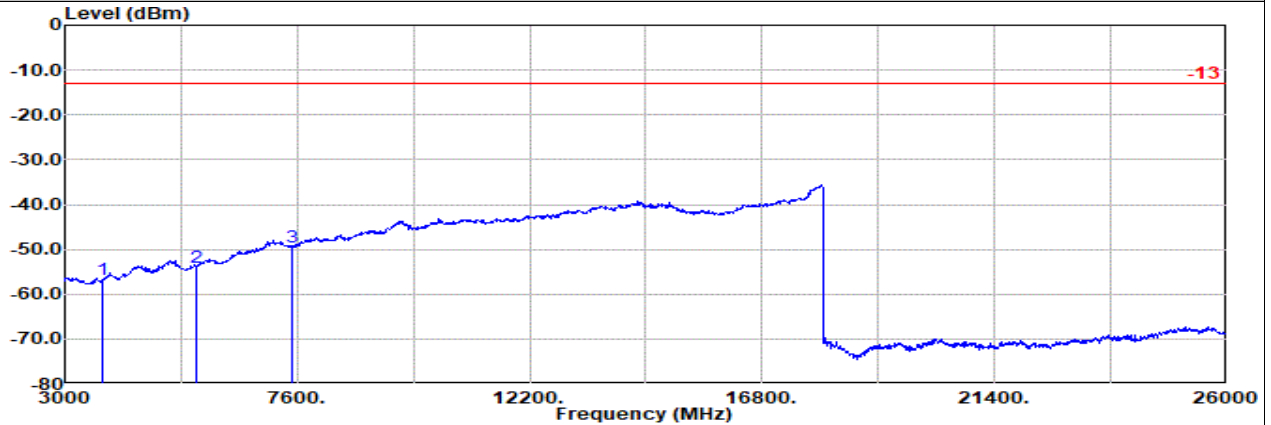


## Ant.1

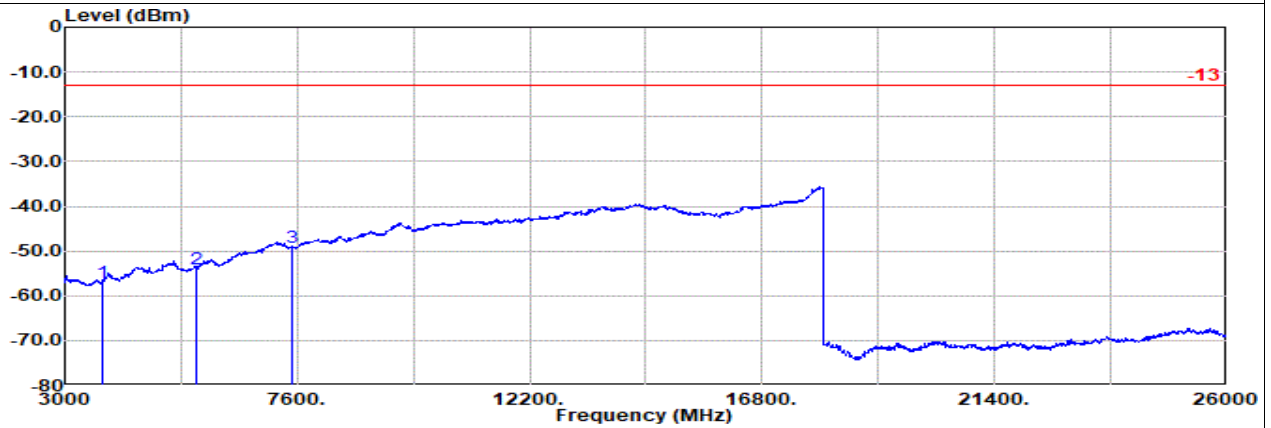
## Part 24E Mode 8

## LTE B25 20M Ch26340 1RB0 QPSK

## M



|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 3742.18 | -56.90 | RMS      | 29.94             | -24.30 | 0.71   | -95.23 | 31.98 | -13.00     | -43.90 Horizontal |
| 2 | 5613.27 | -54.07 | RMS      | 33.03             | -22.11 | 0.49   | -95.23 | 29.75 | -13.00     | -41.07 Horizontal |
| 3 | 7484.36 | -49.41 | RMS      | 36.23             | -20.78 | 0.60   | -95.23 | 29.77 | -13.00     | -36.41 Horizontal |



|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 3742.18 | -57.16 | RMS      | 29.94             | -24.30 | 0.71   | -95.23 | 31.72 | -13.00     | -44.16 Vertical |
| 2 | 5613.27 | -53.95 | RMS      | 33.03             | -22.11 | 0.49   | -95.23 | 29.87 | -13.00     | -40.95 Vertical |
| 3 | 7484.36 | -49.31 | RMS      | 36.23             | -20.78 | 0.60   | -95.23 | 29.87 | -13.00     | -36.31 Vertical |

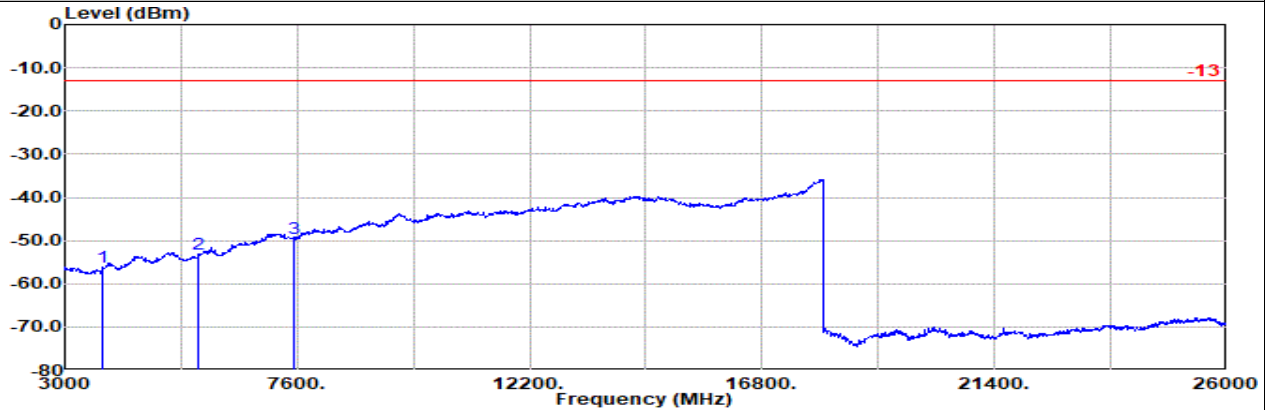


## Ant.1

## Part 24E Mode 12

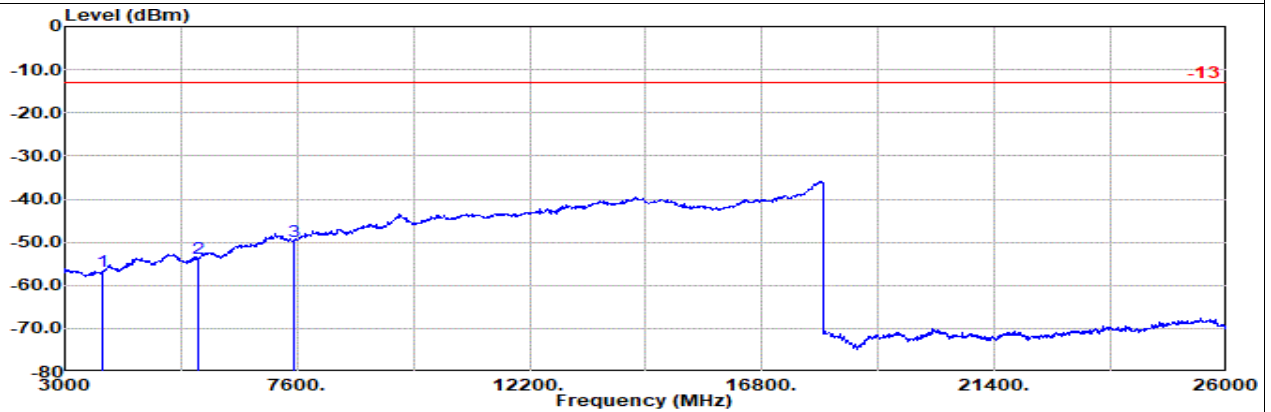
LTE CA B2C 20M + 20M Ch18801 1RB99 QPSK + Ch18999 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Horizontal  
: LTE Band 2 20M Ch18801 1RB99 QPSK  
: LTE Band 2 20M Ch18999 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF |        | Readin Limit |        | Margin Pol |            |
|---|------------|--------|----------|-------------------|--------|--------|--------|--------------|--------|------------|------------|
|   | MHz        | dBm    |          | Factor            | 1      | dB     | dB     | dBuV         | dBm    | dB         |            |
| 1 | 3760.00    | -56.28 | RMS      | 30.10             | -24.25 | 0.69   | -95.23 | 32.41        | -13.00 | -43.28     | Horizontal |
| 2 | 5640.00    | -53.16 | RMS      | 33.08             | -22.11 | 0.49   | -95.23 | 30.61        | -13.00 | -40.16     | Horizontal |
| 3 | 7520.00    | -49.42 | RMS      | 36.12             | -20.71 | 0.58   | -95.23 | 29.82        | -13.00 | -36.42     | Horizontal |



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Vertical  
: LTE Band 2 20M Ch18801 1RB99 QPSK  
: LTE Band 2 20M Ch18999 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF |        | Readin Limit |        | Margin Pol |          |
|---|------------|--------|----------|-------------------|--------|--------|--------|--------------|--------|------------|----------|
|   | MHz        | dBm    |          | Factor            | 1      | dB     | dB     | dBuV         | dBm    | dB         |          |
| 1 | 3760.00    | -56.81 | RMS      | 30.10             | -24.25 | 0.69   | -95.23 | 31.88        | -13.00 | -43.81     | Vertical |
| 2 | 5640.00    | -53.66 | RMS      | 33.08             | -22.11 | 0.49   | -95.23 | 30.11        | -13.00 | -40.66     | Vertical |
| 3 | 7520.00    | -49.83 | RMS      | 36.12             | -20.71 | 0.58   | -95.23 | 29.41        | -13.00 | -36.83     | Vertical |

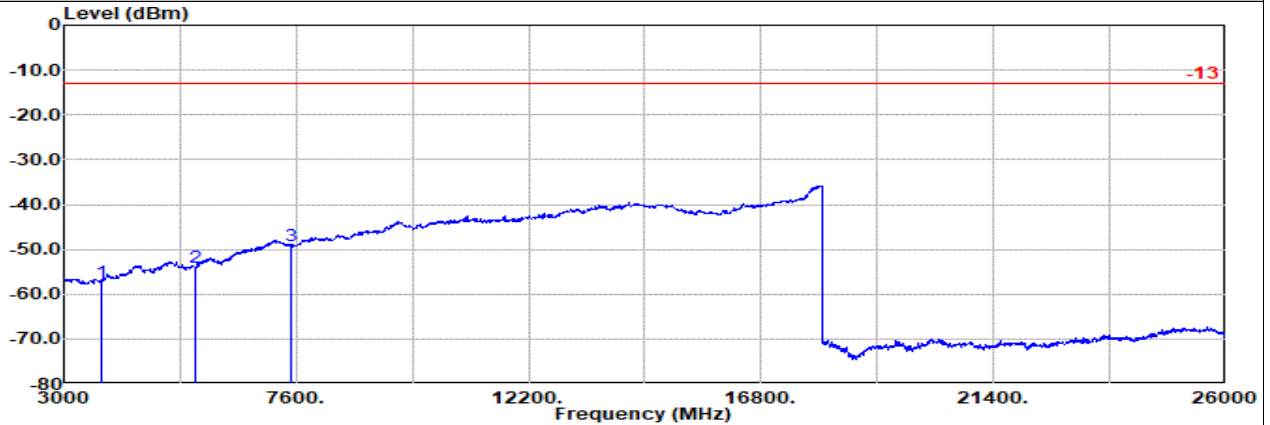


Ant.2

Part 24E Mode 9

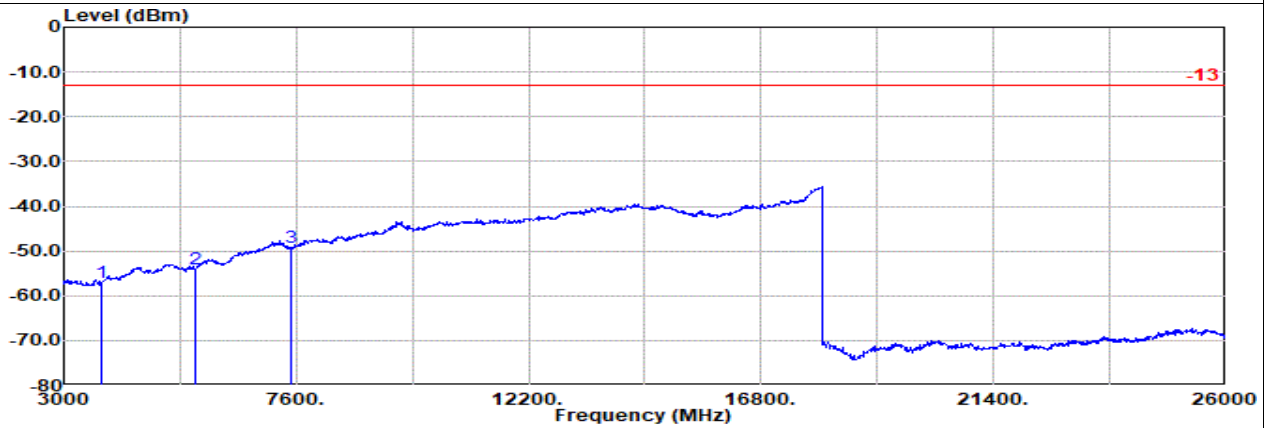
LTE B25 20M Ch26340 1RB0 QPSK

M



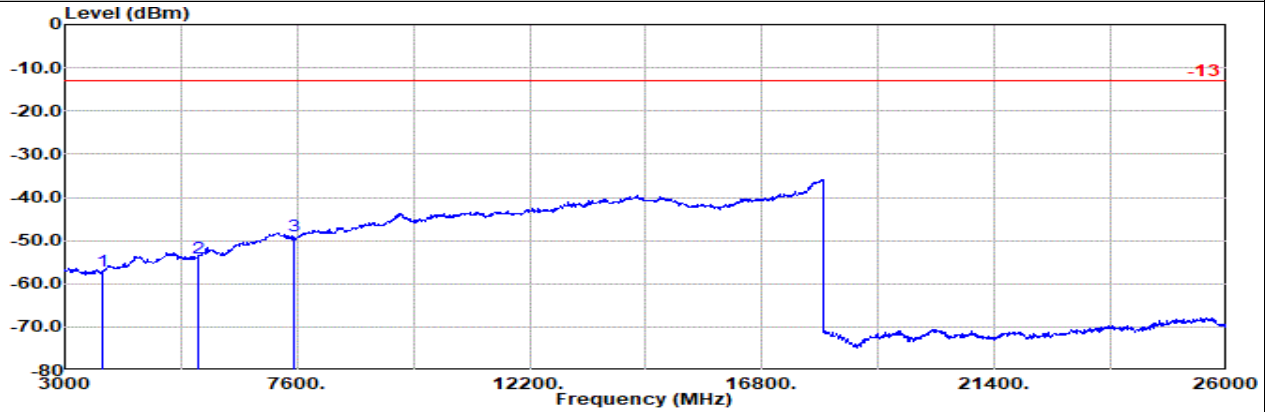
Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Horizontal  
: LTE Band 25 20M Ch26340 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 3742.18 | -57.25 | RMS      | 29.94             | -24.30 | 0.71   | -95.23 | 31.63 | -13.00     | -44.25 Horizontal |
| 2 | 5613.27 | -54.07 | RMS      | 33.03             | -22.11 | 0.49   | -95.23 | 29.75 | -13.00     | -41.07 Horizontal |
| 3 | 7484.36 | -49.09 | RMS      | 36.23             | -20.78 | 0.60   | -95.23 | 30.09 | -13.00     | -36.09 Horizontal |



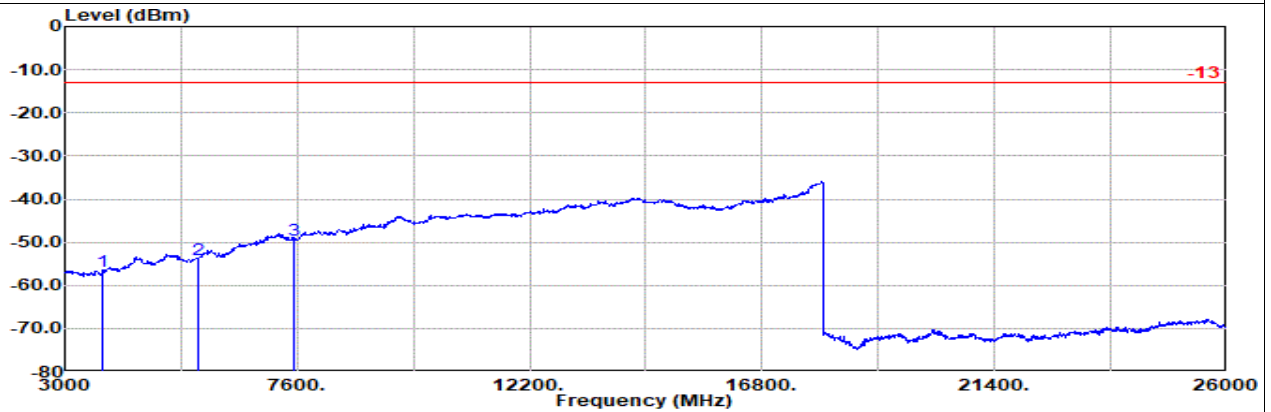
Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Vertical  
: LTE Band 25 20M Ch26340 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 3742.18 | -57.08 | RMS      | 29.94             | -24.30 | 0.71   | -95.23 | 31.80 | -13.00     | -44.08 Vertical |
| 2 | 5613.27 | -53.98 | RMS      | 33.03             | -22.11 | 0.49   | -95.23 | 29.84 | -13.00     | -40.98 Vertical |
| 3 | 7484.36 | -49.21 | RMS      | 36.23             | -20.78 | 0.60   | -95.23 | 29.97 | -13.00     | -36.21 Vertical |

**Ant.2**
**Part 24E Mode 13**
**LTE CA B2C 20M + 20M Ch18801 1RB99 QPSK + Ch18999 1RB0 QPSK**
**M**


Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Horizontal  
: LTE Band 2 20M Ch18801 1RB99 QPSK  
: LTE Band 2 20M Ch18999 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        |        |        | Readin | Limit  | Margin Pol |            |
|---|---------|--------|----------|-------------------|--------|--------|--------|--------|--------|------------|------------|
|   |         |        |          | Factor            | 1      | EIRPCF |        |        |        |            |            |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV   | dBm    | dB         |            |
| 1 | 3760.00 | -57.12 | RMS      | 30.10             | -24.25 | 0.69   | -95.23 | 31.57  | -13.00 | -44.12     | Horizontal |
| 2 | 5640.00 | -53.97 | RMS      | 33.08             | -22.11 | 0.49   | -95.23 | 29.80  | -13.00 | -40.97     | Horizontal |
| 3 | 7520.00 | -48.91 | RMS      | 36.12             | -20.71 | 0.58   | -95.23 | 30.33  | -13.00 | -35.91     | Horizontal |



Site : 03CH11-HY  
Condition: -13 1m SHF\_00993\_231124 Vertical  
: LTE Band 2 20M Ch18801 1RB99 QPSK  
: LTE Band 2 20M Ch18999 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        |        |        | Readin | Limit  | Margin Pol |          |
|---|---------|--------|----------|-------------------|--------|--------|--------|--------|--------|------------|----------|
|   |         |        |          | Factor            | 1      | EIRPCF |        |        |        |            |          |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV   | dBm    | dB         |          |
| 1 | 3760.00 | -56.89 | RMS      | 30.10             | -24.25 | 0.69   | -95.23 | 31.80  | -13.00 | -43.89     | Vertical |
| 2 | 5640.00 | -53.93 | RMS      | 33.08             | -22.11 | 0.49   | -95.23 | 29.84  | -13.00 | -40.93     | Vertical |
| 3 | 7520.00 | -49.60 | RMS      | 36.12             | -20.71 | 0.58   | -95.23 | 29.64  | -13.00 | -36.60     | Vertical |

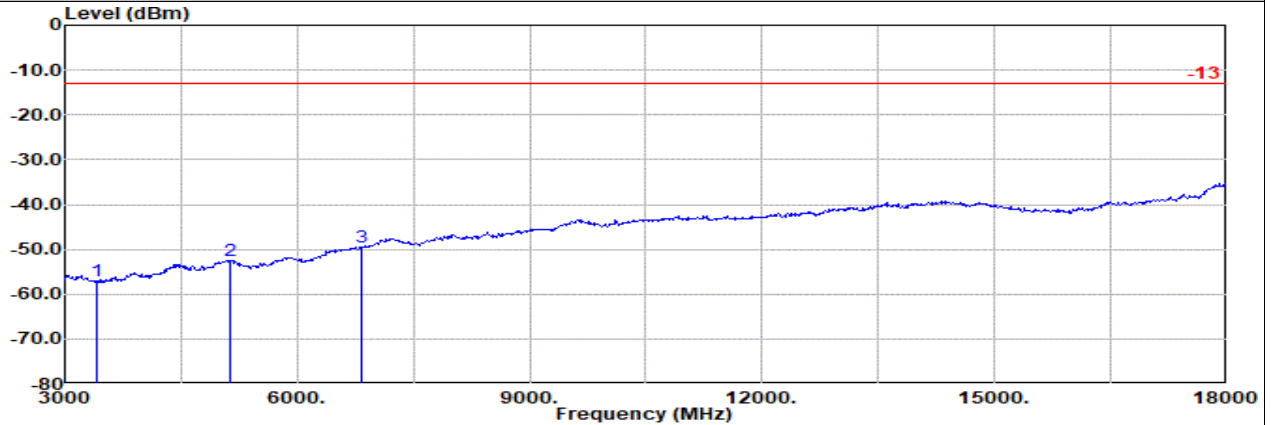


Ant.0

Part 27L Mode 31

LTE B66 20M Ch132072 1RB0 QPSK

L

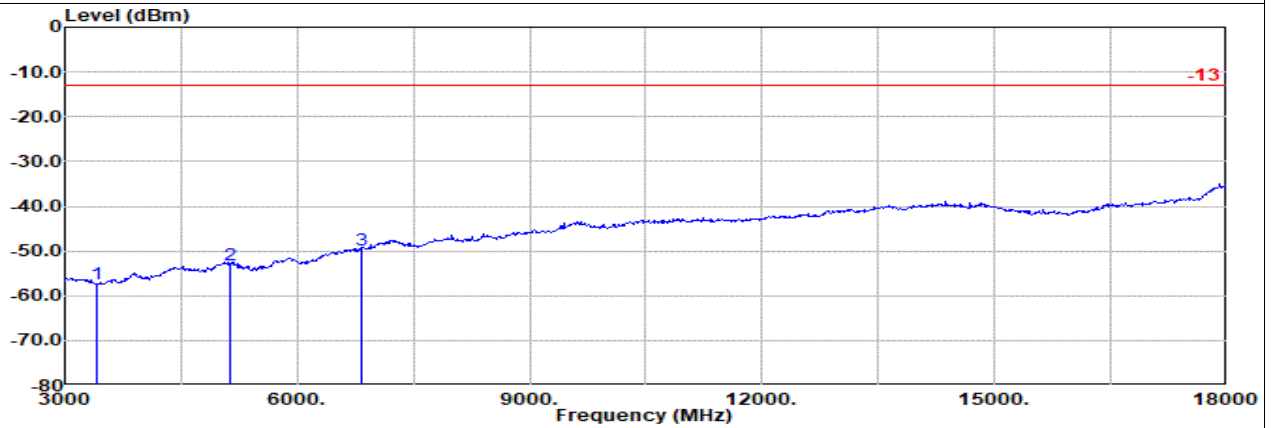


Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Horizontal

: LTE Band 66 20M Ch132072 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBm   | dB     |        |            |
| 1 | 3417.00    | -57.10 | RMS      | 29.50             | -24.92 | 0.91   | -95.23   | 32.64 | -13.00 | -44.10 | Horizontal |
| 2 | 5125.00    | -52.39 | RMS      | 33.20             | -22.52 | 0.51   | -95.23   | 31.65 | -13.00 | -39.39 | Horizontal |
| 3 | 6834.00    | -49.50 | RMS      | 35.83             | -20.62 | 0.45   | -95.23   | 30.07 | -13.00 | -36.50 | Horizontal |



Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Vertical

: LTE Band 66 20M Ch132072 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBm   | dB     |        |          |
| 1 | 3417.00    | -57.28 | RMS      | 29.50             | -24.92 | 0.91   | -95.23   | 32.46 | -13.00 | -44.28 | Vertical |
| 2 | 5125.00    | -52.99 | RMS      | 33.20             | -22.52 | 0.51   | -95.23   | 31.05 | -13.00 | -39.99 | Vertical |
| 3 | 6834.00    | -49.83 | RMS      | 35.83             | -20.62 | 0.45   | -95.23   | 29.74 | -13.00 | -36.83 | Vertical |

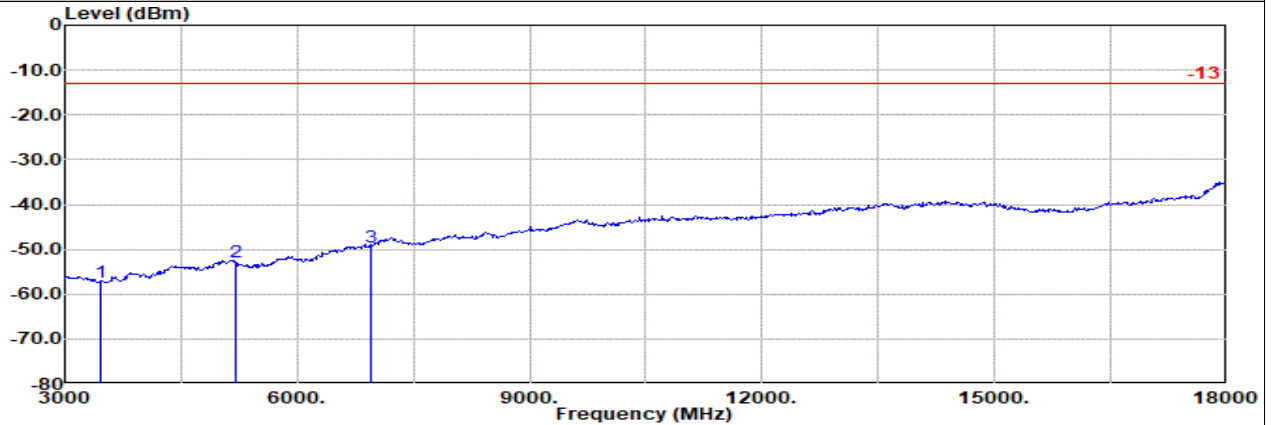


Ant.0

Part 27L Mode 31

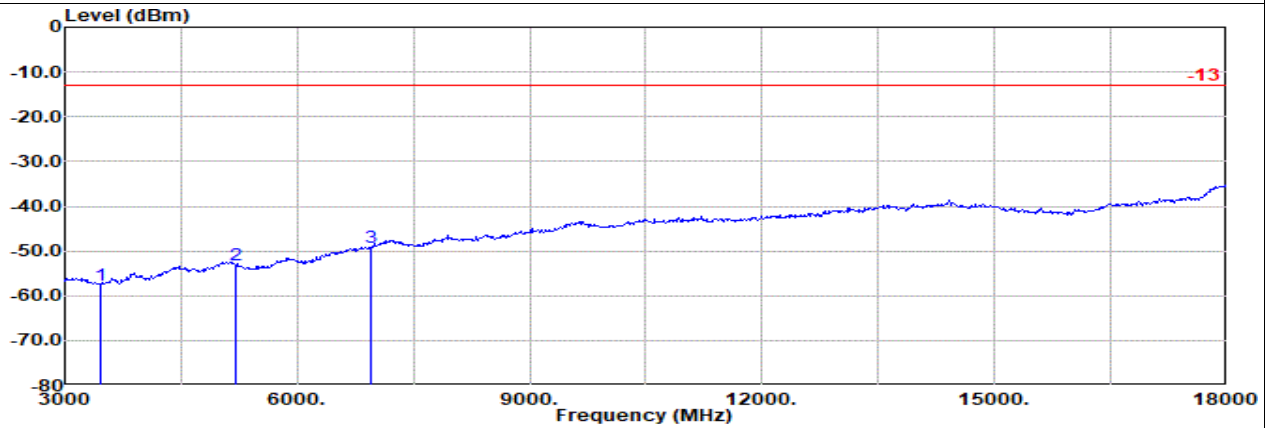
LTE B66 20M Ch132322 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 66 20M Ch132322 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBm   | dB     |        |            |
| 1 | 3472.00    | -57.22 | RMS      | 29.54             | -24.86 | 0.90   | -95.23   | 32.43 | -13.00 | -44.22 | Horizontal |
| 2 | 5208.00    | -52.96 | RMS      | 33.08             | -22.45 | 0.51   | -95.23   | 31.13 | -13.00 | -39.96 | Horizontal |
| 3 | 6944.00    | -49.39 | RMS      | 35.80             | -20.62 | 0.46   | -95.23   | 30.20 | -13.00 | -36.39 | Horizontal |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 66 20M Ch132322 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBm   | dB     |        |          |
| 1 | 3472.00    | -57.58 | RMS      | 29.54             | -24.86 | 0.90   | -95.23   | 32.07 | -13.00 | -44.58 | Vertical |
| 2 | 5208.00    | -53.19 | RMS      | 33.08             | -22.45 | 0.51   | -95.23   | 30.90 | -13.00 | -40.19 | Vertical |
| 3 | 6944.00    | -49.09 | RMS      | 35.80             | -20.62 | 0.46   | -95.23   | 30.50 | -13.00 | -36.09 | Vertical |

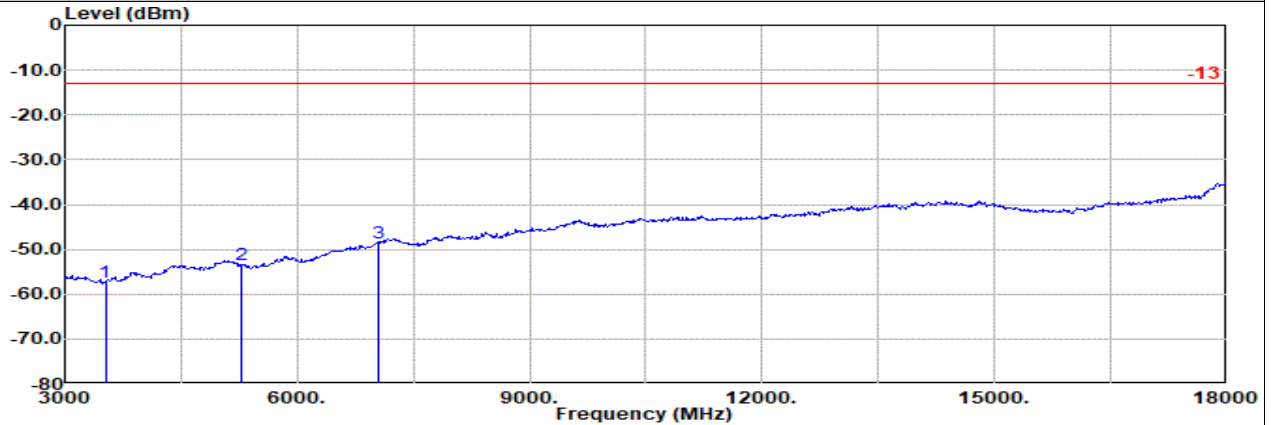


Ant.0

Part 27L Mode 31

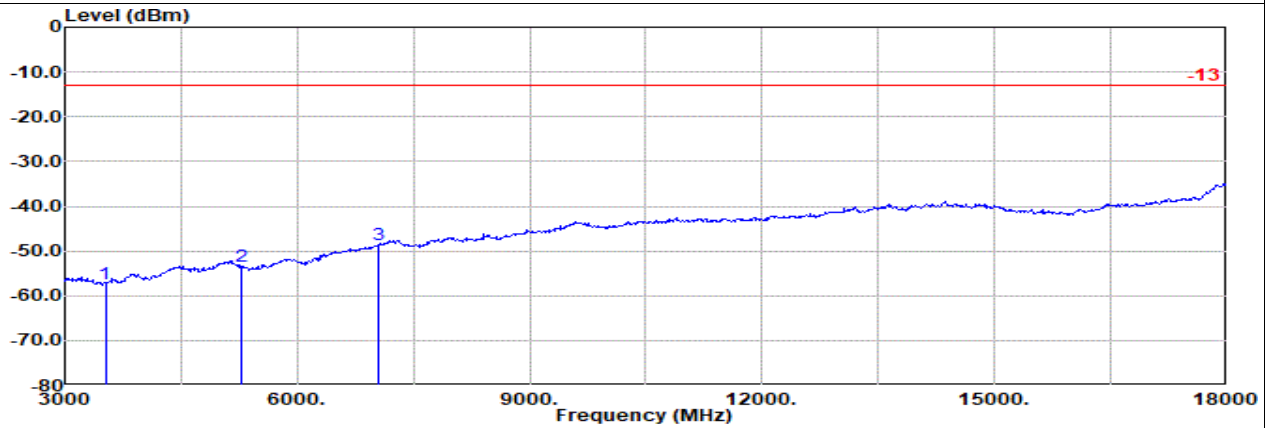
LTE B66 20M Ch132572 1RB0 QPSK

H



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 66 20M Ch132572 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 | 3522.00    | -57.35 | RMS      | 29.64      | -24.80          | 0.89 | -95.23 | 32.15    | -13.00 | -44.35 | Horizontal |     |
| 2 | 5283.00    | -53.58 | RMS      | 32.93      | -22.39          | 0.54 | -95.23 | 30.57    | -13.00 | -40.58 | Horizontal |     |
| 3 | 7044.00    | -48.57 | RMS      | 36.08      | -20.68          | 0.49 | -95.23 | 30.77    | -13.00 | -35.57 | Horizontal |     |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 66 20M Ch132572 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 | 3522.00    | -57.28 | RMS      | 29.64      | -24.80          | 0.89 | -95.23 | 32.22    | -13.00 | -44.28 | Vertical |     |
| 2 | 5283.00    | -53.50 | RMS      | 32.93      | -22.39          | 0.54 | -95.23 | 30.65    | -13.00 | -40.50 | Vertical |     |
| 3 | 7044.00    | -48.63 | RMS      | 36.08      | -20.68          | 0.49 | -95.23 | 30.71    | -13.00 | -35.63 | Vertical |     |

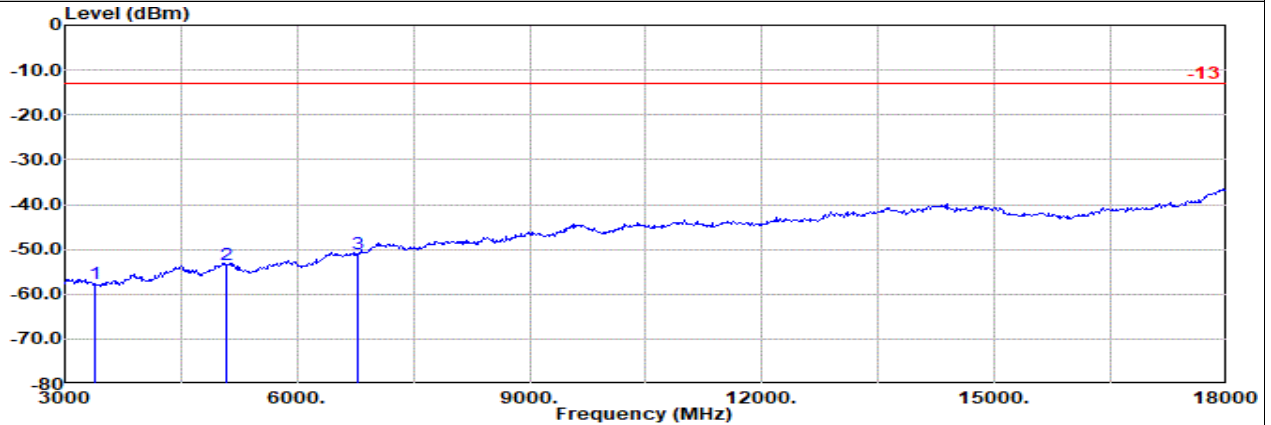


Ant.0

Part 27L Mode 35

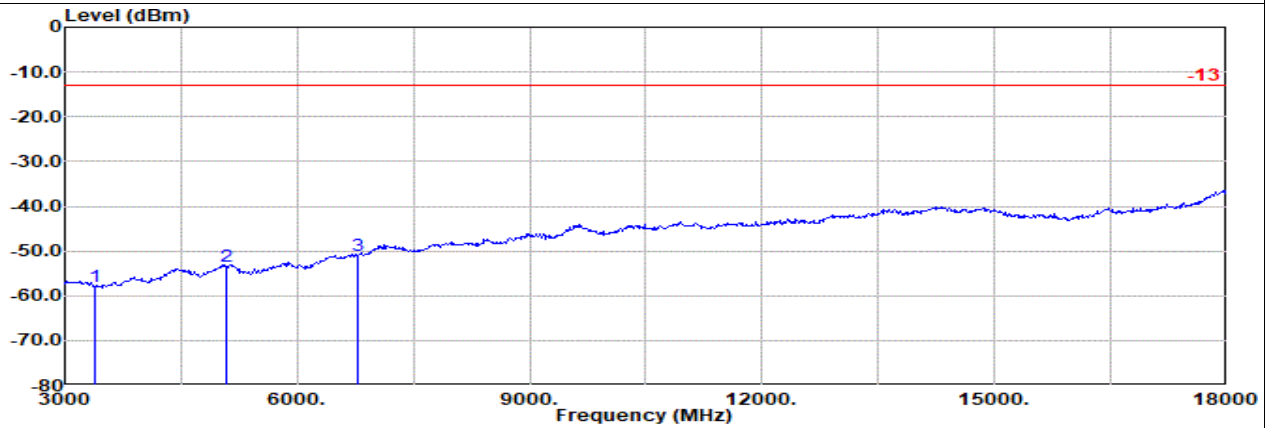
LTE B70 10M Ch133022 1RB0 QPSK

L



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 70 10M Ch133022 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBm   | dB     |        |            |
| 1 | 3391.18    | -57.65 | RMS      | 29.52             | -24.95 | 0.93   | -95.23   | 32.08 | -13.00 | -44.65 | Horizontal |
| 2 | 5086.77    | -53.42 | RMS      | 33.20             | -22.56 | 0.50   | -95.23   | 30.67 | -13.00 | -40.42 | Horizontal |
| 3 | 6782.36    | -51.14 | RMS      | 35.86             | -20.71 | 0.45   | -95.23   | 28.49 | -13.00 | -38.14 | Horizontal |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 70 10M Ch133022 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBm   | dB     |        |          |
| 1 | 3391.18    | -58.00 | RMS      | 29.52             | -24.95 | 0.93   | -95.23   | 31.73 | -13.00 | -45.00 | Vertical |
| 2 | 5086.77    | -53.56 | RMS      | 33.20             | -22.56 | 0.50   | -95.23   | 30.53 | -13.00 | -40.56 | Vertical |
| 3 | 6782.36    | -51.00 | RMS      | 35.86             | -20.71 | 0.45   | -95.23   | 28.63 | -13.00 | -38.00 | Vertical |

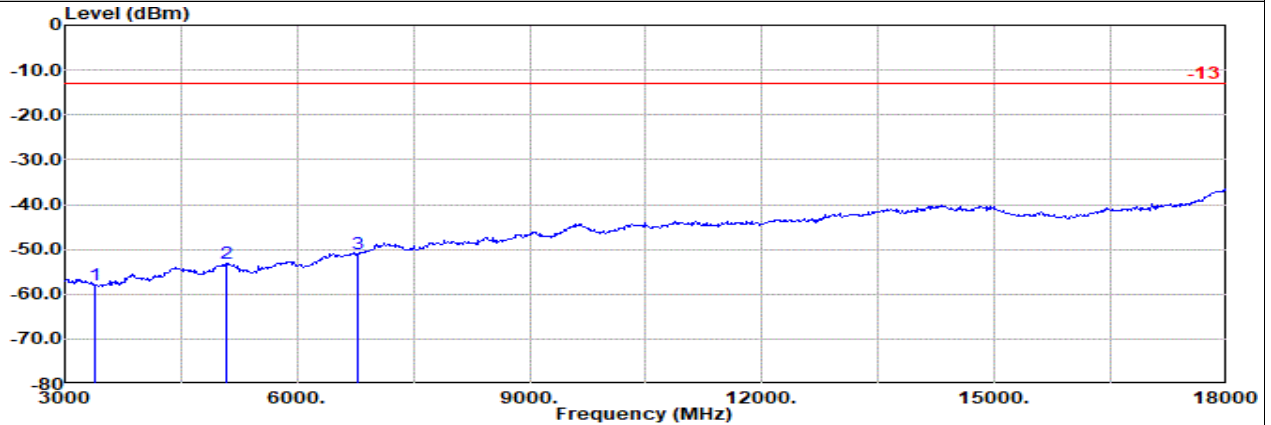


Ant.0

Part 27L Mode 35

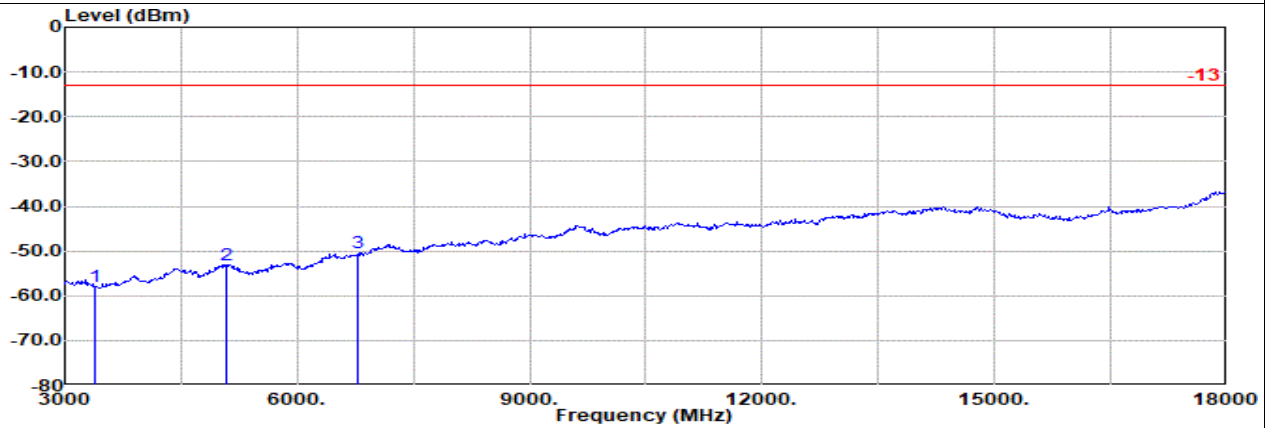
LTE B70 10M Ch133047 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 70 10M Ch133047 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBm   | dB     |        |            |
| 1 | 3396.18    | -57.86 | RMS      | 29.51             | -24.94 | 0.92   | -95.23   | 31.88 | -13.00 | -44.86 | Horizontal |
| 2 | 5094.27    | -53.08 | RMS      | 33.20             | -22.55 | 0.50   | -95.23   | 31.00 | -13.00 | -40.08 | Horizontal |
| 3 | 6792.36    | -50.89 | RMS      | 35.88             | -20.66 | 0.45   | -95.23   | 28.67 | -13.00 | -37.89 | Horizontal |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 70 10M Ch133047 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBm   | dB     |        |          |
| 1 | 3396.18    | -58.00 | RMS      | 29.51             | -24.94 | 0.92   | -95.23   | 31.74 | -13.00 | -45.00 | Vertical |
| 2 | 5094.27    | -53.24 | RMS      | 33.20             | -22.55 | 0.50   | -95.23   | 30.84 | -13.00 | -40.24 | Vertical |
| 3 | 6792.36    | -50.40 | RMS      | 35.88             | -20.66 | 0.45   | -95.23   | 29.16 | -13.00 | -37.40 | Vertical |

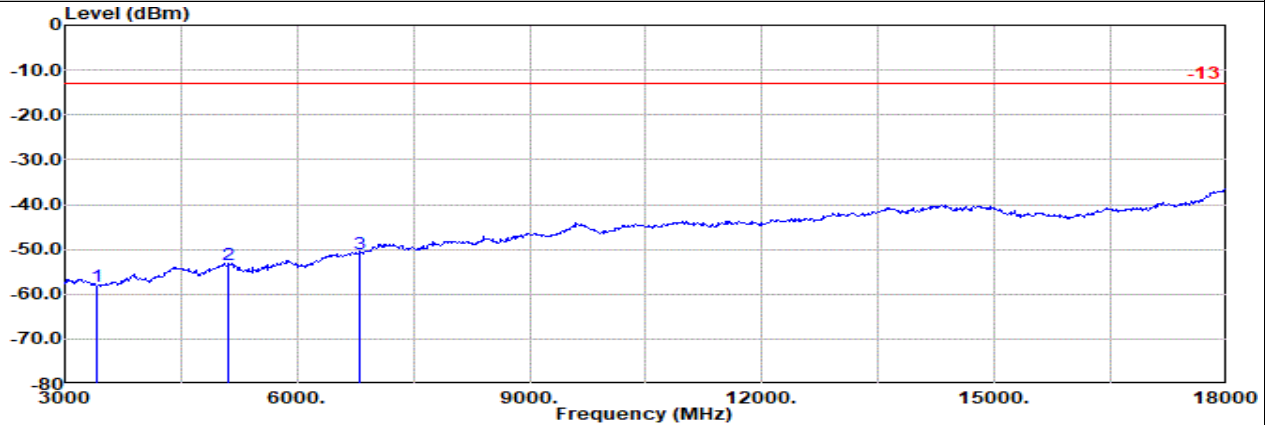


Ant.0

Part 27L Mode 35

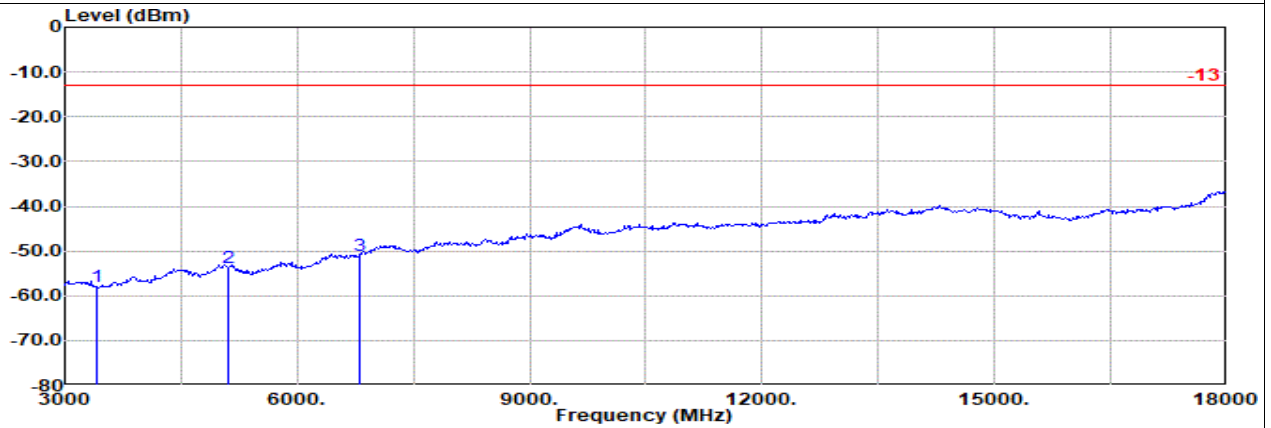
LTE B70 10M Ch133072 1RB0 QPSK

H



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 70 10M Ch133072 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | EIRPCF |       | Readin g | Limit  |            | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|----------|--------|------------|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |          | dBuV   | dBm        | dB     |     |
| 1 | 3401.18    | -58.18 | RMS      | 29.50             | -24.93 | 0.91   | -95.23 | 31.57 | -13.00   | -45.18 | Horizontal |        |     |
| 2 | 5101.77    | -53.57 | RMS      | 33.20             | -22.55 | 0.51   | -95.23 | 30.50 | -13.00   | -40.57 | Horizontal |        |     |
| 3 | 6802.36    | -50.94 | RMS      | 35.90             | -20.63 | 0.45   | -95.23 | 28.57 | -13.00   | -37.94 | Horizontal |        |     |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 70 10M Ch133072 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | EIRPCF |       | Readin g | Limit  |          | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|----------|--------|----------|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |          | dBuV   | dBm      | dB     |     |
| 1 | 3401.18    | -57.89 | RMS      | 29.50             | -24.93 | 0.91   | -95.23 | 31.86 | -13.00   | -44.89 | Vertical |        |     |
| 2 | 5101.77    | -53.74 | RMS      | 33.20             | -22.55 | 0.51   | -95.23 | 30.33 | -13.00   | -40.74 | Vertical |        |     |
| 3 | 6802.36    | -51.01 | RMS      | 35.90             | -20.63 | 0.45   | -95.23 | 28.50 | -13.00   | -38.01 | Vertical |        |     |

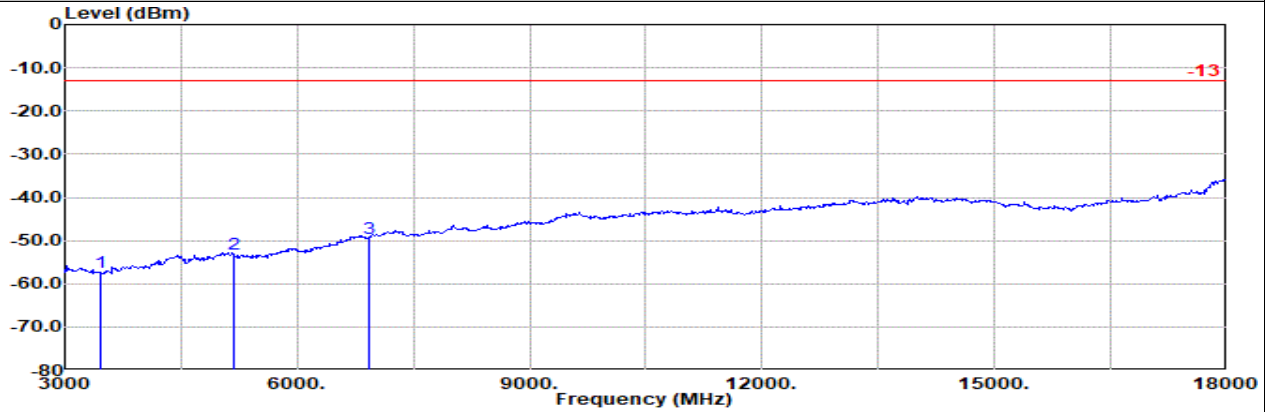


Ant.0

## Part 27L Mode 39

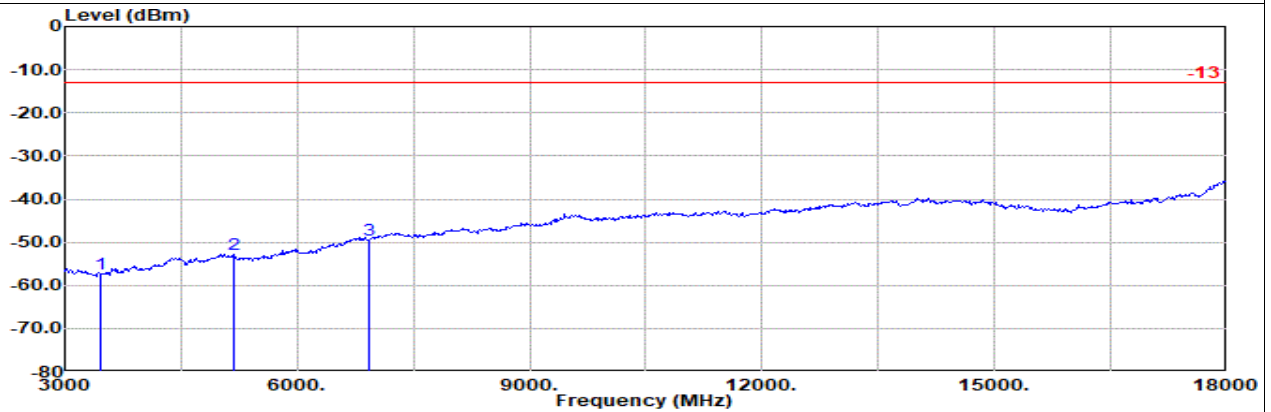
LTE CA 66C 20M + 20M Ch132072 1RB99 QPSK + Ch132270 1RB0 QPSK

L



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 66 20M Ch132072 1RB99 QPSK  
: LTE Band 66 20M Ch132270 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin Limit |       | Margin | Pol               |
|---|------------|--------|----------|-------------------|--------|--------|--------------|-------|--------|-------------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g            |       |        |                   |
| 1 | 3458.00    | -57.44 | RMS      | 29.52             | -24.87 | 0.90   | -95.23       | 32.24 | -13.00 | -44.44 Horizontal |
| 2 | 5187.00    | -53.23 | RMS      | 33.13             | -22.47 | 0.51   | -95.23       | 30.83 | -13.00 | -40.23 Horizontal |
| 3 | 6916.00    | -49.50 | RMS      | 35.80             | -20.62 | 0.46   | -95.23       | 30.09 | -13.00 | -36.50 Horizontal |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 66 20M Ch132072 1RB99 QPSK  
: LTE Band 66 20M Ch132270 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin Limit |       | Margin | Pol             |
|---|------------|--------|----------|-------------------|--------|--------|--------------|-------|--------|-----------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g            |       |        |                 |
| 1 | 3458.00    | -57.48 | RMS      | 29.52             | -24.87 | 0.90   | -95.23       | 32.20 | -13.00 | -44.48 Vertical |
| 2 | 5187.00    | -52.91 | RMS      | 33.13             | -22.47 | 0.51   | -95.23       | 31.15 | -13.00 | -39.91 Vertical |
| 3 | 6916.00    | -49.49 | RMS      | 35.80             | -20.62 | 0.46   | -95.23       | 30.10 | -13.00 | -36.49 Vertical |

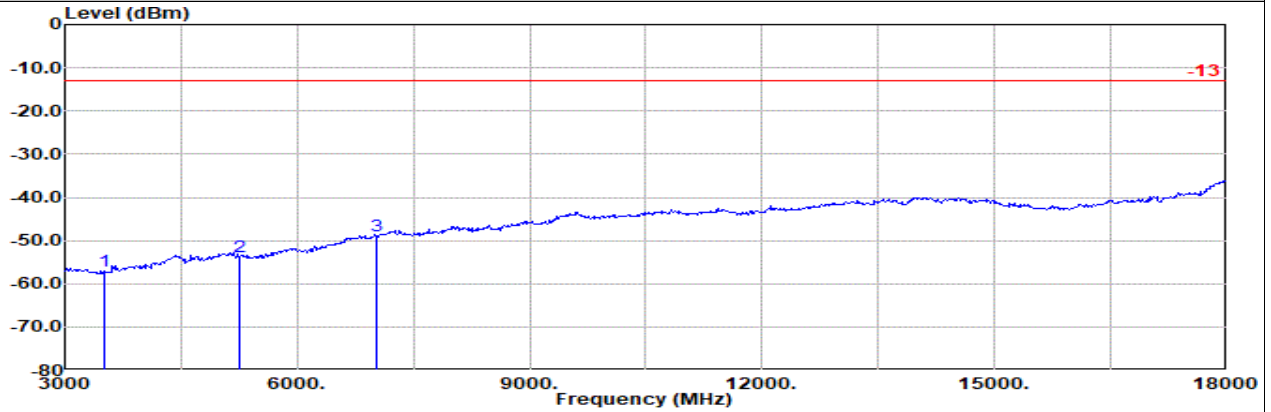


Ant.0

## Part 27L Mode 39

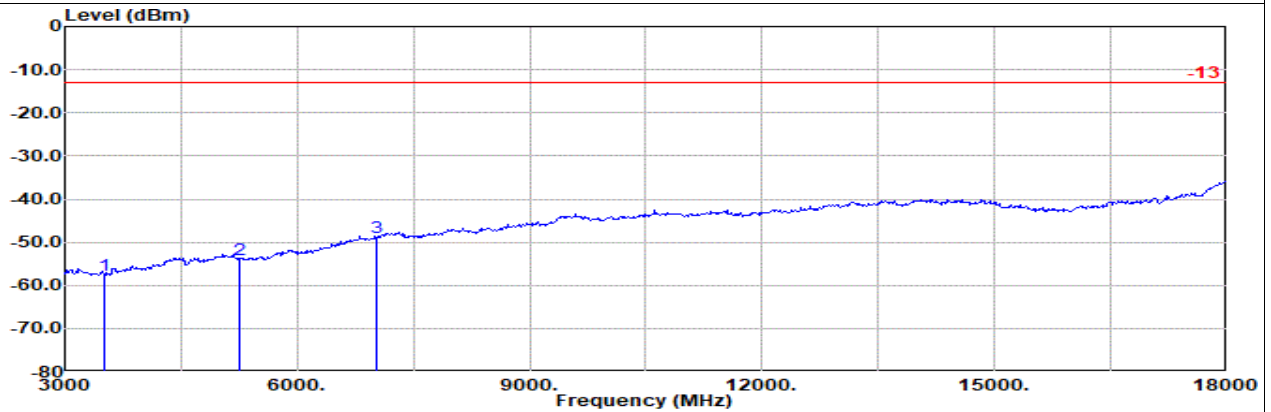
LTE CA 66C 20M + 20M Ch132323 1RB99 QPSK + Ch132521 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 66 20M Ch132323 1RB99 QPSK  
: LTE Band 66 20M Ch132521 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin Limit |       | Margin | Pol               |
|---|------------|--------|----------|-------------------|--------|--------|--------------|-------|--------|-------------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g            |       |        |                   |
| 1 | 3512.00    | -57.14 | RMS      | 29.62             | -24.82 | 0.89   | -95.23       | 32.40 | -13.00 | -44.14 Horizontal |
| 2 | 5262.00    | -53.75 | RMS      | 32.98             | -22.41 | 0.53   | -95.23       | 30.38 | -13.00 | -40.75 Horizontal |
| 3 | 7016.00    | -48.93 | RMS      | 35.96             | -20.64 | 0.48   | -95.23       | 30.50 | -13.00 | -35.93 Horizontal |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 66 20M Ch132323 1RB99 QPSK  
: LTE Band 66 20M Ch132521 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin Limit |       | Margin | Pol             |
|---|------------|--------|----------|-------------------|--------|--------|--------------|-------|--------|-----------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g            |       |        |                 |
| 1 | 3512.00    | -57.52 | RMS      | 29.62             | -24.82 | 0.89   | -95.23       | 32.02 | -13.00 | -44.52 Vertical |
| 2 | 5262.00    | -53.99 | RMS      | 32.98             | -22.41 | 0.53   | -95.23       | 30.14 | -13.00 | -40.99 Vertical |
| 3 | 7016.00    | -48.91 | RMS      | 35.96             | -20.64 | 0.48   | -95.23       | 30.52 | -13.00 | -35.91 Vertical |

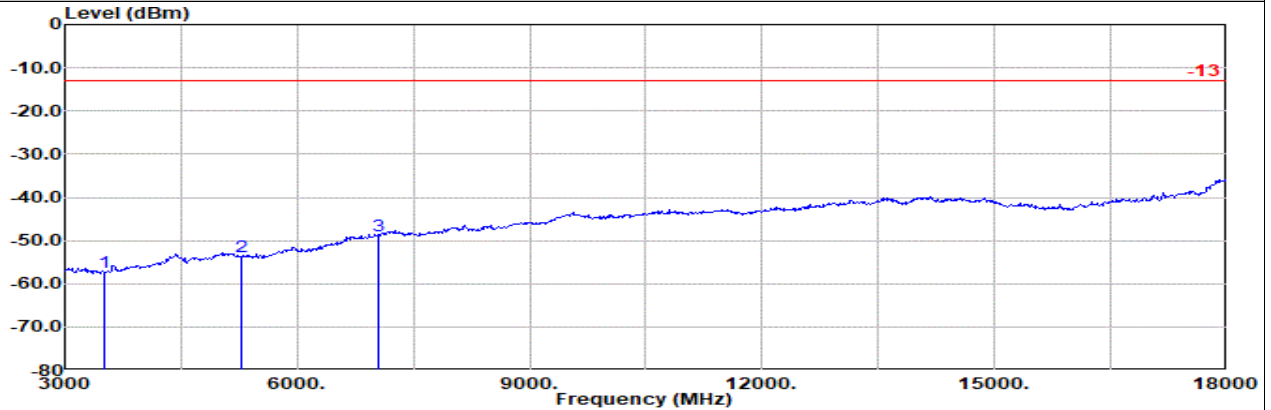


Ant.0

## Part 27L Mode 39

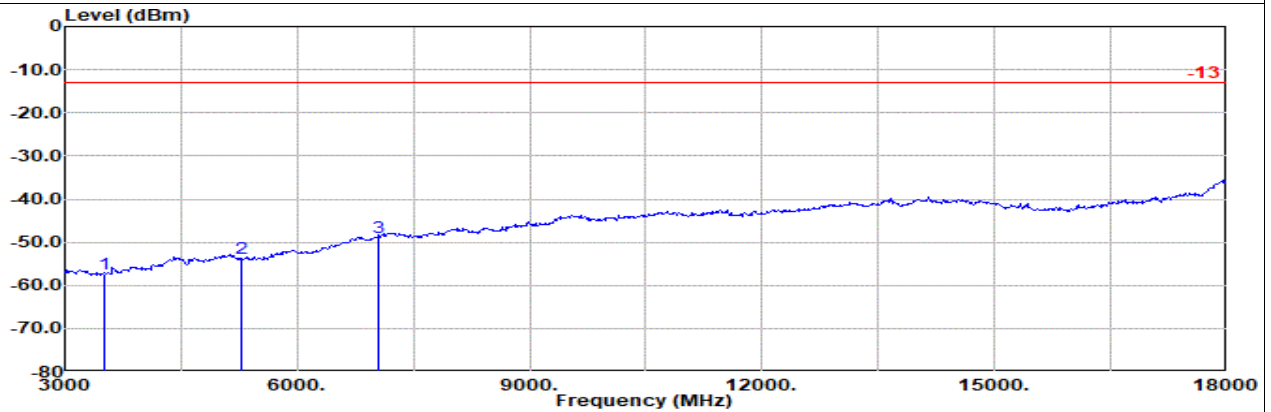
LTE CA 66C 20M + 20M Ch132374 1RB99 QPSK + Ch132572 1RB0 QPSK

H



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 66 20M Ch132374 1RB99 QPSK  
: LTE Band 66 20M Ch132572 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |        | Filter | EIRPCF |  | Readin | Limit  | Margin Pol |            |
|---|---------|--------|----------|------------|--------|--------|--------|--|--------|--------|------------|------------|
|   |         |        |          | Factor     | 1      |        |        |  |        |        |            |            |
|   | MHz     | dBm    |          |            |        |        |        |  | dBuV   | dBm    | dB         |            |
| 1 | 3518.00 | -57.25 | RMS      | 29.64      | -24.81 | 0.89   | -95.23 |  | 32.26  | -13.00 | -44.25     | Horizontal |
| 2 | 5277.00 | -53.69 | RMS      | 32.95      | -22.40 | 0.54   | -95.23 |  | 30.45  | -13.00 | -40.69     | Horizontal |
| 3 | 7036.00 | -48.80 | RMS      | 36.04      | -20.67 | 0.49   | -95.23 |  | 30.57  | -13.00 | -35.80     | Horizontal |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 66 20M Ch132374 1RB99 QPSK  
: LTE Band 66 20M Ch132572 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb |        | Filter | EIRPCF |  | Readin | Limit  | Margin Pol |          |
|---|---------|--------|----------|------------|--------|--------|--------|--|--------|--------|------------|----------|
|   |         |        |          | Factor     | 1      |        |        |  |        |        |            |          |
|   | MHz     | dBm    |          |            |        |        |        |  | dBuV   | dBm    | dB         |          |
| 1 | 3518.00 | -57.27 | RMS      | 29.64      | -24.81 | 0.89   | -95.23 |  | 32.24  | -13.00 | -44.27     | Vertical |
| 2 | 5277.00 | -53.69 | RMS      | 32.95      | -22.40 | 0.54   | -95.23 |  | 30.45  | -13.00 | -40.69     | Vertical |
| 3 | 7036.00 | -48.88 | RMS      | 36.04      | -20.67 | 0.49   | -95.23 |  | 30.49  | -13.00 | -35.88     | Vertical |

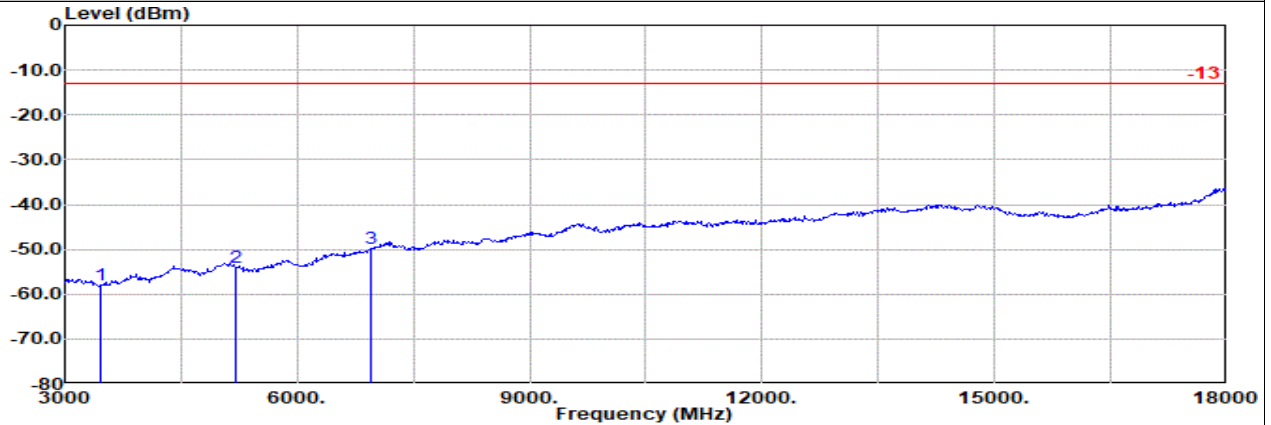


Ant.3

Part 27L Mode 32

LTE B66 20M Ch132322 1RB0 QPSK

M

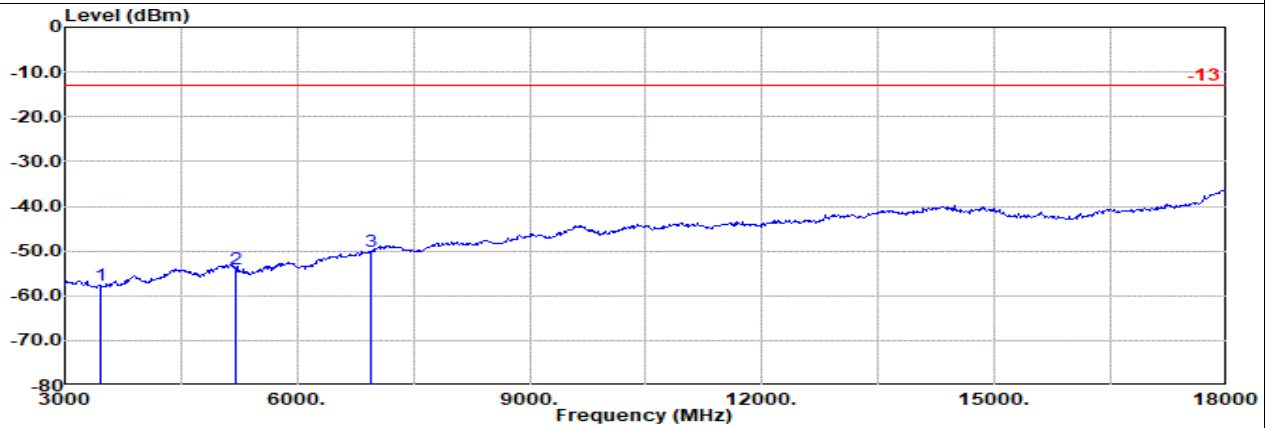


Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Horizontal

: LTE Band 66 20M Ch132322 1RB0 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 | 3472.18    | -57.92 | RMS      |            | 29.54  | -24.86 | 0.90     | -95.23 | 31.73    | -13.00 | -44.92 | Horizontal |     |
| 2 | 5208.27    | -54.11 | RMS      |            | 33.08  | -22.45 | 0.51     | -95.23 | 29.98    | -13.00 | -41.11 | Horizontal |     |
| 3 | 6944.36    | -49.88 | RMS      |            | 35.80  | -20.62 | 0.46     | -95.23 | 29.71    | -13.00 | -36.88 | Horizontal |     |



Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Vertical

: LTE Band 66 20M Ch132322 1RB0 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 | 3472.18    | -57.76 | RMS      |            | 29.54  | -24.86 | 0.90     | -95.23 | 31.89    | -13.00 | -44.76 | Vertical |     |
| 2 | 5208.27    | -54.14 | RMS      |            | 33.08  | -22.45 | 0.51     | -95.23 | 29.95    | -13.00 | -41.14 | Vertical |     |
| 3 | 6944.36    | -50.01 | RMS      |            | 35.80  | -20.62 | 0.46     | -95.23 | 29.58    | -13.00 | -37.01 | Vertical |     |

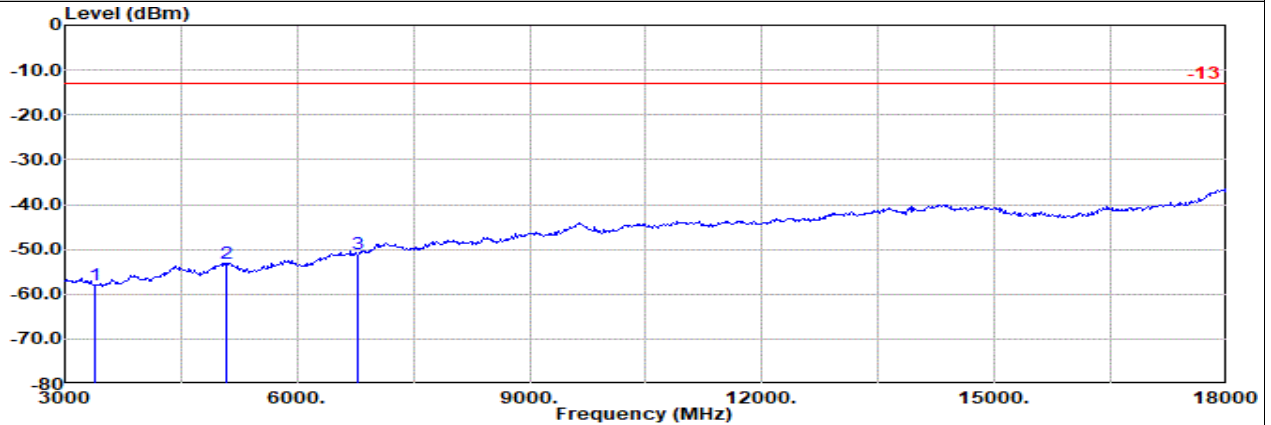


Ant.3

Part 27L Mode 36

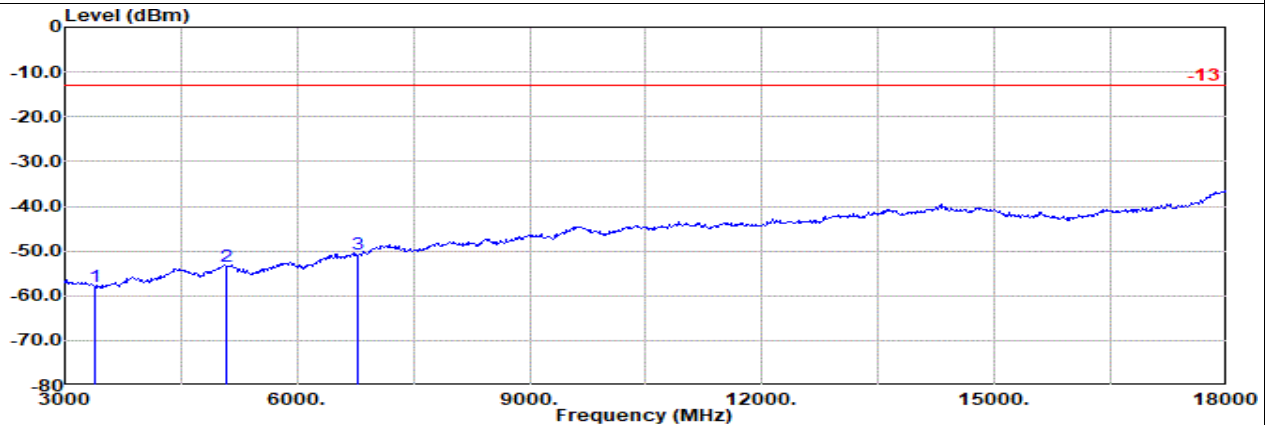
LTE B70 10M Ch133047 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 70 10M Ch133047 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 | 3396.18    | -58.08 | RMS      |            | 29.51           | -24.94 | 0.92   | -95.23   | 31.66 | -13.00 | -45.08 | Horizontal |
| 2 | 5094.27    | -53.11 | RMS      |            | 33.20           | -22.55 | 0.50   | -95.23   | 30.97 | -13.00 | -40.11 | Horizontal |
| 3 | 6792.36    | -50.90 | RMS      |            | 35.88           | -20.66 | 0.45   | -95.23   | 28.66 | -13.00 | -37.90 | Horizontal |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 70 10M Ch133047 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 | 3396.18    | -57.85 | RMS      |            | 29.51           | -24.94 | 0.92   | -95.23   | 31.89 | -13.00 | -44.85 | Vertical |
| 2 | 5094.27    | -53.37 | RMS      |            | 33.20           | -22.55 | 0.50   | -95.23   | 30.71 | -13.00 | -40.37 | Vertical |
| 3 | 6792.36    | -50.83 | RMS      |            | 35.88           | -20.66 | 0.45   | -95.23   | 28.73 | -13.00 | -37.83 | Vertical |

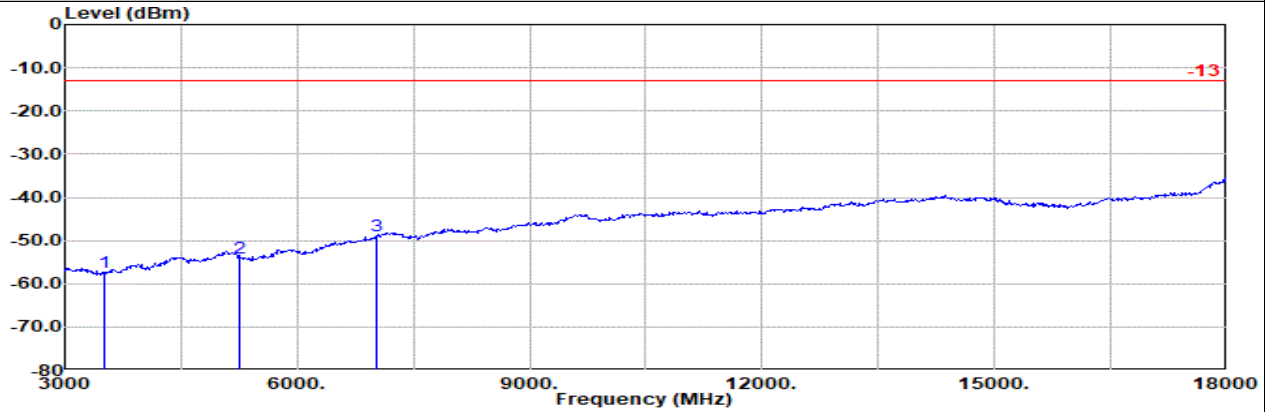


Ant.3

Part 27L Mode 40

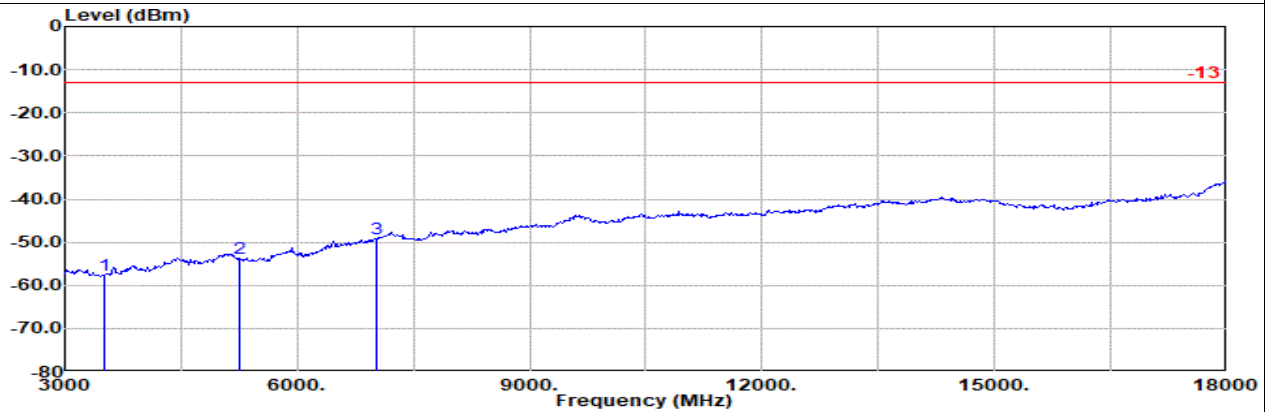
LTE CA 66C 20M + 20M Ch132323 1RB99 QPSK + Ch132521 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 66 20M Ch132323 1RB99 QPSK  
: LTE Band 66 20M Ch132521 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant    |        | Filter | EIRPCF |  | Readin | Limit  | Margin |  | Pol        |
|---|---------|--------|----------|--------|--------|--------|--------|--|--------|--------|--------|--|------------|
|   |         |        |          | Factor | Amp\Cb |        | 1      |  |        |        |        |  |            |
|   | MHz     | dBm    |          |        |        |        |        |  |        |        |        |  |            |
| 1 | 3512.00 | -57.50 | RMS      | 29.62  | -24.82 | 0.89   | -95.23 |  | 32.04  | -13.00 | -44.50 |  | Horizontal |
| 2 | 5262.00 | -54.02 | RMS      | 32.98  | -22.41 | 0.53   | -95.23 |  | 30.11  | -13.00 | -41.02 |  | Horizontal |
| 3 | 7016.00 | -49.06 | RMS      | 35.96  | -20.64 | 0.48   | -95.23 |  | 30.37  | -13.00 | -36.06 |  | Horizontal |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 66 20M Ch132323 1RB99 QPSK  
: LTE Band 66 20M Ch132521 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant    |        | Filter | EIRPCF |  | Readin | Limit  | Margin |  | Pol      |
|---|---------|--------|----------|--------|--------|--------|--------|--|--------|--------|--------|--|----------|
|   |         |        |          | Factor | Amp\Cb |        | 1      |  |        |        |        |  |          |
|   | MHz     | dBm    |          |        |        |        |        |  |        |        |        |  |          |
| 1 | 3512.00 | -57.60 | RMS      | 29.62  | -24.82 | 0.89   | -95.23 |  | 31.94  | -13.00 | -44.60 |  | Vertical |
| 2 | 5262.00 | -53.88 | RMS      | 32.98  | -22.41 | 0.53   | -95.23 |  | 30.25  | -13.00 | -40.88 |  | Vertical |
| 3 | 7016.00 | -49.24 | RMS      | 35.96  | -20.64 | 0.48   | -95.23 |  | 30.19  | -13.00 | -36.24 |  | Vertical |

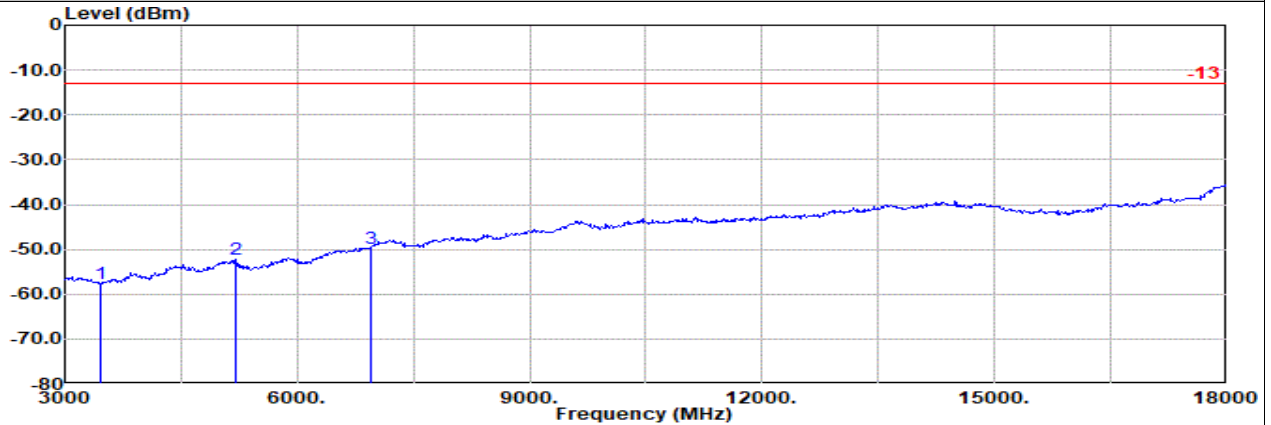


Ant.1

Part 27L Mode 33

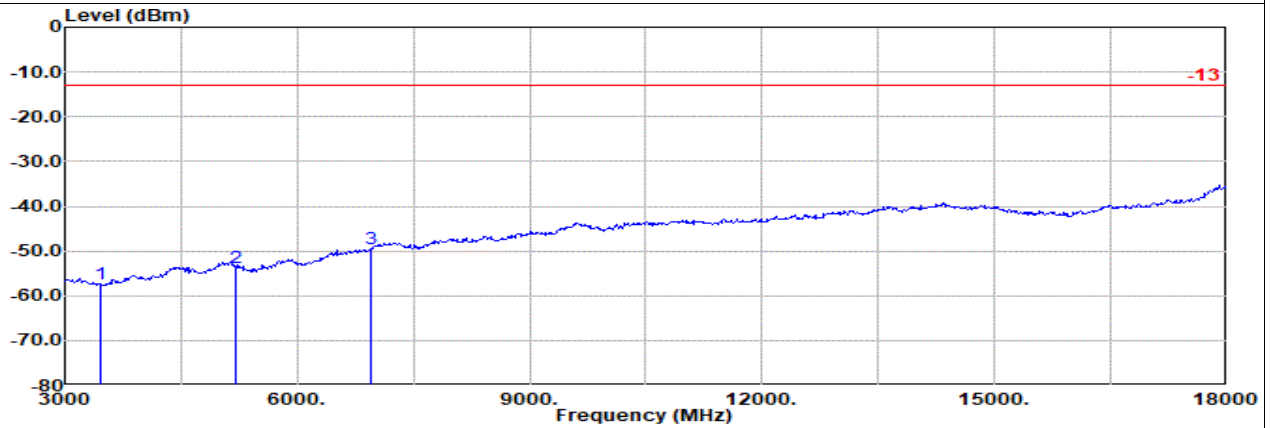
LTE B66 20M Ch132322 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 66 20M Ch132322 1RB0 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 | 3472.18    | -57.53 | RMS      |            | 29.54           | -24.86 | 0.90   | -95.23   | 32.12 | -13.00 | -44.53 | Horizontal |
| 2 | 5208.27    | -52.17 | RMS      |            | 33.08           | -22.45 | 0.51   | -95.23   | 31.92 | -13.00 | -39.17 | Horizontal |
| 3 | 6944.36    | -49.82 | RMS      |            | 35.80           | -20.62 | 0.46   | -95.23   | 29.77 | -13.00 | -36.82 | Horizontal |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 66 20M Ch132322 1RB0 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 | 3472.18    | -57.49 | RMS      |            | 29.54           | -24.86 | 0.90   | -95.23   | 32.16 | -13.00 | -44.49 | Vertical |
| 2 | 5208.27    | -53.62 | RMS      |            | 33.08           | -22.45 | 0.51   | -95.23   | 30.47 | -13.00 | -40.62 | Vertical |
| 3 | 6944.36    | -49.65 | RMS      |            | 35.80           | -20.62 | 0.46   | -95.23   | 29.94 | -13.00 | -36.65 | Vertical |

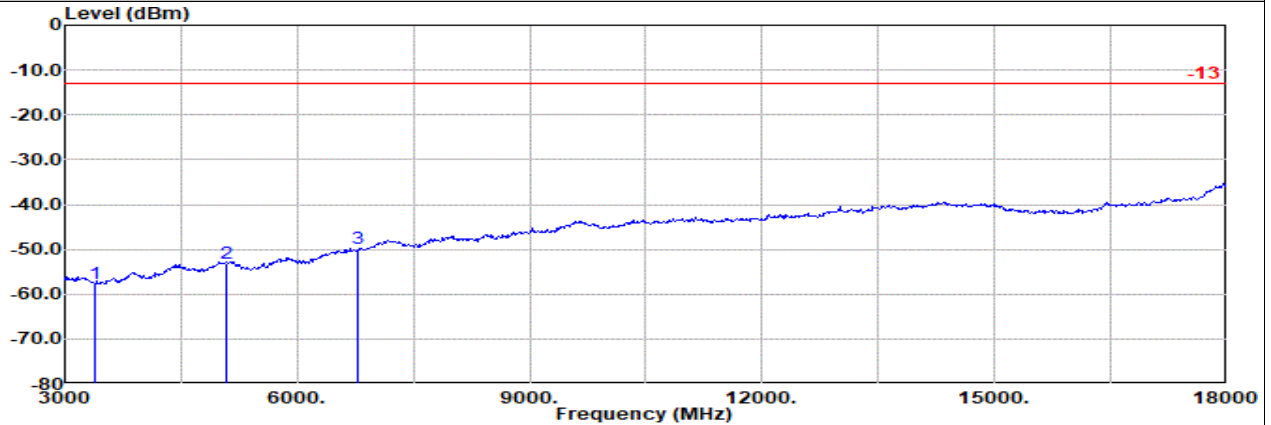


Ant.1

Part 27L Mode 37

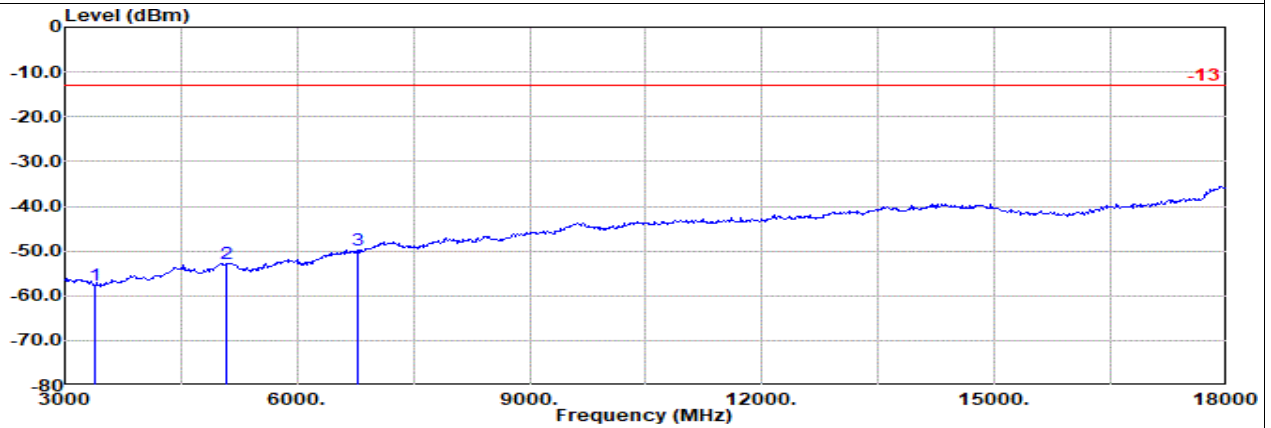
LTE B70 10M Ch133047 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 70 10M Ch133047 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |            |
| 1 | 3396.18    | -57.53 | RMS      | 29.51             | -24.94 | 0.92   | -95.23   | 32.21 | -13.00 | -44.53 | Horizontal |
| 2 | 5094.27    | -53.01 | RMS      | 33.20             | -22.55 | 0.50   | -95.23   | 31.07 | -13.00 | -40.01 | Horizontal |
| 3 | 6792.36    | -49.72 | RMS      | 35.88             | -20.66 | 0.45   | -95.23   | 29.84 | -13.00 | -36.72 | Horizontal |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 70 10M Ch133047 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |          |
| 1 | 3396.18    | -57.55 | RMS      | 29.51             | -24.94 | 0.92   | -95.23   | 32.19 | -13.00 | -44.55 | Vertical |
| 2 | 5094.27    | -52.90 | RMS      | 33.20             | -22.55 | 0.50   | -95.23   | 31.18 | -13.00 | -39.90 | Vertical |
| 3 | 6792.36    | -49.84 | RMS      | 35.88             | -20.66 | 0.45   | -95.23   | 29.72 | -13.00 | -36.84 | Vertical |

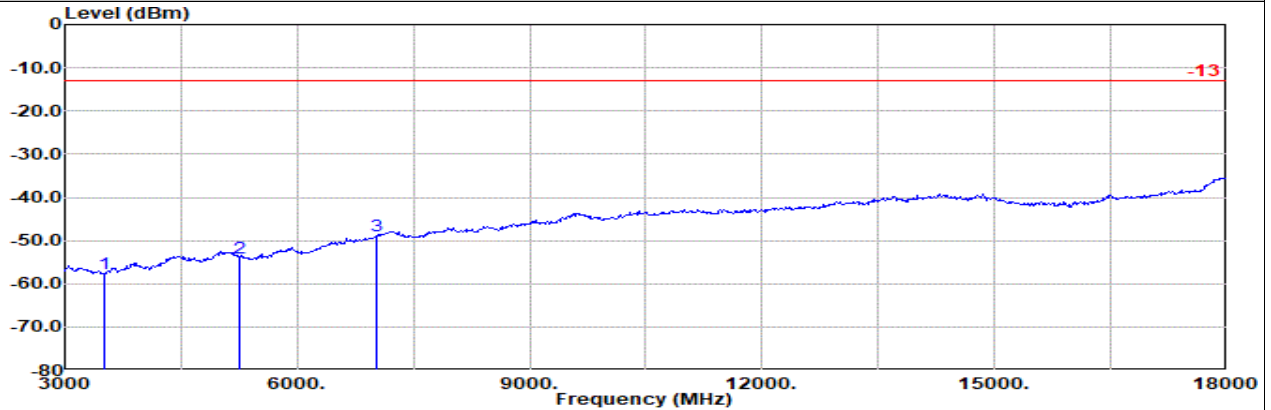


## Ant.1

## Part 27L Mode 41

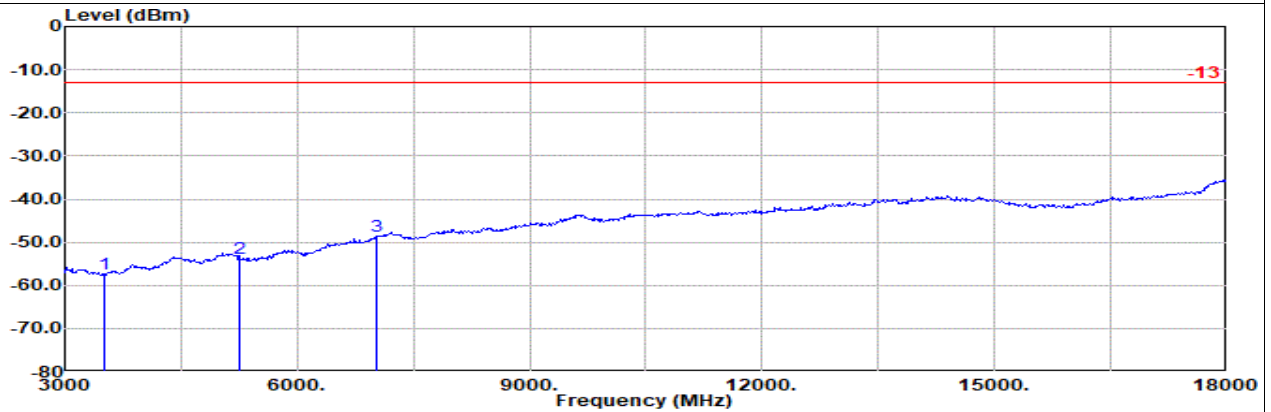
LTE CA B66C 20M + 20M Ch132323 1RB99 QPSK + Ch132521 1RB0 QPSK

## M



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 66 20M Ch132323 1RB99 QPSK  
: LTE Band 66 20M Ch132521 1RB0 QPSK

|   | 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 | 3510.00    | -57.55 | RMS      |            | 29.62  | -24.82 | 0.89   | -95.23 | 31.99    | -13.00 | -44.55 | Horizontal |     |
| 2 | 5265.00    | -53.97 | RMS      |            | 32.97  | -22.41 | 0.54   | -95.23 | 30.16    | -13.00 | -40.97 | Horizontal |     |
| 3 | 7020.00    | -49.01 | RMS      |            | 35.98  | -20.65 | 0.48   | -95.23 | 30.41    | -13.00 | -36.01 | Horizontal |     |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 66 20M Ch132323 1RB99 QPSK  
: LTE Band 66 20M Ch132521 1RB0 QPSK

|   | 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 | 3510.00    | -57.43 | RMS      |            | 29.62  | -24.82 | 0.89   | -95.23 | 32.11    | -13.00 | -44.43 | Vertical |     |
| 2 | 5265.00    | -53.69 | RMS      |            | 32.97  | -22.41 | 0.54   | -95.23 | 30.44    | -13.00 | -40.69 | Vertical |     |
| 3 | 7020.00    | -48.71 | RMS      |            | 35.98  | -20.65 | 0.48   | -95.23 | 30.71    | -13.00 | -35.71 | Vertical |     |

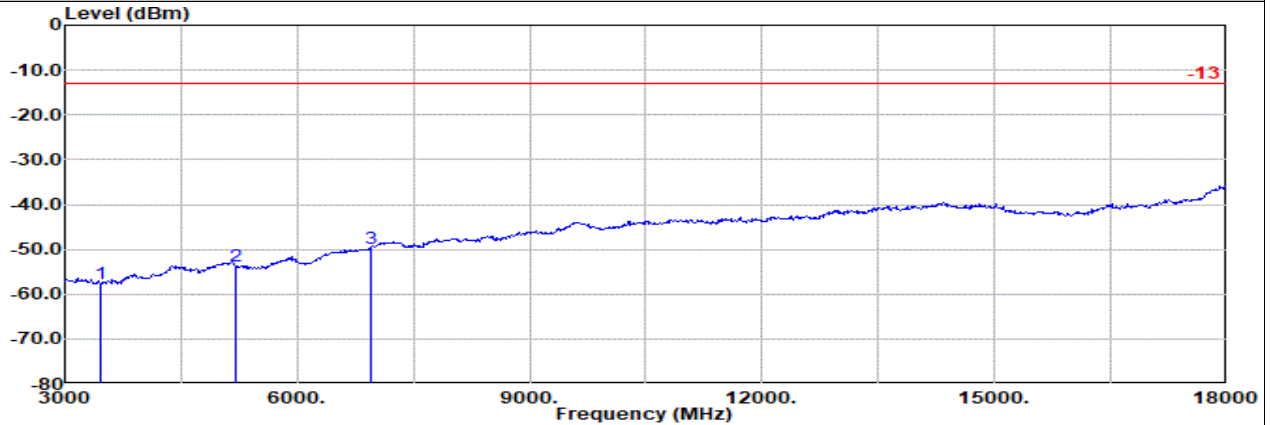


Ant.2

Part 27L Mode 34

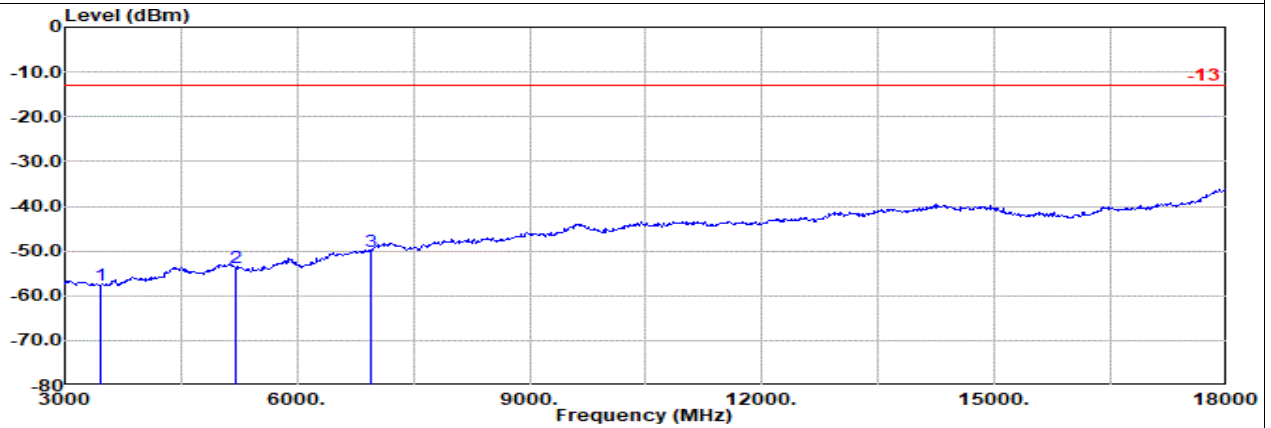
LTE B66 20M Ch132322 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 66 20M Ch132322 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 3472.18    | -57.64 | RMS      | 29.54             | -24.86 | 0.90   | -95.23 | 32.01 | -13.00 | -44.64   | Horizontal |     |        |     |
| 2 | 5208.27    | -53.65 | RMS      | 33.08             | -22.45 | 0.51   | -95.23 | 30.44 | -13.00 | -40.65   | Horizontal |     |        |     |
| 3 | 6944.36    | -49.76 | RMS      | 35.80             | -20.62 | 0.46   | -95.23 | 29.83 | -13.00 | -36.76   | Horizontal |     |        |     |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 66 20M Ch132322 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 3472.18    | -57.65 | RMS      | 29.54             | -24.86 | 0.90   | -95.23 | 32.00 | -13.00 | -44.65   | Vertical |     |        |     |
| 2 | 5208.27    | -53.67 | RMS      | 33.08             | -22.45 | 0.51   | -95.23 | 30.42 | -13.00 | -40.67   | Vertical |     |        |     |
| 3 | 6944.36    | -50.10 | RMS      | 35.80             | -20.62 | 0.46   | -95.23 | 29.49 | -13.00 | -37.10   | Vertical |     |        |     |

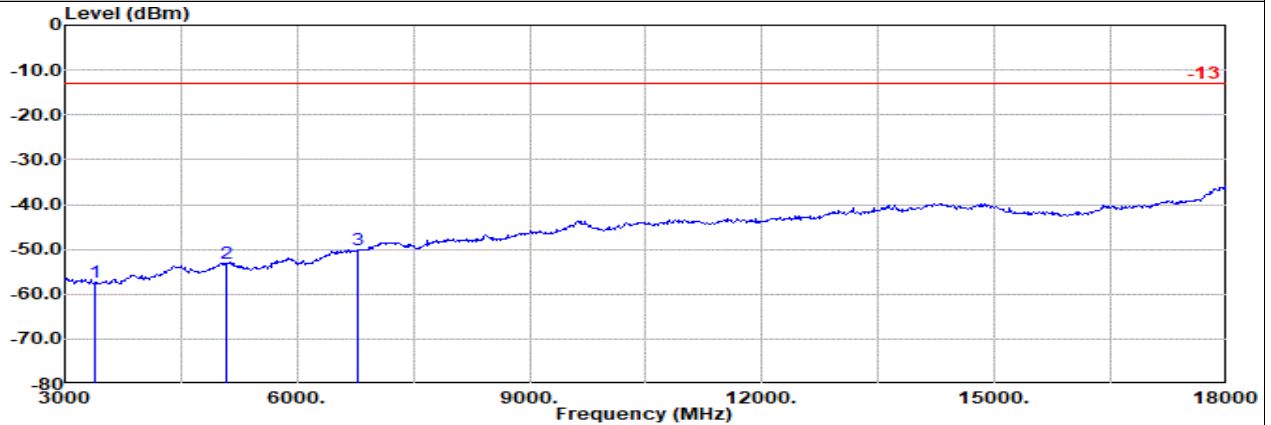


Ant.2

Part 27L Mode 38

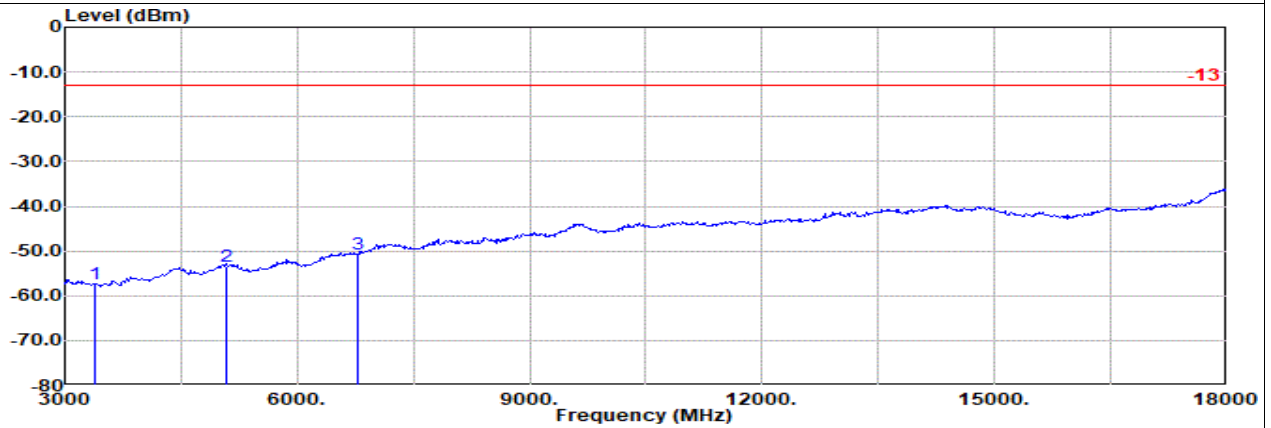
LTE B70 10M Ch133047 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 70 10M Ch133047 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |            |
| 1 | 3396.18    | -57.37 | RMS      | 29.51             | -24.94 | 0.92   | -95.23   | 32.37 | -13.00 | -44.37 | Horizontal |
| 2 | 5094.27    | -53.17 | RMS      | 33.20             | -22.55 | 0.50   | -95.23   | 30.91 | -13.00 | -40.17 | Horizontal |
| 3 | 6792.36    | -50.06 | RMS      | 35.88             | -20.66 | 0.45   | -95.23   | 29.50 | -13.00 | -37.06 | Horizontal |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 70 10M Ch133047 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |          |
| 1 | 3396.18    | -57.45 | RMS      | 29.51             | -24.94 | 0.92   | -95.23   | 32.29 | -13.00 | -44.45 | Vertical |
| 2 | 5094.27    | -53.42 | RMS      | 33.20             | -22.55 | 0.50   | -95.23   | 30.66 | -13.00 | -40.42 | Vertical |
| 3 | 6792.36    | -50.59 | RMS      | 35.88             | -20.66 | 0.45   | -95.23   | 28.97 | -13.00 | -37.59 | Vertical |

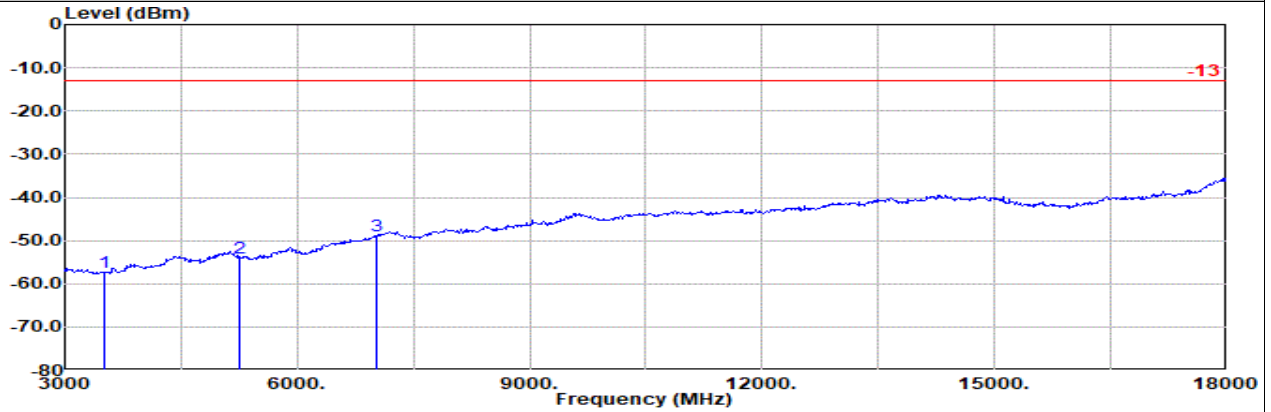


Ant.2

Part 27L Mode 42

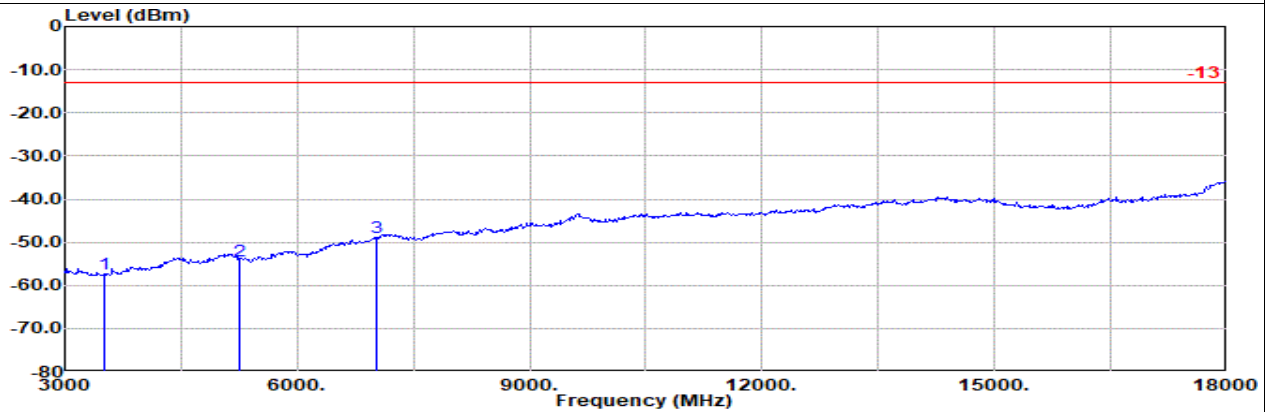
LTE CA B66C 20M + 20M Ch132323 1RB99 QPSK + Ch132521 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Horizontal  
: LTE Band 66 20M Ch132323 1RB99 QPSK  
: LTE Band 66 20M Ch132521 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb |        | Filter | EIRPCF |       | Readin | Limit  | Margin Pol |  |
|---|------------|--------|----------|------------|--------|--------|--------|-------|--------|--------|------------|--|
|   | MHz        | dBm    |          | Factor     | 1      |        | dB     | dB    |        |        |            |  |
| 1 | 3512.00    | -57.26 | RMS      | 29.62      | -24.82 | 0.89   | -95.23 | 32.28 | -13.00 | -44.26 | Horizontal |  |
| 2 | 5262.00    | -54.05 | RMS      | 32.98      | -22.41 | 0.53   | -95.23 | 30.08 | -13.00 | -41.05 | Horizontal |  |
| 3 | 7016.00    | -48.86 | RMS      | 35.96      | -20.64 | 0.48   | -95.23 | 30.57 | -13.00 | -35.86 | Horizontal |  |



Site : 03CH11-HY  
Condition: -13 3m 9120D\_01620\_230817 Vertical  
: LTE Band 66 20M Ch132323 1RB99 QPSK  
: LTE Band 66 20M Ch132521 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb |        | Filter | EIRPCF |       | Readin | Limit  | Margin Pol |  |
|---|------------|--------|----------|------------|--------|--------|--------|-------|--------|--------|------------|--|
|   | MHz        | dBm    |          | Factor     | 1      |        | dB     | dB    |        |        |            |  |
| 1 | 3512.00    | -57.44 | RMS      | 29.62      | -24.82 | 0.89   | -95.23 | 32.10 | -13.00 | -44.44 | Vertical   |  |
| 2 | 5262.00    | -54.22 | RMS      | 32.98      | -22.41 | 0.53   | -95.23 | 29.91 | -13.00 | -41.22 | Vertical   |  |
| 3 | 7016.00    | -48.87 | RMS      | 35.96      | -20.64 | 0.48   | -95.23 | 30.56 | -13.00 | -35.87 | Vertical   |  |

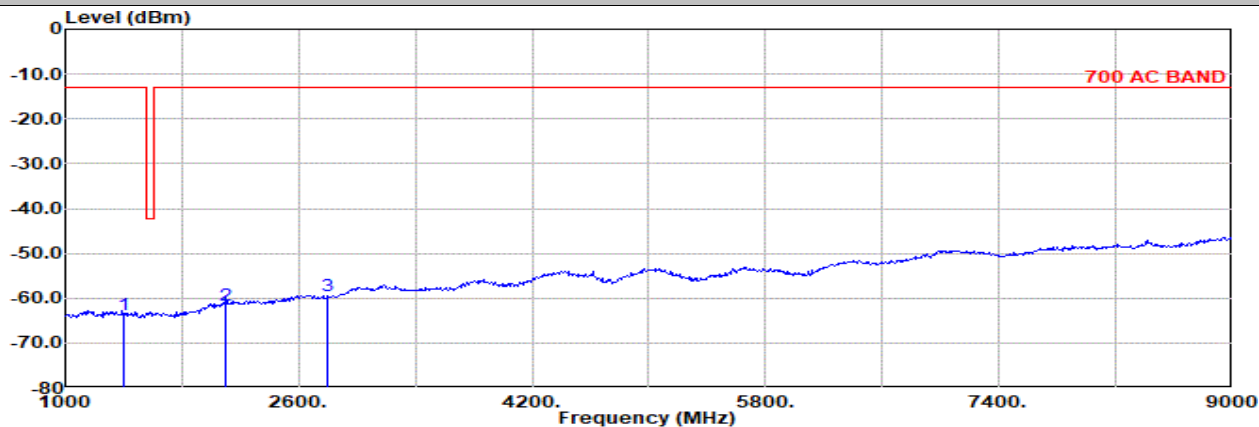


Ant.0

Part 27H Mode 51

LTE B12 10M Ch23060 1RB0 QPSK

L

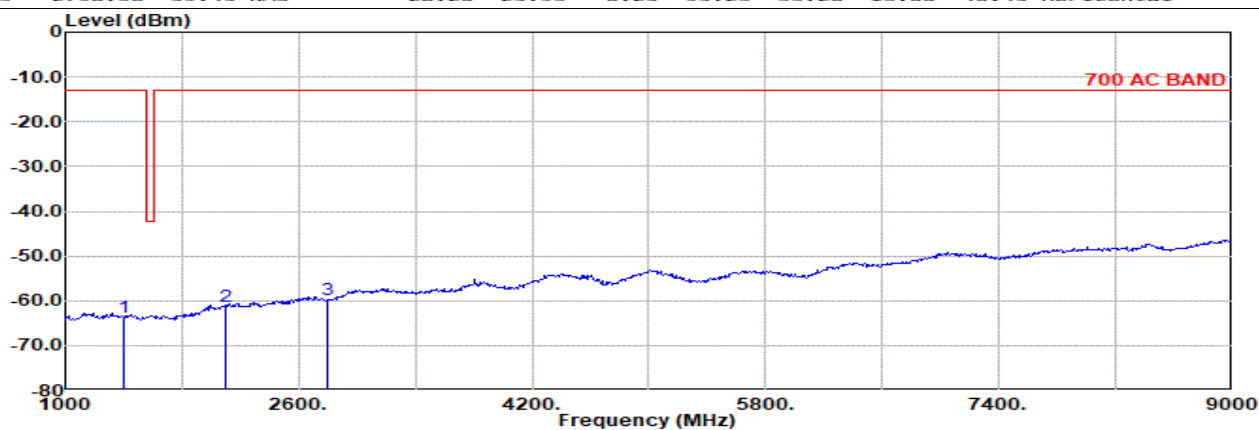


Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Horizontal

: LTE Band 12 10M Ch23060 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin | Pol    |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|--------|--------|
|   |         |        |          | Factor            | 1      |        | g      |       |        |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm    | dB     |
| 1 | 1399.18 | -63.73 | RMS      | 25.90             | -29.61 | 0.68   | -95.23 | 34.53 | -13.00 | -50.73 |
| 2 | 2098.77 | -61.68 | RMS      | 27.21             | -26.86 | 0.13   | -95.23 | 33.07 | -13.00 | -48.68 |
| 3 | 2798.36 | -59.45 | RMS      | 28.20             | -25.93 | 0.25   | -95.23 | 33.26 | -13.00 | -46.45 |



Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Vertical

: LTE Band 12 10M Ch23060 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin | Pol    |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|--------|--------|
|   |         |        |          | Factor            | 1      |        | g      |       |        |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm    | dB     |
| 1 | 1399.18 | -63.63 | RMS      | 25.90             | -29.61 | 0.68   | -95.23 | 34.63 | -13.00 | -50.63 |
| 2 | 2098.77 | -61.39 | RMS      | 27.21             | -26.86 | 0.13   | -95.23 | 33.36 | -13.00 | -48.39 |
| 3 | 2798.36 | -59.65 | RMS      | 28.20             | -25.93 | 0.25   | -95.23 | 33.06 | -13.00 | -46.65 |

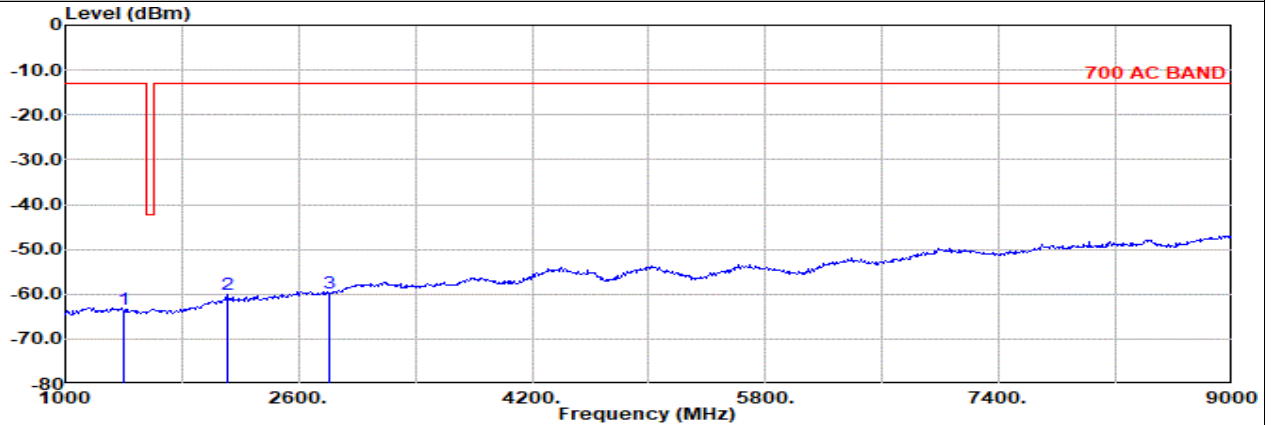


Ant.0

Part 27H Mode 51

LTE B12 10M Ch23095 1RB0 QPSK

M

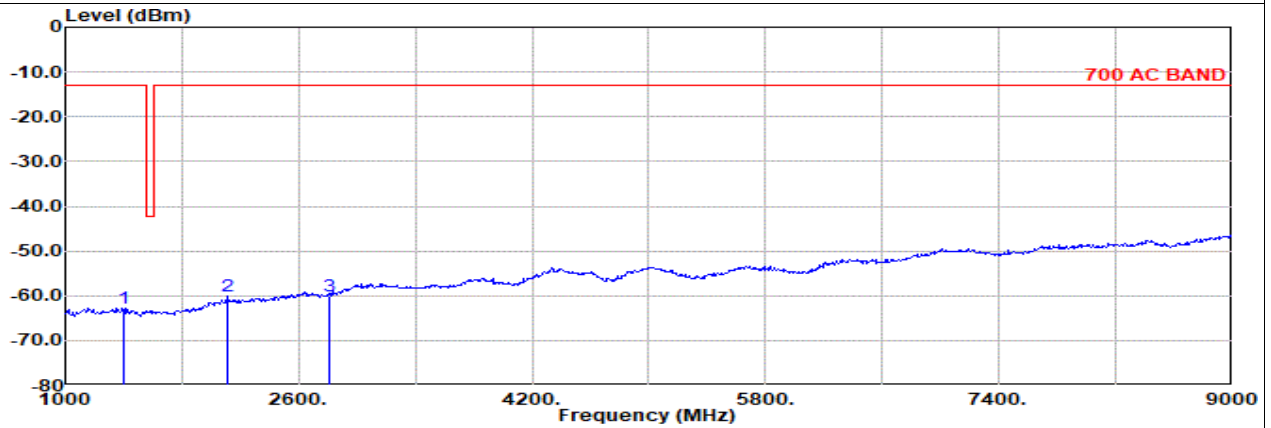


Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Horizontal

: LTE Band 12 10M Ch23095 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                   |
|   | MHz     | dBm    |          |                   |        |        |        |       |            |                   |
| 1 | 1406.18 | -63.36 | RMS      | 25.84             | -29.56 | 0.67   | -95.23 | 34.92 | -13.00     | -50.36 Horizontal |
| 2 | 2109.27 | -59.99 | RMS      | 27.39             | -26.86 | 0.14   | -95.23 | 34.57 | -13.00     | -46.99 Horizontal |
| 3 | 2812.36 | -59.78 | RMS      | 28.20             | -25.91 | 0.25   | -95.23 | 32.91 | -13.00     | -46.78 Horizontal |



Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Vertical

: LTE Band 12 10M Ch23095 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                 |
|   | MHz     | dBm    |          |                   |        |        |        |       |            |                 |
| 1 | 1406.18 | -62.83 | RMS      | 25.84             | -29.56 | 0.67   | -95.23 | 35.45 | -13.00     | -49.83 Vertical |
| 2 | 2109.27 | -60.17 | RMS      | 27.39             | -26.86 | 0.14   | -95.23 | 34.39 | -13.00     | -47.17 Vertical |
| 3 | 2812.36 | -60.00 | RMS      | 28.20             | -25.91 | 0.25   | -95.23 | 32.69 | -13.00     | -47.00 Vertical |

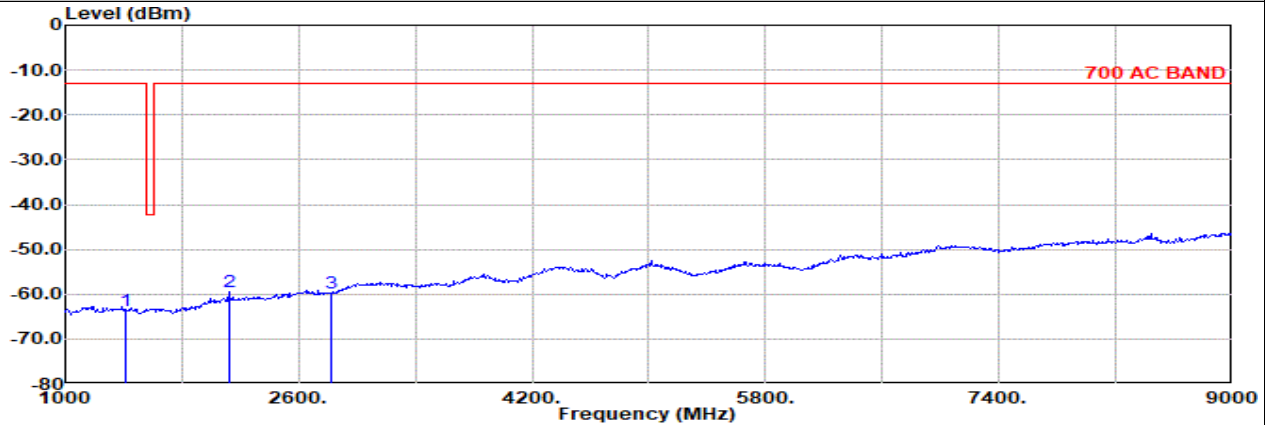


Ant.0

Part 27H Mode 51

LTE B12 10M Ch23130 1RB0 QPSK

H

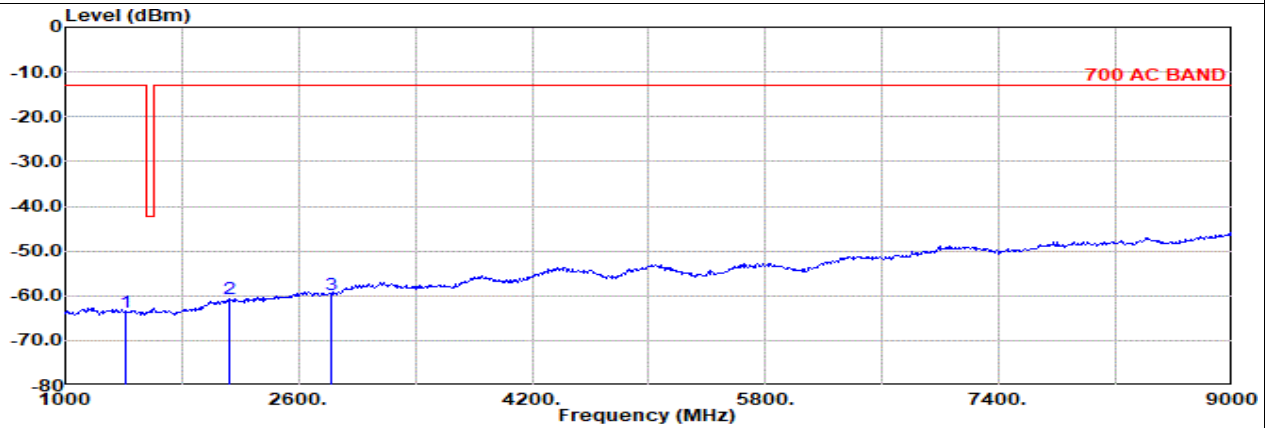


Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Horizontal

: LTE Band 12 10M Ch23130 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        |          |        |          |        |        |            |
| 1 | 1413.18 | -63.75 | RMS      | 25.83      | -29.52 | 0.66     | -95.23 | 34.51    | -13.00 | -50.75 | Horizontal |
| 2 | 2119.77 | -59.57 | RMS      | 27.40      | -26.85 | 0.15     | -95.23 | 34.96    | -13.00 | -46.57 | Horizontal |
| 3 | 2826.36 | -59.78 | RMS      | 28.26      | -25.89 | 0.25     | -95.23 | 32.83    | -13.00 | -46.78 | Horizontal |



Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Vertical

: LTE Band 12 10M Ch23130 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        |          |        |          |        |        |          |
| 1 | 1413.18 | -63.63 | RMS      | 25.83      | -29.52 | 0.66     | -95.23 | 34.63    | -13.00 | -50.63 | Vertical |
| 2 | 2119.77 | -60.69 | RMS      | 27.40      | -26.85 | 0.15     | -95.23 | 33.84    | -13.00 | -47.69 | Vertical |
| 3 | 2826.36 | -59.73 | RMS      | 28.26      | -25.89 | 0.25     | -95.23 | 32.88    | -13.00 | -46.73 | Vertical |

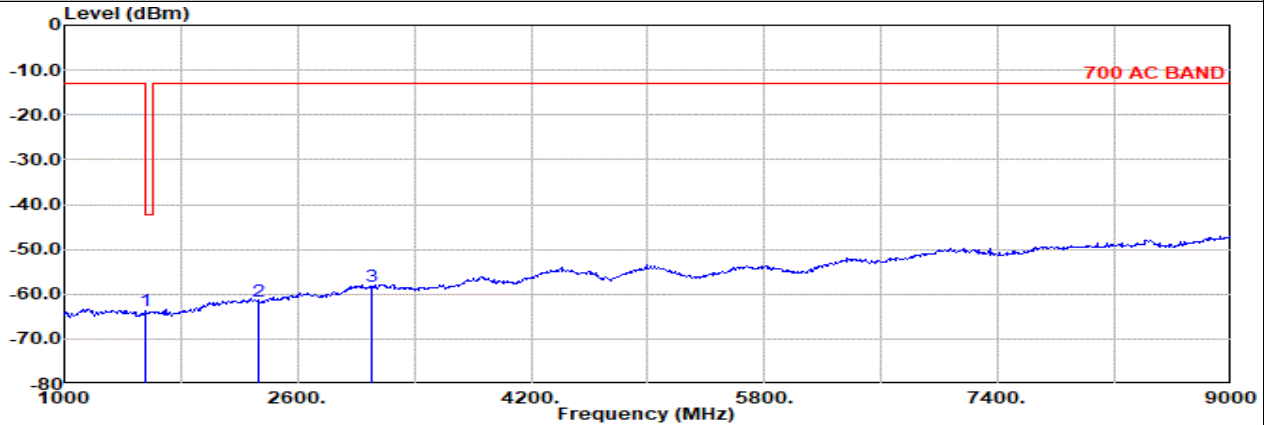


Ant.0

Part 27F Mode 53

LTE B13 5M Ch23205 1RB0 QPSK

L

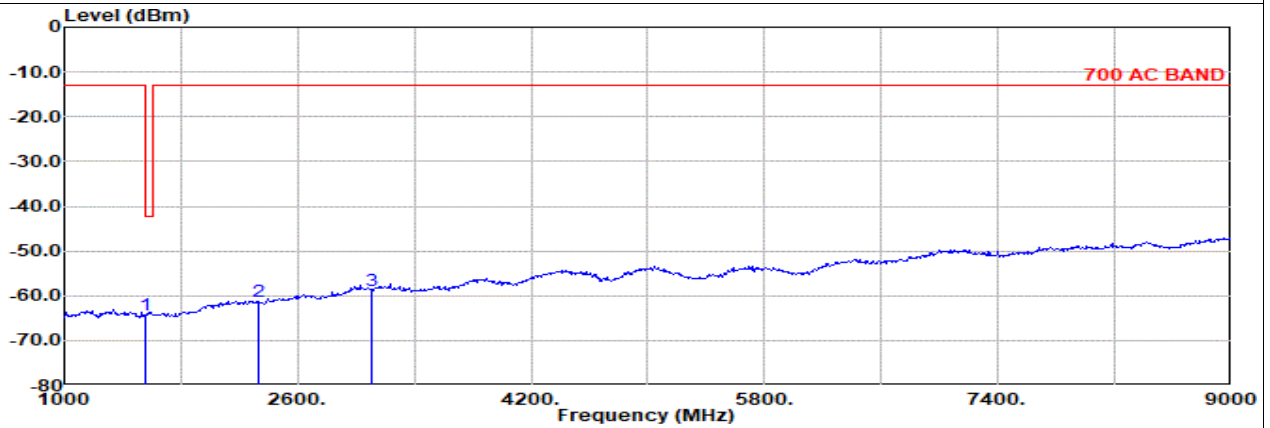


Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Horizontal

: LTE Band 13 5M Ch23205 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 1554.68 | -63.70 | RMS      | 25.15             | -28.73 | 0.46   | -95.23 | 34.65 | -13.00     | -50.70 Horizontal |
| 2 | 2332.02 | -61.48 | RMS      | 27.22             | -26.64 | 0.23   | -95.23 | 32.94 | -13.00     | -48.48 Horizontal |
| 3 | 3109.36 | -58.26 | RMS      | 29.57             | -25.43 | 0.26   | -95.23 | 32.57 | -13.00     | -45.26 Horizontal |



Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Vertical

: LTE Band 13 5M Ch23205 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 1554.68 | -64.24 | RMS      | 25.15             | -28.73 | 0.46   | -95.23 | 34.11 | -13.00     | -51.24 Vertical |
| 2 | 2332.02 | -61.34 | RMS      | 27.22             | -26.64 | 0.23   | -95.23 | 33.08 | -13.00     | -48.34 Vertical |
| 3 | 3109.36 | -58.73 | RMS      | 29.57             | -25.43 | 0.26   | -95.23 | 32.10 | -13.00     | -45.73 Vertical |

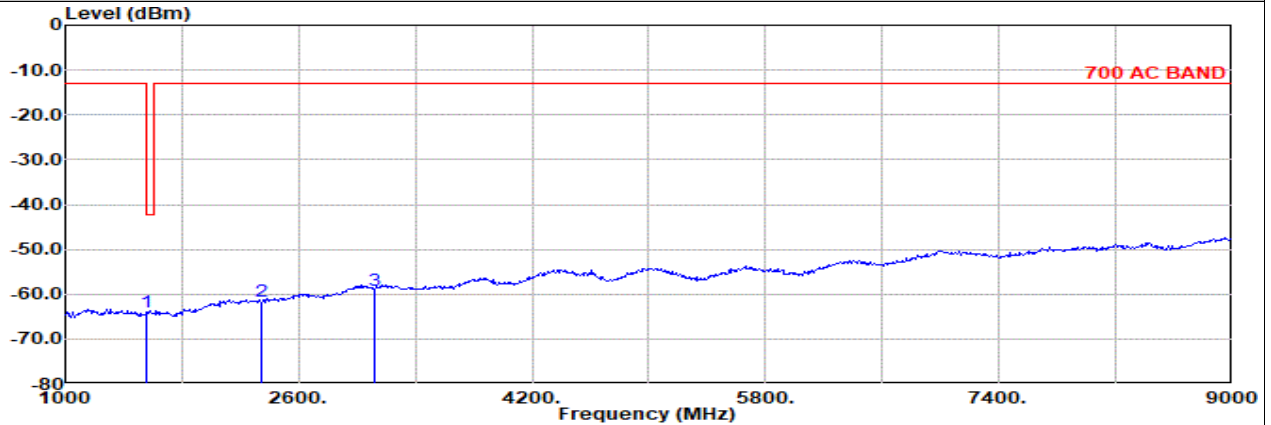


Ant.0

Part 27F Mode 53

LTE B13 5M Ch23230 1RB0 QPSK

M

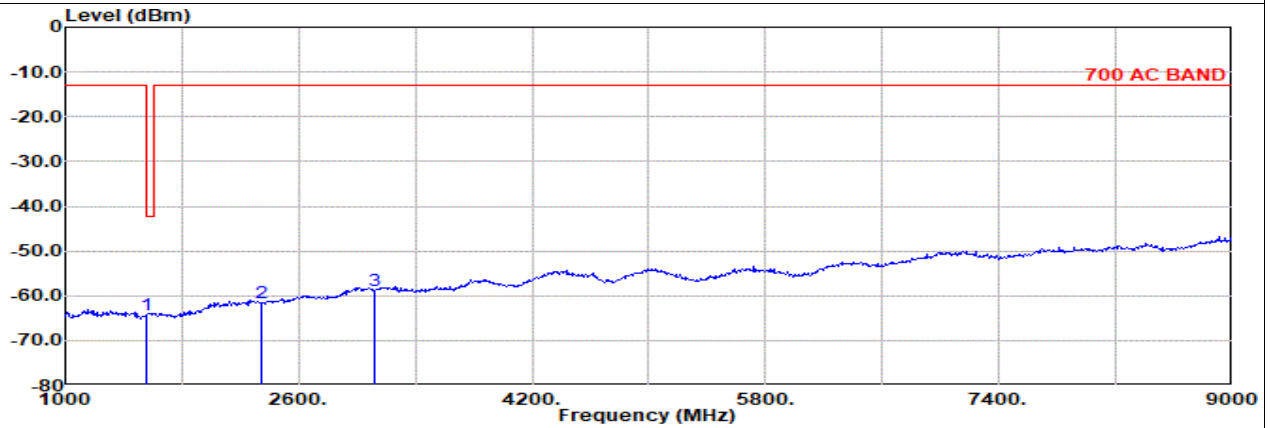


Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Horizontal

: LTE Band 13 5M Ch23230 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 1559.68 | -63.98 | RMS      | 25.10             | -28.72 | 0.46   | -95.23 | 34.41 | -42.15     | -21.83 Horizontal |
| 2 | 2339.52 | -61.69 | RMS      | 27.30             | -26.62 | 0.23   | -95.23 | 32.63 | -13.00     | -48.69 Horizontal |
| 3 | 3119.36 | -59.03 | RMS      | 29.65             | -25.41 | 0.26   | -95.23 | 31.70 | -13.00     | -46.03 Horizontal |



Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Vertical

: LTE Band 13 5M Ch23230 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 1559.68 | -64.39 | RMS      | 25.10             | -28.72 | 0.46   | -95.23 | 34.00 | -42.15     | -22.24 Vertical |
| 2 | 2339.52 | -61.67 | RMS      | 27.30             | -26.62 | 0.23   | -95.23 | 32.65 | -13.00     | -48.67 Vertical |
| 3 | 3119.36 | -58.90 | RMS      | 29.65             | -25.41 | 0.26   | -95.23 | 31.83 | -13.00     | -45.90 Vertical |

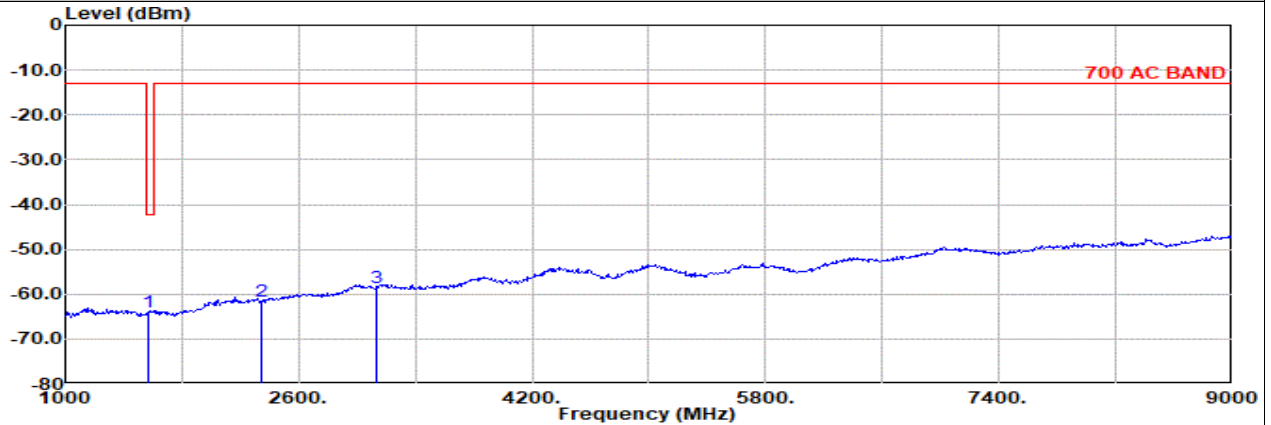


Ant.0

Part 27F Mode 53

LTE B13 5M Ch23255 1RB0 QPSK

H

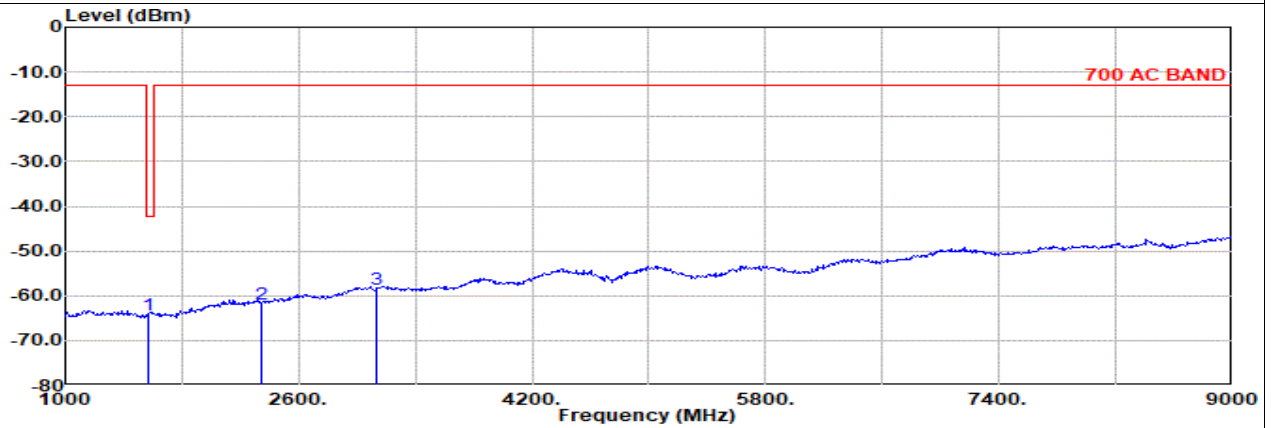


Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Horizontal

: LTE Band 13 5M Ch23255 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 1564.68 | -64.06 | RMS      | 25.19             | -28.70 | 0.45   | -95.23 | 34.23 | -42.15     | -21.91 Horizontal |
| 2 | 2347.02 | -61.59 | RMS      | 27.30             | -26.61 | 0.23   | -95.23 | 32.72 | -13.00     | -48.59 Horizontal |
| 3 | 3129.36 | -58.50 | RMS      | 29.73             | -25.39 | 0.27   | -95.23 | 32.12 | -13.00     | -45.50 Horizontal |



Site : 03CH11-HY

Condition: 700 AC BAND 3m 9120D\_01620\_230817 Vertical

: LTE Band 13 5M Ch23255 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 1564.68 | -64.25 | RMS      | 25.19             | -28.70 | 0.45   | -95.23 | 34.04 | -42.15     | -22.10 Vertical |
| 2 | 2347.02 | -61.83 | RMS      | 27.30             | -26.61 | 0.23   | -95.23 | 32.48 | -13.00     | -48.83 Vertical |
| 3 | 3129.36 | -58.42 | RMS      | 29.73             | -25.39 | 0.27   | -95.23 | 32.20 | -13.00     | -45.42 Vertical |

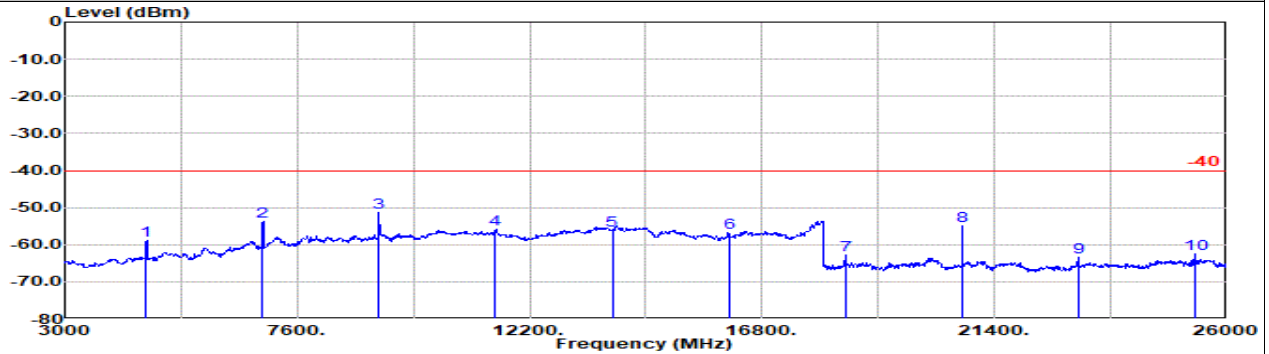


Ant.0

Part 27D Mode 57

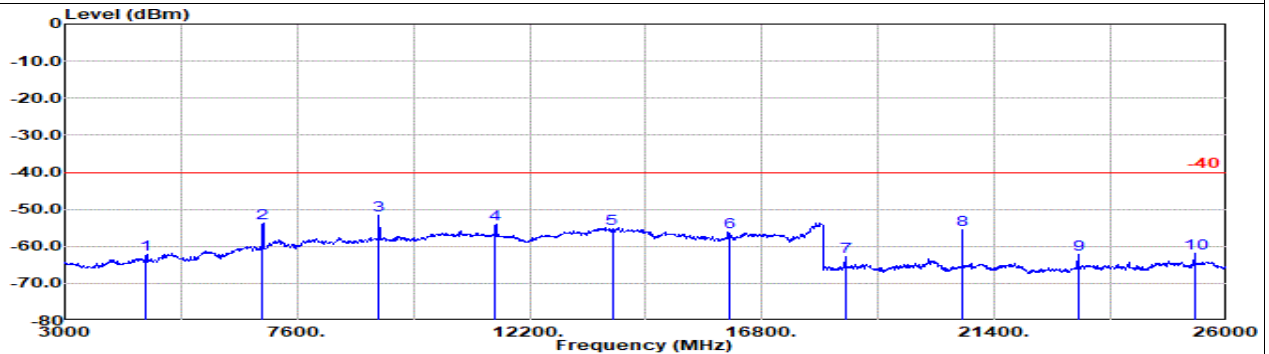
LTE B30 5M Ch27685 1RB0 QPSK

L



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Horizontal  
: LTE Band 30 5M Ch27685 1RB0 QPSK

|    | Freq     | Level  | Detector | Ant<br>Factor | Amp\Cb<br>1 | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol        |
|----|----------|--------|----------|---------------|-------------|--------|--------|-------------|--------|--------|------------|
|    | MHz      | dBm    |          |               | dB          | dB     | dB     | dBuV        | dBm    | dB     |            |
| 1  | 4610.68  | -58.87 | RMS      | 31.74         | -46.51      | 0.59   | -95.23 | 50.54       | -40.00 | -18.87 | Horizontal |
| 2  | 6916.02  | -53.78 | RMS      | 35.80         | -44.32      | 0.46   | -95.23 | 49.51       | -40.00 | -13.78 | Horizontal |
| 3  | 9221.36  | -51.41 | RMS      | 38.14         | -42.70      | 0.61   | -95.23 | 47.77       | -40.00 | -11.41 | Horizontal |
| 4  | 11526.70 | -55.78 | RMS      | 38.95         | -43.68      | 0.53   | -95.23 | 43.65       | -40.00 | -15.78 | Horizontal |
| 5  | 13832.04 | -56.05 | RMS      | 40.10         | -43.74      | 0.59   | -95.23 | 42.23       | -40.00 | -16.05 | Horizontal |
| 6  | 16137.38 | -56.76 | RMS      | 37.73         | -39.24      | 0.71   | -95.23 | 39.27       | -40.00 | -16.76 | Horizontal |
| 7  | 18442.72 | -62.83 | RMS      | 37.64         | -39.97      | -9.54  | -95.23 | 44.27       | -40.00 | -22.83 | Horizontal |
| 8  | 20748.06 | -54.89 | RMS      | 38.00         | -35.80      | -9.54  | -95.23 | 47.68       | -40.00 | -14.89 | Horizontal |
| 9  | 23053.40 | -63.35 | RMS      | 38.91         | -33.51      | -9.54  | -95.23 | 36.02       | -40.00 | -23.35 | Horizontal |
| 10 | 25358.74 | -62.48 | RMS      | 39.38         | -32.03      | -9.54  | -95.23 | 34.94       | -40.00 | -22.48 | Horizontal |



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Vertical  
: LTE Band 30 5M Ch27685 1RB0 QPSK

|    | Freq     | Level  | Detector | Ant<br>Factor | Amp\Cb<br>1 | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol      |
|----|----------|--------|----------|---------------|-------------|--------|--------|-------------|--------|--------|----------|
|    | MHz      | dBm    |          |               | dB          | dB     | dB     | dBuV        | dBm    | dB     |          |
| 1  | 4610.68  | -62.07 | RMS      | 31.74         | -46.51      | 0.59   | -95.23 | 47.34       | -40.00 | -22.07 | Vertical |
| 2  | 6916.02  | -53.63 | RMS      | 35.80         | -44.32      | 0.46   | -95.23 | 49.66       | -40.00 | -13.63 | Vertical |
| 3  | 9221.36  | -51.54 | RMS      | 38.14         | -42.70      | 0.61   | -95.23 | 47.64       | -40.00 | -11.54 | Vertical |
| 4  | 11526.70 | -54.13 | RMS      | 38.95         | -43.68      | 0.53   | -95.23 | 45.30       | -40.00 | -14.13 | Vertical |
| 5  | 13832.04 | -55.29 | RMS      | 40.10         | -43.74      | 0.59   | -95.23 | 42.99       | -40.00 | -15.29 | Vertical |
| 6  | 16137.38 | -56.02 | RMS      | 37.73         | -39.24      | 0.71   | -95.23 | 40.01       | -40.00 | -16.02 | Vertical |
| 7  | 18442.72 | -62.86 | RMS      | 37.64         | -39.97      | -9.54  | -95.23 | 44.24       | -40.00 | -22.86 | Vertical |
| 8  | 20748.06 | -55.62 | RMS      | 38.00         | -35.80      | -9.54  | -95.23 | 46.95       | -40.00 | -15.62 | Vertical |
| 9  | 23053.40 | -62.13 | RMS      | 38.91         | -33.51      | -9.54  | -95.23 | 37.24       | -40.00 | -22.13 | Vertical |
| 10 | 25358.74 | -61.86 | RMS      | 39.38         | -32.03      | -9.54  | -95.23 | 35.56       | -40.00 | -21.86 | Vertical |

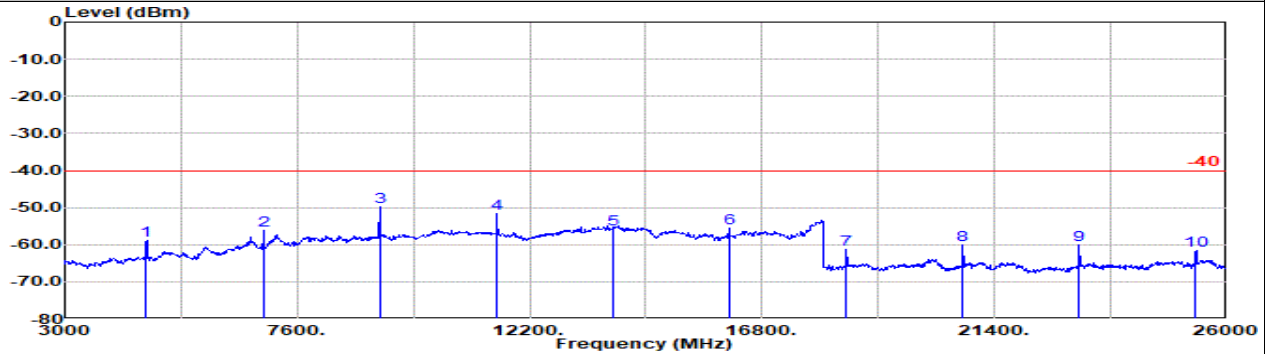


Ant.0

Part 27D Mode 57

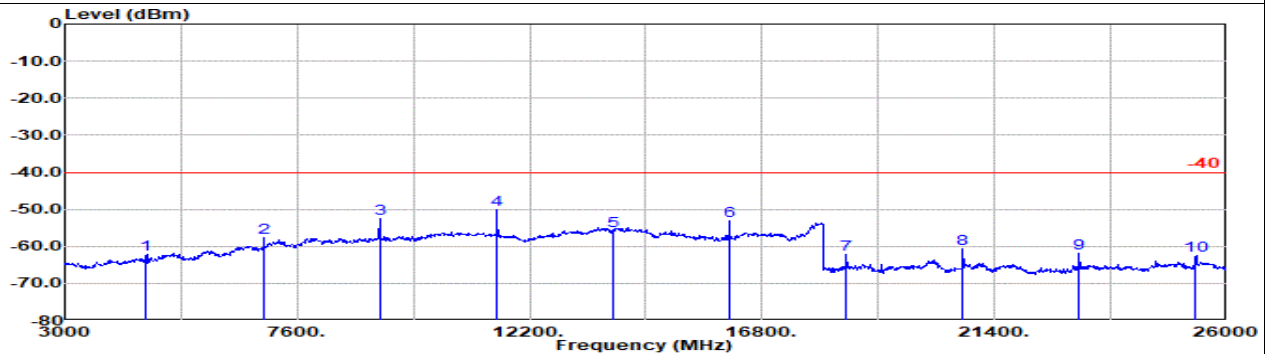
LTE B30 5M Ch27710 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Horizontal  
: LTE Band 30 5M Ch27710 1RB0 QPSK

|    | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|----|----------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|    | MHz      | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1  | 4615.68  | -58.93 | RMS      | 31.76      | -46.52 | 0.60   | -95.23 | 50.46  | -40.00 | -18.93 | Horizontal |
| 2  | 6923.52  | -56.16 | RMS      | 35.80      | -44.33 | 0.46   | -95.23 | 47.14  | -40.00 | -16.16 | Horizontal |
| 3  | 9231.36  | -49.90 | RMS      | 38.16      | -42.69 | 0.61   | -95.23 | 49.25  | -40.00 | -9.90  | Horizontal |
| 4  | 11539.20 | -51.74 | RMS      | 38.92      | -43.70 | 0.53   | -95.23 | 47.74  | -40.00 | -11.74 | Horizontal |
| 5  | 13847.04 | -55.79 | RMS      | 40.10      | -43.76 | 0.59   | -95.23 | 42.51  | -40.00 | -15.79 | Horizontal |
| 6  | 16154.88 | -55.49 | RMS      | 37.70      | -39.19 | 0.71   | -95.23 | 40.52  | -40.00 | -15.49 | Horizontal |
| 7  | 18462.72 | -61.28 | RMS      | 37.63      | -39.95 | -9.54  | -95.23 | 45.81  | -40.00 | -21.28 | Horizontal |
| 8  | 20770.56 | -59.97 | RMS      | 38.00      | -35.78 | -9.54  | -95.23 | 42.58  | -40.00 | -19.97 | Horizontal |
| 9  | 23078.40 | -60.19 | RMS      | 38.96      | -33.48 | -9.54  | -95.23 | 39.10  | -40.00 | -20.19 | Horizontal |
| 10 | 25386.24 | -61.61 | RMS      | 39.33      | -32.04 | -9.54  | -95.23 | 35.87  | -40.00 | -21.61 | Horizontal |



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Vertical  
: LTE Band 30 5M Ch27710 1RB0 QPSK

|    | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|----|----------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|    | MHz      | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1  | 4615.68  | -62.11 | RMS      | 31.76      | -46.52 | 0.60   | -95.23 | 47.28  | -40.00 | -22.11 | Vertical |
| 2  | 6923.52  | -57.67 | RMS      | 35.80      | -44.33 | 0.46   | -95.23 | 45.63  | -40.00 | -17.67 | Vertical |
| 3  | 9231.36  | -52.48 | RMS      | 38.16      | -42.69 | 0.61   | -95.23 | 46.67  | -40.00 | -12.48 | Vertical |
| 4  | 11539.20 | -50.25 | RMS      | 38.92      | -43.70 | 0.53   | -95.23 | 49.23  | -40.00 | -10.25 | Vertical |
| 5  | 13847.04 | -55.89 | RMS      | 40.10      | -43.76 | 0.59   | -95.23 | 42.41  | -40.00 | -15.89 | Vertical |
| 6  | 16154.88 | -53.21 | RMS      | 37.70      | -39.19 | 0.71   | -95.23 | 42.80  | -40.00 | -13.21 | Vertical |
| 7  | 18462.72 | -62.08 | RMS      | 37.63      | -39.95 | -9.54  | -95.23 | 45.01  | -40.00 | -22.08 | Vertical |
| 8  | 20770.56 | -60.77 | RMS      | 38.00      | -35.78 | -9.54  | -95.23 | 41.78  | -40.00 | -20.77 | Vertical |
| 9  | 23078.40 | -61.99 | RMS      | 38.96      | -33.48 | -9.54  | -95.23 | 37.30  | -40.00 | -21.99 | Vertical |
| 10 | 25386.24 | -62.55 | RMS      | 39.33      | -32.04 | -9.54  | -95.23 | 34.93  | -40.00 | -22.55 | Vertical |

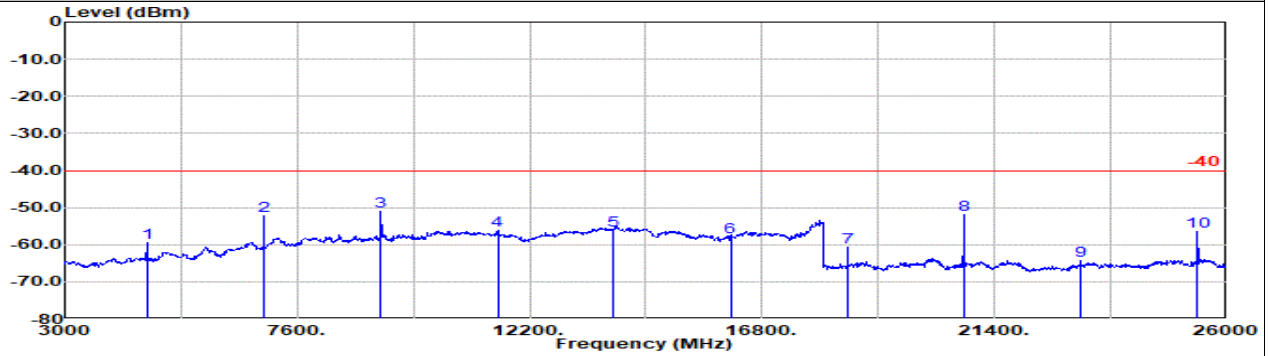


Ant.0

Part 27D Mode 57

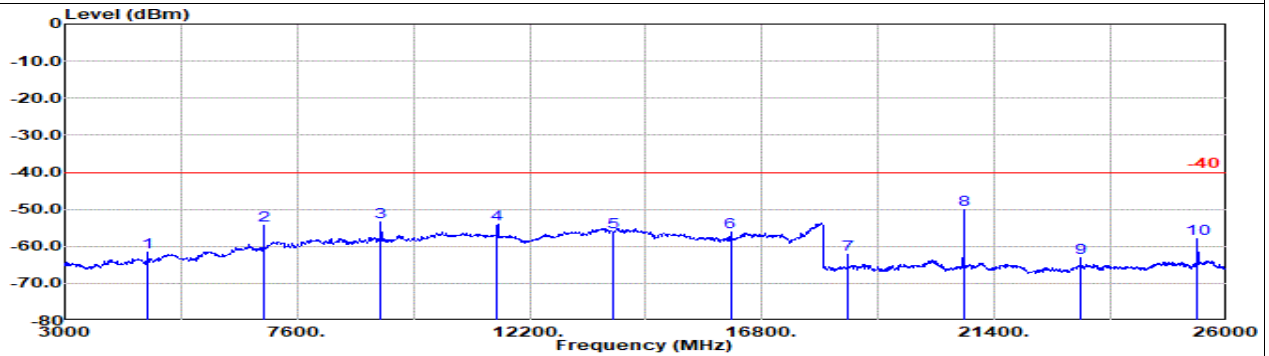
LTE B30 5M Ch27735 1RB0 QPSK

H



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Horizontal  
: LTE Band 30 5M Ch27735 1RB0 QPSK

|    | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|----|----------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|    | MHz      | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1  | 4635.00  | -59.51 | RMS      | 31.84      | -46.55 | 0.62   | -95.23 | 49.81  | -40.00 | -19.51 | Horizontal |
| 2  | 6945.00  | -52.30 | RMS      | 35.80      | -44.34 | 0.46   | -95.23 | 51.01  | -40.00 | -12.30 | Horizontal |
| 3  | 9255.00  | -50.89 | RMS      | 38.19      | -42.64 | 0.60   | -95.23 | 48.19  | -40.00 | -10.89 | Horizontal |
| 4  | 11565.00 | -56.12 | RMS      | 38.84      | -43.75 | 0.53   | -95.23 | 43.49  | -40.00 | -16.12 | Horizontal |
| 5  | 13862.04 | -56.30 | RMS      | 40.17      | -43.78 | 0.59   | -95.23 | 41.95  | -40.00 | -16.30 | Horizontal |
| 6  | 16172.38 | -58.00 | RMS      | 37.70      | -39.13 | 0.71   | -95.23 | 37.95  | -40.00 | -18.00 | Horizontal |
| 7  | 18482.72 | -60.73 | RMS      | 37.67      | -39.94 | -9.54  | -95.23 | 46.31  | -40.00 | -20.73 | Horizontal |
| 8  | 20793.06 | -51.93 | RMS      | 38.00      | -35.77 | -9.54  | -95.23 | 50.61  | -40.00 | -11.93 | Horizontal |
| 9  | 23103.40 | -64.35 | RMS      | 38.99      | -33.45 | -9.54  | -95.23 | 34.88  | -40.00 | -24.35 | Horizontal |
| 10 | 25413.74 | -56.36 | RMS      | 39.27      | -32.06 | -9.54  | -95.23 | 41.20  | -40.00 | -16.36 | Horizontal |



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Vertical  
: LTE Band 30 5M Ch27735 1RB0 QPSK

|    | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|----|----------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|    | MHz      | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1  | 4620.68  | -61.54 | RMS      | 31.78      | -46.53 | 0.60   | -95.23 | 47.84  | -40.00 | -21.54 | Vertical |
| 2  | 6931.02  | -54.46 | RMS      | 35.80      | -44.33 | 0.46   | -95.23 | 48.84  | -40.00 | -14.46 | Vertical |
| 3  | 9241.36  | -53.44 | RMS      | 38.18      | -42.67 | 0.61   | -95.23 | 45.67  | -40.00 | -13.44 | Vertical |
| 4  | 11551.70 | -53.99 | RMS      | 38.89      | -43.73 | 0.53   | -95.23 | 45.55  | -40.00 | -13.99 | Vertical |
| 5  | 13862.04 | -56.25 | RMS      | 40.17      | -43.78 | 0.59   | -95.23 | 42.00  | -40.00 | -16.25 | Vertical |
| 6  | 16172.38 | -56.02 | RMS      | 37.70      | -39.13 | 0.71   | -95.23 | 39.93  | -40.00 | -16.02 | Vertical |
| 7  | 18482.72 | -62.33 | RMS      | 37.67      | -39.94 | -9.54  | -95.23 | 44.71  | -40.00 | -22.33 | Vertical |
| 8  | 20793.06 | -50.15 | RMS      | 38.00      | -35.77 | -9.54  | -95.23 | 52.39  | -40.00 | -10.15 | Vertical |
| 9  | 23103.40 | -63.00 | RMS      | 38.99      | -33.45 | -9.54  | -95.23 | 36.23  | -40.00 | -23.00 | Vertical |
| 10 | 25413.74 | -57.89 | RMS      | 39.27      | -32.06 | -9.54  | -95.23 | 39.67  | -40.00 | -17.89 | Vertical |

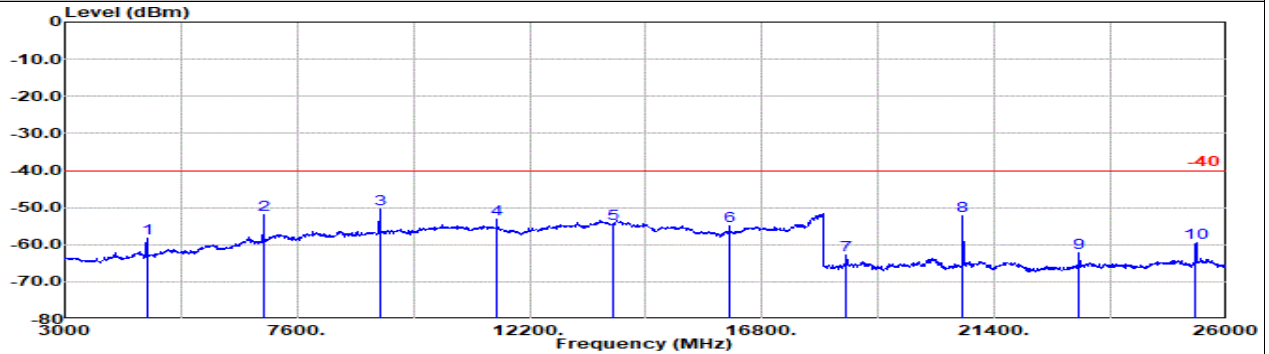


Ant.3

Part 27D Mode 58

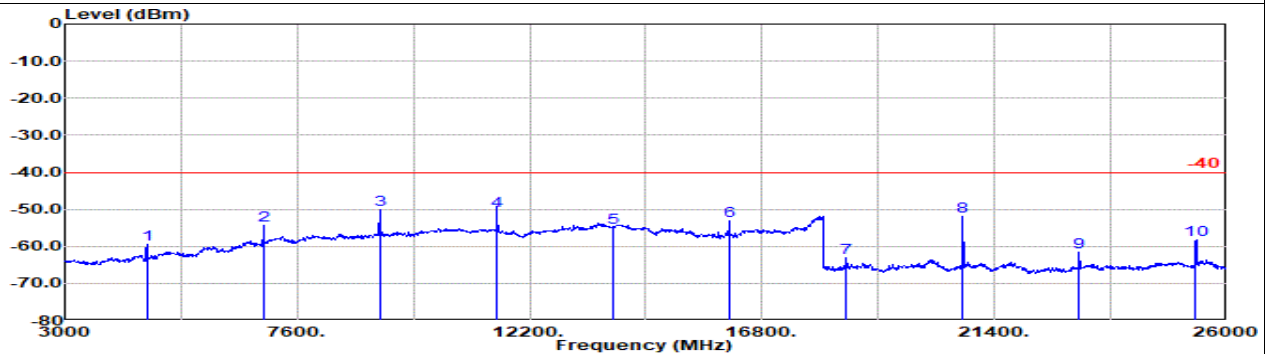
LTE B30 5M Ch27710 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Horizontal  
: LTE Band 30 5M Ch27710 1RB0 QPSK

|    | Freq     | Level  | Detector | Ant<br>Factor | Amp\Cb<br>1 | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol        |
|----|----------|--------|----------|---------------|-------------|--------|--------|-------------|--------|--------|------------|
|    | MHz      | dBm    |          |               | dB          | dB     | dB     | dBuV        | dBm    | dB     |            |
| 1  | 4620.00  | -58.26 | RMS      | 31.78         | -46.27      | 0.60   | -95.23 | 50.86       | -40.00 | -18.26 | Horizontal |
| 2  | 6930.00  | -51.88 | RMS      | 35.80         | -43.87      | 0.46   | -95.23 | 50.96       | -40.00 | -11.88 | Horizontal |
| 3  | 9240.00  | -50.30 | RMS      | 38.18         | -42.14      | 0.61   | -95.23 | 48.28       | -40.00 | -10.30 | Horizontal |
| 4  | 11550.00 | -53.05 | RMS      | 38.90         | -43.09      | 0.53   | -95.23 | 45.84       | -40.00 | -13.05 | Horizontal |
| 5  | 13860.00 | -54.41 | RMS      | 40.16         | -43.03      | 0.59   | -95.23 | 43.10       | -40.00 | -14.41 | Horizontal |
| 6  | 16155.00 | -54.85 | RMS      | 37.70         | -38.31      | 0.71   | -95.23 | 40.28       | -40.00 | -14.85 | Horizontal |
| 7  | 18462.72 | -62.75 | RMS      | 37.63         | -39.95      | -9.54  | -95.23 | 44.34       | -40.00 | -22.75 | Horizontal |
| 8  | 20770.56 | -52.28 | RMS      | 38.00         | -35.78      | -9.54  | -95.23 | 50.27       | -40.00 | -12.28 | Horizontal |
| 9  | 23078.40 | -62.19 | RMS      | 38.96         | -33.48      | -9.54  | -95.23 | 37.10       | -40.00 | -22.19 | Horizontal |
| 10 | 25386.24 | -59.57 | RMS      | 39.33         | -32.04      | -9.54  | -95.23 | 37.91       | -40.00 | -19.57 | Horizontal |



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Vertical  
: LTE Band 30 5M Ch27710 1RB0 QPSK

|    | Freq     | Level  | Detector | Ant<br>Factor | Amp\Cb<br>1 | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol      |
|----|----------|--------|----------|---------------|-------------|--------|--------|-------------|--------|--------|----------|
|    | MHz      | dBm    |          |               | dB          | dB     | dB     | dBuV        | dBm    | dB     |          |
| 1  | 4620.00  | -59.53 | RMS      | 31.78         | -46.27      | 0.60   | -95.23 | 49.59       | -40.00 | -19.53 | Vertical |
| 2  | 6930.00  | -54.20 | RMS      | 35.80         | -43.87      | 0.46   | -95.23 | 48.64       | -40.00 | -14.20 | Vertical |
| 3  | 9240.00  | -50.08 | RMS      | 38.18         | -42.14      | 0.61   | -95.23 | 48.50       | -40.00 | -10.08 | Vertical |
| 4  | 11550.00 | -50.47 | RMS      | 38.90         | -43.09      | 0.53   | -95.23 | 48.42       | -40.00 | -10.47 | Vertical |
| 5  | 13860.00 | -55.02 | RMS      | 40.16         | -43.03      | 0.59   | -95.23 | 42.49       | -40.00 | -15.02 | Vertical |
| 6  | 16155.00 | -53.02 | RMS      | 37.70         | -38.31      | 0.71   | -95.23 | 42.11       | -40.00 | -13.02 | Vertical |
| 7  | 18462.72 | -63.17 | RMS      | 37.63         | -39.95      | -9.54  | -95.23 | 43.92       | -40.00 | -23.17 | Vertical |
| 8  | 20770.56 | -51.80 | RMS      | 38.00         | -35.78      | -9.54  | -95.23 | 50.75       | -40.00 | -11.80 | Vertical |
| 9  | 23078.40 | -61.65 | RMS      | 38.96         | -33.48      | -9.54  | -95.23 | 37.64       | -40.00 | -21.65 | Vertical |
| 10 | 25386.24 | -58.16 | RMS      | 39.33         | -32.04      | -9.54  | -95.23 | 39.32       | -40.00 | -18.16 | Vertical |

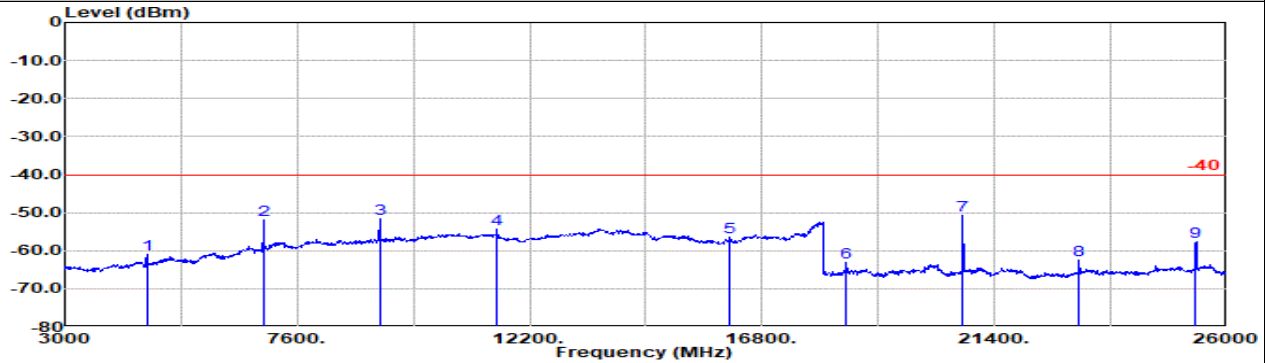


## Ant.1

## Part 27D Mode 59

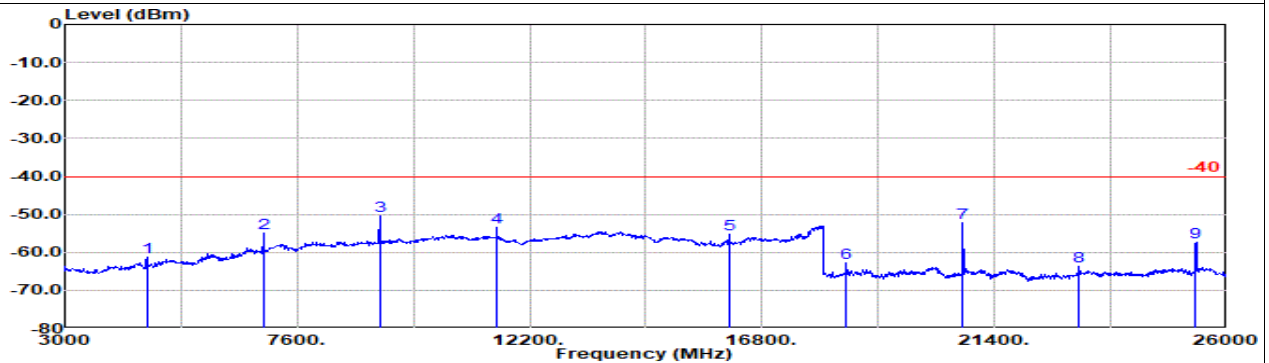
## LTE B30 5M Ch27710 1RB0 QPSK

## M



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Horizontal  
: LTE Band 30 5M Ch27710 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant<br>Factor | Amp\Cb<br>1 | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol        |
|---|----------|--------|----------|---------------|-------------|--------|--------|-------------|--------|--------|------------|
|   | MHz      | dBm    |          | dB/m          | dB          | dB     | dB     | dBuV        | dBm    | dB     |            |
| 1 | 4620.00  | -61.04 | RMS      | 31.78         | -46.27      | 0.60   | -95.23 | 48.08       | -40.00 | -21.04 | Horizontal |
| 2 | 6930.00  | -51.95 | RMS      | 35.80         | -43.87      | 0.46   | -95.23 | 50.89       | -40.00 | -11.95 | Horizontal |
| 3 | 9240.00  | -51.74 | RMS      | 38.18         | -42.14      | 0.61   | -95.23 | 46.84       | -40.00 | -11.74 | Horizontal |
| 4 | 11550.00 | -54.36 | RMS      | 38.90         | -43.09      | 0.53   | -95.23 | 44.53       | -40.00 | -14.36 | Horizontal |
| 5 | 16155.00 | -56.41 | RMS      | 37.70         | -38.31      | 0.71   | -95.23 | 38.72       | -40.00 | -16.41 | Horizontal |
| 6 | 18462.72 | -63.24 | RMS      | 37.63         | -39.95      | -9.54  | -95.23 | 43.85       | -40.00 | -23.24 | Horizontal |
| 7 | 20770.56 | -50.72 | RMS      | 38.00         | -35.78      | -9.54  | -95.23 | 51.83       | -40.00 | -10.72 | Horizontal |
| 8 | 23078.40 | -62.43 | RMS      | 38.96         | -33.48      | -9.54  | -95.23 | 36.86       | -40.00 | -22.43 | Horizontal |
| 9 | 25386.24 | -57.71 | RMS      | 39.33         | -32.04      | -9.54  | -95.23 | 39.77       | -40.00 | -17.71 | Horizontal |



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Vertical  
: LTE Band 30 5M Ch27710 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant<br>Factor | Amp\Cb<br>1 | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol      |
|---|----------|--------|----------|---------------|-------------|--------|--------|-------------|--------|--------|----------|
|   | MHz      | dBm    |          | dB/m          | dB          | dB     | dB     | dBuV        | dBm    | dB     |          |
| 1 | 4620.00  | -61.38 | RMS      | 31.78         | -46.27      | 0.60   | -95.23 | 47.74       | -40.00 | -21.38 | Vertical |
| 2 | 6930.00  | -54.98 | RMS      | 35.80         | -43.87      | 0.46   | -95.23 | 47.86       | -40.00 | -14.98 | Vertical |
| 3 | 9240.00  | -50.29 | RMS      | 38.18         | -42.14      | 0.61   | -95.23 | 48.29       | -40.00 | -10.29 | Vertical |
| 4 | 11550.00 | -53.36 | RMS      | 38.90         | -43.09      | 0.53   | -95.23 | 45.53       | -40.00 | -13.36 | Vertical |
| 5 | 16155.00 | -55.14 | RMS      | 37.70         | -38.31      | 0.71   | -95.23 | 39.99       | -40.00 | -15.14 | Vertical |
| 6 | 18462.72 | -62.85 | RMS      | 37.63         | -39.95      | -9.54  | -95.23 | 44.24       | -40.00 | -22.85 | Vertical |
| 7 | 20770.56 | -52.34 | RMS      | 38.00         | -35.78      | -9.54  | -95.23 | 50.21       | -40.00 | -12.34 | Vertical |
| 8 | 23078.40 | -63.70 | RMS      | 38.96         | -33.48      | -9.54  | -95.23 | 35.59       | -40.00 | -23.70 | Vertical |
| 9 | 25386.24 | -57.27 | RMS      | 39.33         | -32.04      | -9.54  | -95.23 | 40.21       | -40.00 | -17.27 | Vertical |

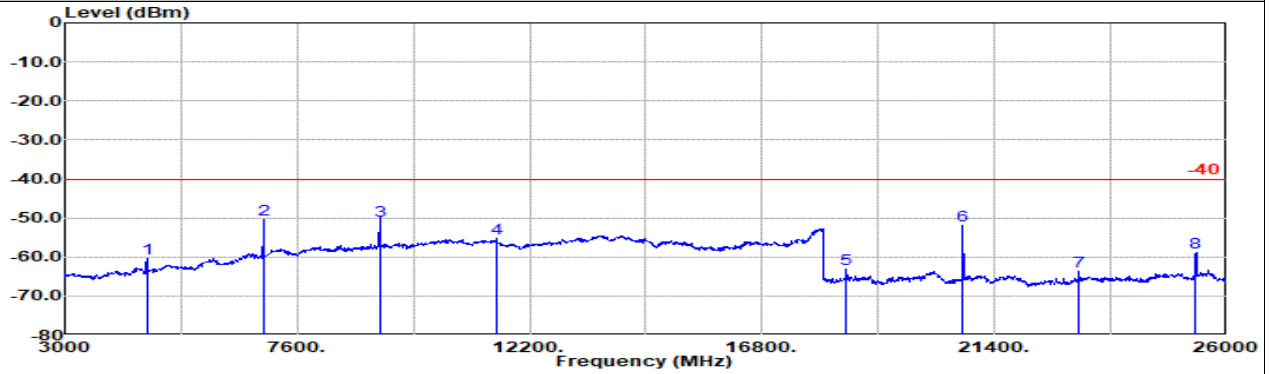


Ant.2

Part 27D Mode 60

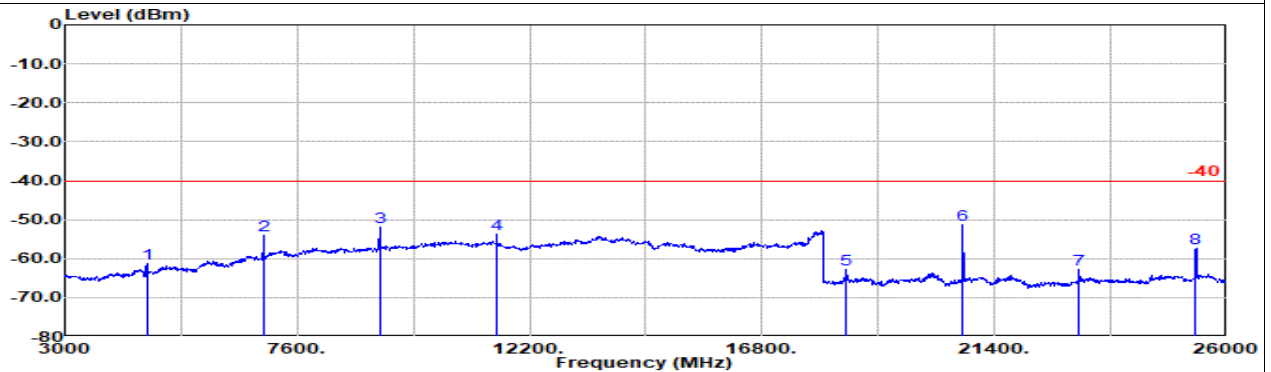
LTE B30 5M Ch27710 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Horizontal  
: LTE Band 30 5M Ch27710 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|----------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz      | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 4620.00  | -60.43 | RMS      | 31.78      | -46.27 | 0.60   | -95.23 | 48.69  | -40.00 | -20.43 | Horizontal |
| 2 | 6930.00  | -50.53 | RMS      | 35.80      | -43.87 | 0.46   | -95.23 | 52.31  | -40.00 | -10.53 | Horizontal |
| 3 | 9240.00  | -50.68 | RMS      | 38.18      | -42.14 | 0.61   | -95.23 | 47.90  | -40.00 | -10.68 | Horizontal |
| 4 | 11550.00 | -55.12 | RMS      | 38.90      | -43.09 | 0.53   | -95.23 | 43.77  | -40.00 | -15.12 | Horizontal |
| 5 | 18462.72 | -63.04 | RMS      | 37.63      | -39.95 | -9.54  | -95.23 | 44.05  | -40.00 | -23.04 | Horizontal |
| 6 | 20770.56 | -51.88 | RMS      | 38.00      | -35.78 | -9.54  | -95.23 | 50.67  | -40.00 | -11.88 | Horizontal |
| 7 | 23078.40 | -63.56 | RMS      | 38.96      | -33.48 | -9.54  | -95.23 | 35.73  | -40.00 | -23.56 | Horizontal |
| 8 | 25386.24 | -58.88 | RMS      | 39.33      | -32.04 | -9.54  | -95.23 | 38.60  | -40.00 | -18.88 | Horizontal |



Site : 03CH11-HY  
Condition: -40 1m SHF\_1224\_230710 Vertical  
: LTE Band 30 5M Ch27710 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|----------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz      | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 4620.00  | -61.39 | RMS      | 31.78      | -46.27 | 0.60   | -95.23 | 47.73  | -40.00 | -21.39 | Vertical |
| 2 | 6930.00  | -54.00 | RMS      | 35.80      | -43.87 | 0.46   | -95.23 | 48.84  | -40.00 | -14.00 | Vertical |
| 3 | 9240.00  | -51.80 | RMS      | 38.18      | -42.14 | 0.61   | -95.23 | 46.78  | -40.00 | -11.80 | Vertical |
| 4 | 11550.00 | -53.78 | RMS      | 38.90      | -43.09 | 0.53   | -95.23 | 45.11  | -40.00 | -13.78 | Vertical |
| 5 | 18462.72 | -62.83 | RMS      | 37.63      | -39.95 | -9.54  | -95.23 | 44.26  | -40.00 | -22.83 | Vertical |
| 6 | 20770.56 | -51.24 | RMS      | 38.00      | -35.78 | -9.54  | -95.23 | 51.31  | -40.00 | -11.24 | Vertical |
| 7 | 23078.40 | -62.87 | RMS      | 38.96      | -33.48 | -9.54  | -95.23 | 36.42  | -40.00 | -22.87 | Vertical |
| 8 | 25386.24 | -57.49 | RMS      | 39.33      | -32.04 | -9.54  | -95.23 | 39.99  | -40.00 | -17.49 | Vertical |

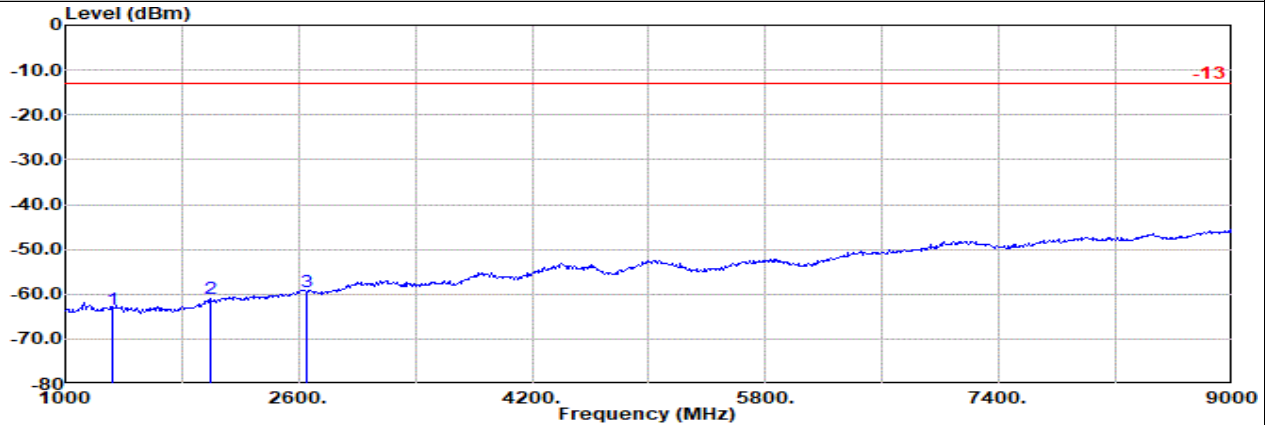


Ant.0

Part 27N Mode 65

LTE B71 20M Ch133222 1RB0 QPSK

L

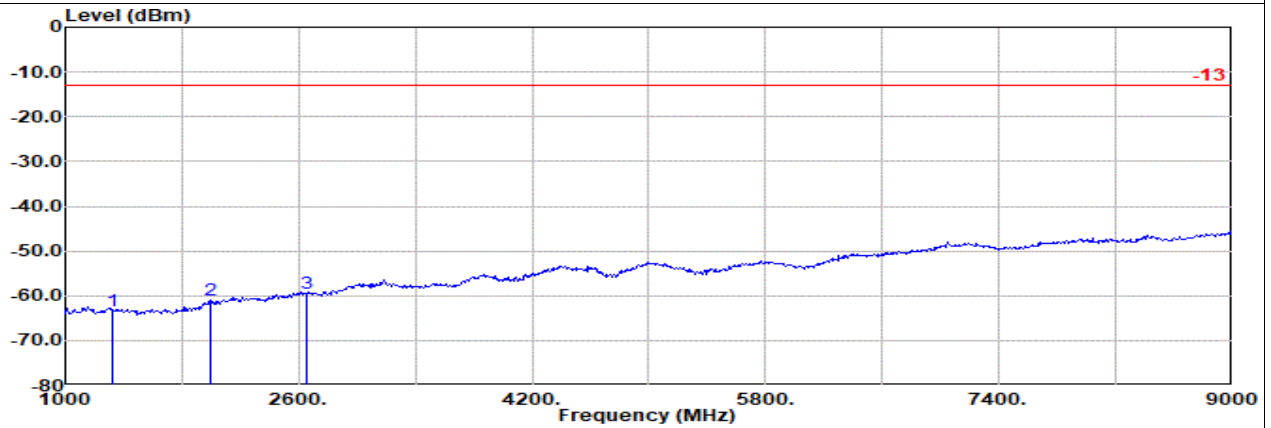


Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Horizontal

: LTE Band 71 20M Ch133222 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |        |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|--------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB     |
| 1 | 1328.00 | -63.25 | RMS      | 25.72             | -29.96 | 0.68   | -95.23 | 35.54 | -13.00     | -50.25 |
| 2 | 1992.00 | -60.88 | RMS      | 26.68             | -26.95 | 0.06   | -95.23 | 34.56 | -13.00     | -47.88 |
| 3 | 2656.00 | -59.42 | RMS      | 28.26             | -26.12 | 0.21   | -95.23 | 33.46 | -13.00     | -46.42 |



Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Vertical

: LTE Band 71 20M Ch133222 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |        |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|--------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB     |
| 1 | 1328.00 | -63.25 | RMS      | 25.72             | -29.96 | 0.68   | -95.23 | 35.54 | -13.00     | -50.25 |
| 2 | 1992.00 | -61.04 | RMS      | 26.68             | -26.95 | 0.06   | -95.23 | 34.40 | -13.00     | -48.04 |
| 3 | 2656.00 | -59.61 | RMS      | 28.26             | -26.12 | 0.21   | -95.23 | 33.27 | -13.00     | -46.61 |

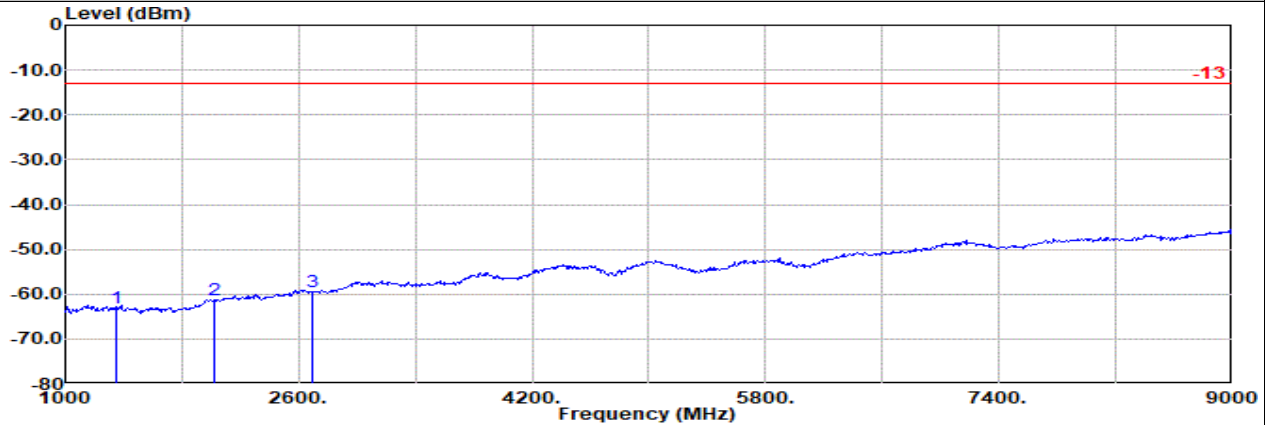


Ant.0

Part 27N Mode 65

LTE B71 20M Ch133322 1RB0 QPSK

M

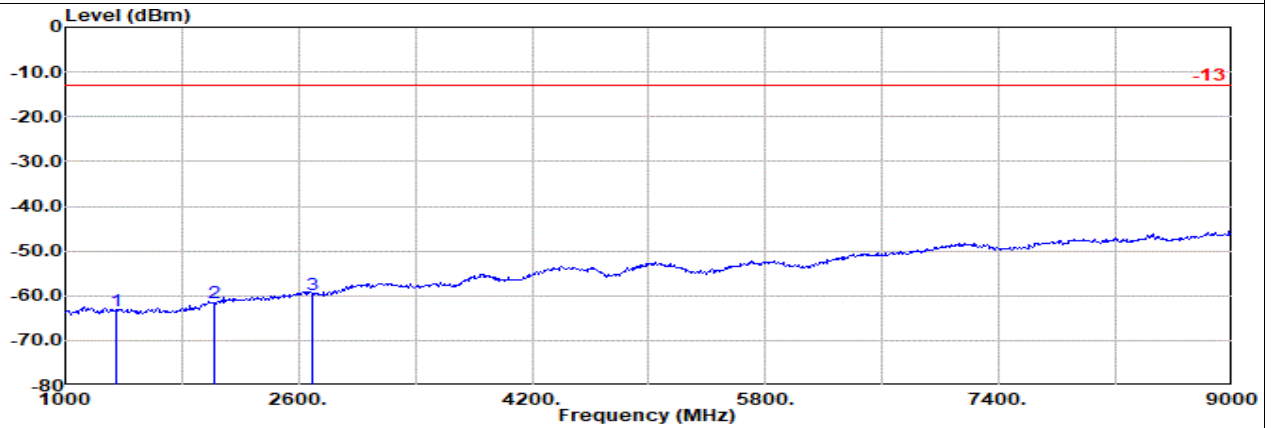


Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Horizontal

: LTE Band 71 20M Ch133272 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |        |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|--------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB     |
| 1 | 1352.00 | -63.02 | RMS      | 25.58             | -29.84 | 0.68   | -95.23 | 35.79 | -13.00     | -50.02 |
| 2 | 2022.00 | -61.42 | RMS      | 26.92             | -26.90 | 0.07   | -95.23 | 33.72 | -13.00     | -48.42 |
| 3 | 2696.00 | -59.53 | RMS      | 28.30             | -26.07 | 0.22   | -95.23 | 33.25 | -13.00     | -46.53 |



Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Vertical

: LTE Band 71 20M Ch133272 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |        |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|--------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |        |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB     |
| 1 | 1352.00 | -63.33 | RMS      | 25.58             | -29.84 | 0.68   | -95.23 | 35.48 | -13.00     | -50.33 |
| 2 | 2022.00 | -61.55 | RMS      | 26.92             | -26.90 | 0.07   | -95.23 | 33.59 | -13.00     | -48.55 |
| 3 | 2696.00 | -59.64 | RMS      | 28.30             | -26.07 | 0.22   | -95.23 | 33.14 | -13.00     | -46.64 |

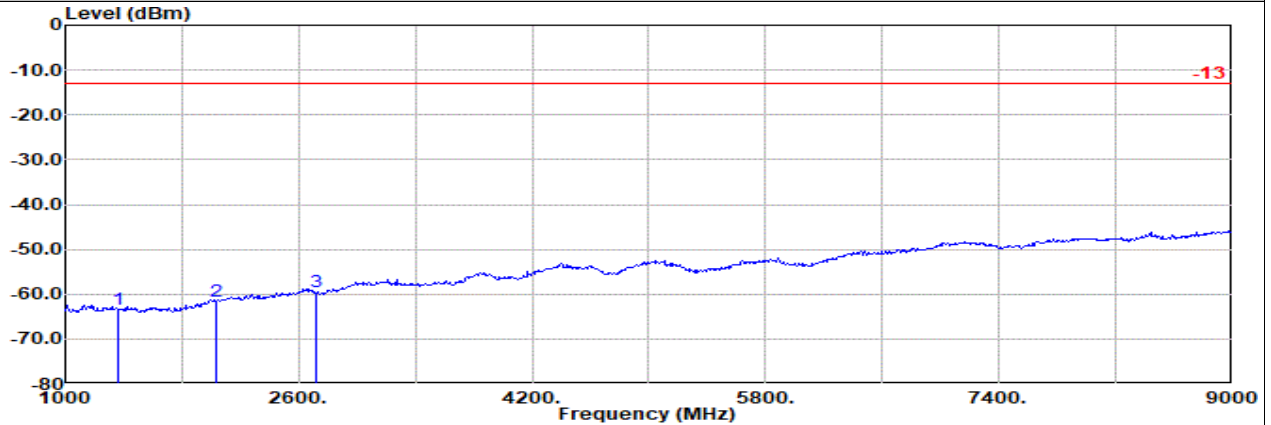


Ant.0

Part 27N Mode 65

LTE B71 20M Ch133372 1RB0 QPSK

H

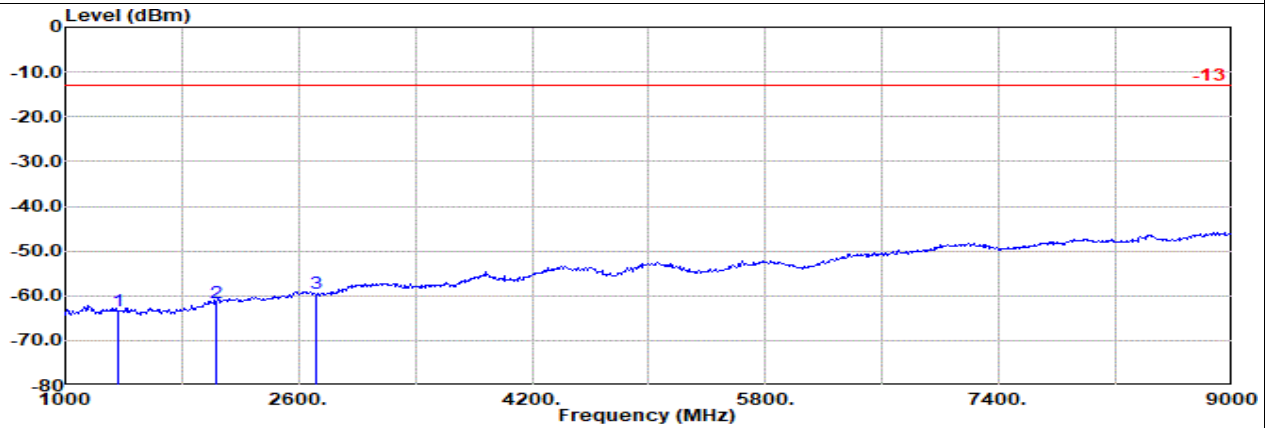


Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Horizontal

: LTE Band 71 20M Ch133372 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                   |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 1358.00 | -63.51 | RMS      | 25.52             | -29.81 | 0.68   | -95.23 | 35.33 | -13.00     | -50.51 Horizontal |
| 2 | 2037.00 | -61.68 | RMS      | 27.14             | -26.89 | 0.08   | -95.23 | 33.22 | -13.00     | -48.68 Horizontal |
| 3 | 2716.00 | -59.38 | RMS      | 28.40             | -26.04 | 0.23   | -95.23 | 33.26 | -13.00     | -46.38 Horizontal |



Site : 03CH11-HY

Condition: -13 3m 9120D\_01620\_230817 Vertical

: LTE Band 71 20M Ch133372 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|---------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |         |        |          | Factor            | 1      |        | g      |       |            |                 |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 1358.00 | -63.49 | RMS      | 25.52             | -29.81 | 0.68   | -95.23 | 35.35 | -13.00     | -50.49 Vertical |
| 2 | 2037.00 | -61.71 | RMS      | 27.14             | -26.89 | 0.08   | -95.23 | 33.19 | -13.00     | -48.71 Vertical |
| 3 | 2716.00 | -59.36 | RMS      | 28.40             | -26.04 | 0.23   | -95.23 | 33.28 | -13.00     | -46.36 Vertical |

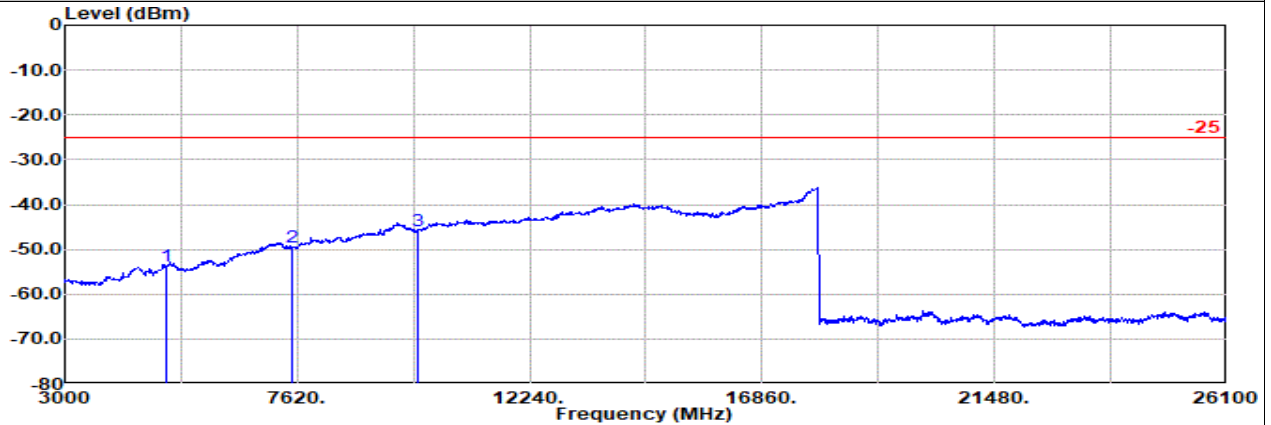


Ant.0

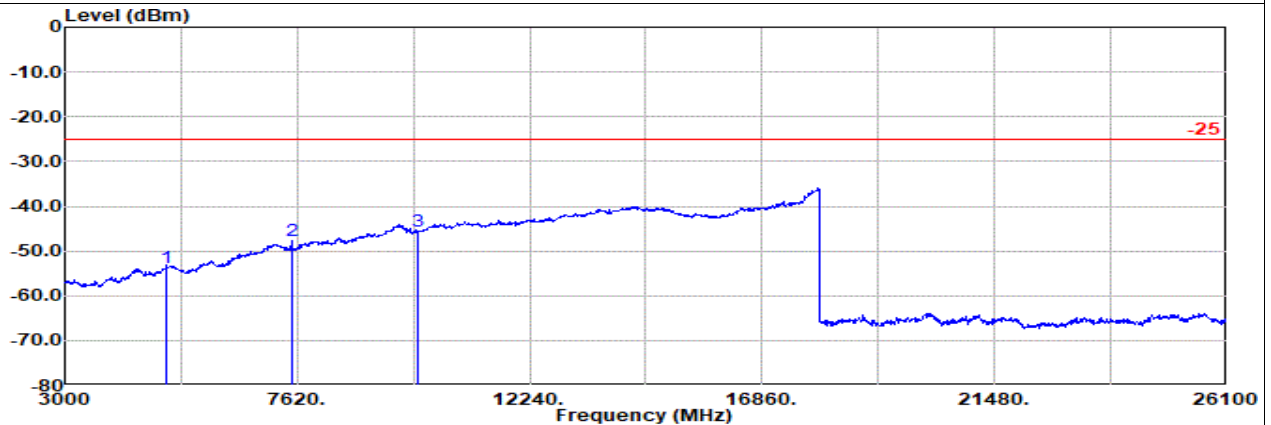
Part 27M Mode 69

LTE B7 20M Ch20850 1RB0 QPSK

L



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 5002.18    | -53.69 | RMS      | 33.20             | -22.64 | 0.50   | -95.23 | 30.48 | -25.00 | -28.69   | Horizontal |     |        |     |
| 2 | 7503.27    | -49.43 | RMS      | 36.19             | -20.74 | 0.59   | -95.23 | 29.76 | -25.00 | -24.43   | Horizontal |     |        |     |
| 3 | 10004.36   | -45.77 | RMS      | 38.43             | -18.09 | 0.58   | -95.23 | 28.54 | -25.00 | -20.77   | Horizontal |     |        |     |



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 5002.18    | -53.87 | RMS      | 33.20             | -22.64 | 0.50   | -95.23 | 30.30 | -25.00 | -28.87   | Vertical |     |        |     |
| 2 | 7503.27    | -47.75 | RMS      | 36.19             | -20.74 | 0.59   | -95.23 | 31.44 | -25.00 | -22.75   | Vertical |     |        |     |
| 3 | 10004.36   | -45.49 | RMS      | 38.43             | -18.09 | 0.58   | -95.23 | 28.82 | -25.00 | -20.49   | Vertical |     |        |     |

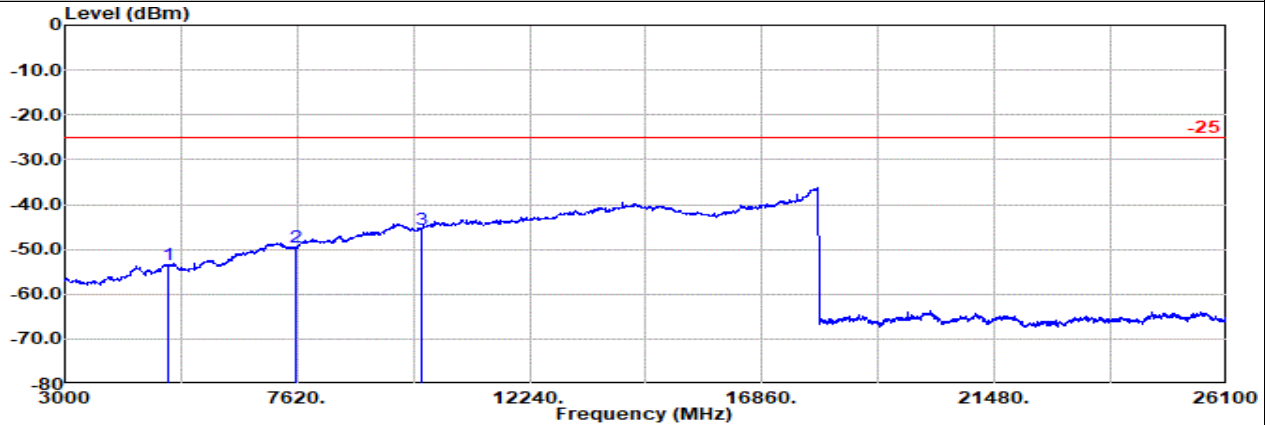


Ant.0

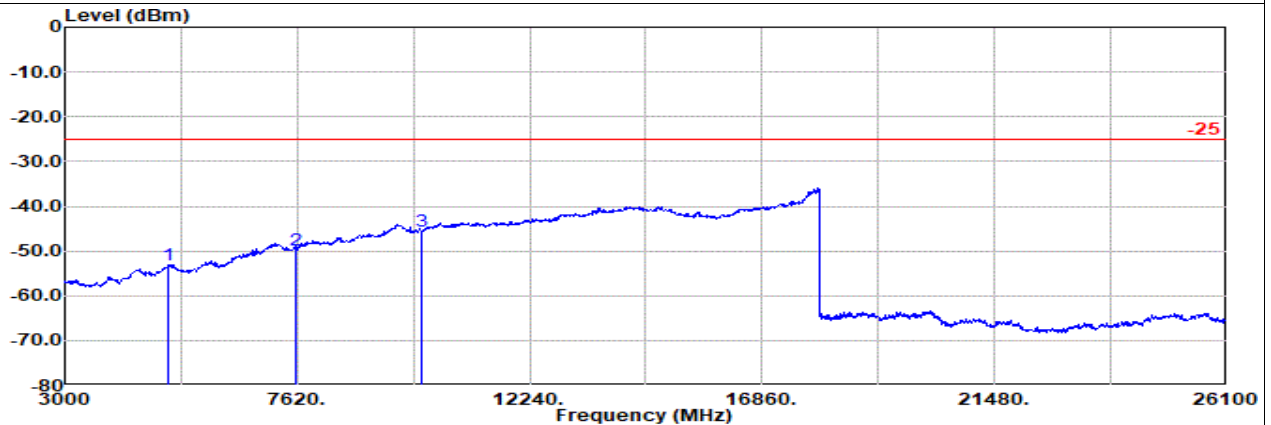
Part 27M Mode 69

LTE B7 20M Ch21100 1RB0 QPSK

M



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 5052.18    | -53.40 | RMS      | 33.20             | -22.59 | 0.50   | -95.23 | 30.72 | -25.00 | -28.40   | Horizontal |     |        |     |
| 2 | 7578.27    | -49.52 | RMS      | 36.06             | -20.61 | 0.55   | -95.23 | 29.71 | -25.00 | -24.52   | Horizontal |     |        |     |
| 3 | 10104.36   | -45.62 | RMS      | 38.60             | -18.06 | 0.58   | -95.23 | 28.49 | -25.00 | -20.62   | Horizontal |     |        |     |



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 5052.18    | -53.19 | RMS      | 33.20             | -22.59 | 0.50   | -95.23 | 30.93 | -25.00 | -28.19   | Vertical |     |        |     |
| 2 | 7578.27    | -49.76 | RMS      | 36.06             | -20.61 | 0.55   | -95.23 | 29.47 | -25.00 | -24.76   | Vertical |     |        |     |
| 3 | 10104.36   | -45.53 | RMS      | 38.60             | -18.06 | 0.58   | -95.23 | 28.58 | -25.00 | -20.53   | Vertical |     |        |     |

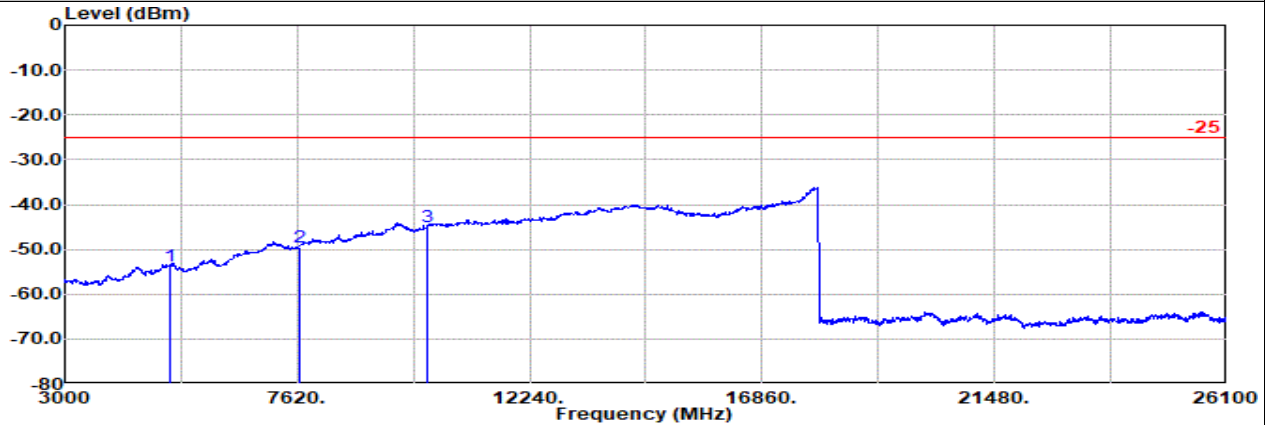


Ant.0

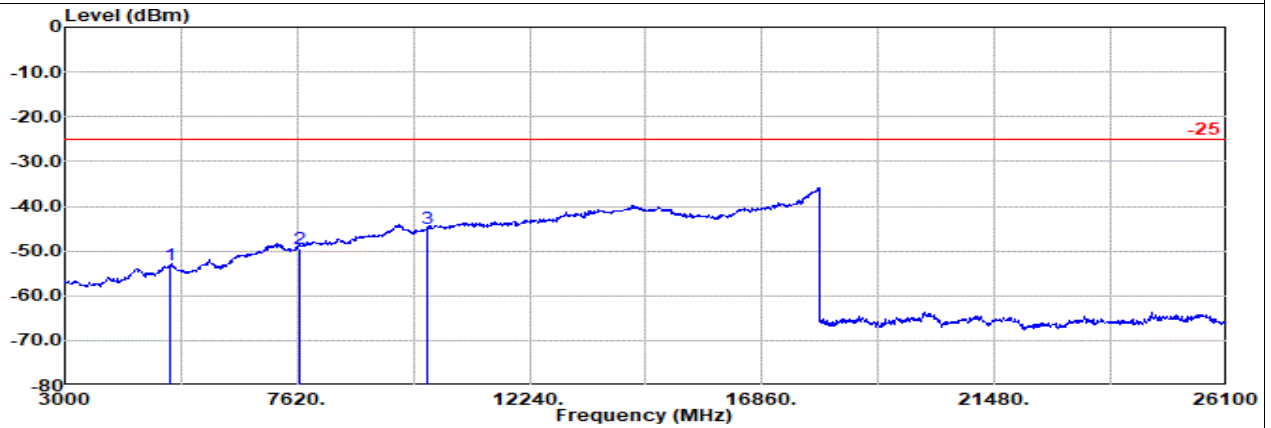
Part 27M Mode 69

LTE B7 20M Ch21350 1RB0 QPSK

H



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 5102.18    | -53.60 | RMS      | 33.20             | -22.54 | 0.51   | -95.23 | 30.46 | -25.00 | -28.60   | Horizontal |     |        |     |
| 2 | 7653.27    | -49.43 | RMS      | 36.31             | -20.57 | 0.55   | -95.23 | 29.51 | -25.00 | -24.43   | Horizontal |     |        |     |
| 3 | 10204.36   | -45.09 | RMS      | 38.72             | -18.02 | 0.57   | -95.23 | 28.87 | -25.00 | -20.09   | Horizontal |     |        |     |



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB     | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 5102.18    | -53.25 | RMS      | 33.20             | -22.54 | 0.51   | -95.23 | 30.81 | -25.00 | -28.25   | Vertical |     |        |     |
| 2 | 7653.27    | -49.46 | RMS      | 36.31             | -20.57 | 0.55   | -95.23 | 29.48 | -25.00 | -24.46   | Vertical |     |        |     |
| 3 | 10204.36   | -45.07 | RMS      | 38.72             | -18.02 | 0.57   | -95.23 | 28.89 | -25.00 | -20.07   | Vertical |     |        |     |

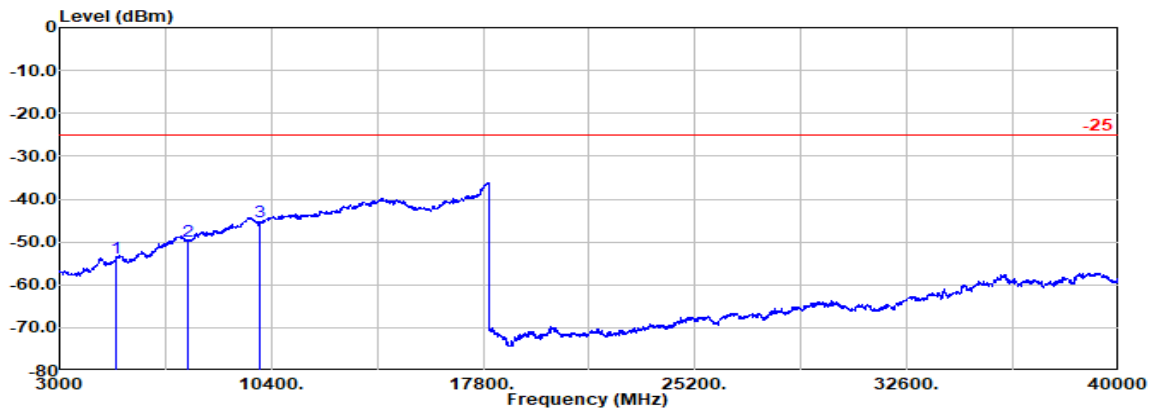


Ant.0

Part 27M Mode 73

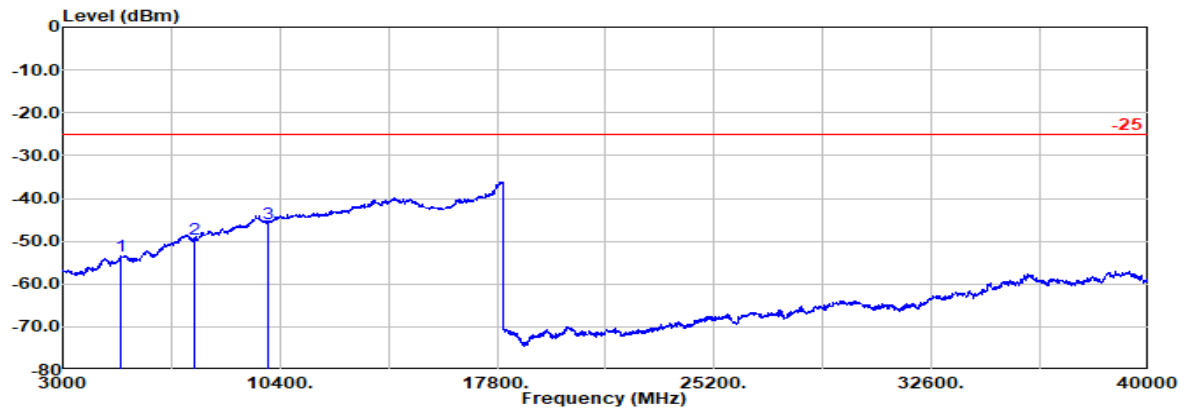
LTE B41 20M Ch39750 1RB0 QPSK

L



Site : 03CH11-HY  
Condition: -25 1m SHF\_00993\_231124 Horizontal  
: LTE Band 41 20M Ch39750 1RB0 QPSK

| Freq | Level    | Detector   | Ant Factor | Amp\Cb |      | Filter | EIRPCF | Readin g | Limit  | Margin Pol |  |
|------|----------|------------|------------|--------|------|--------|--------|----------|--------|------------|--|
|      |          |            |            | dB/m   | dB   |        |        |          |        |            |  |
| 1    | 5002.18  | -53.73 RMS | 33.20      | -22.64 | 0.50 | -95.23 | 0.00   | -25.00   | -28.73 | Horizontal |  |
| 2    | 7503.27  | -49.75 RMS | 36.19      | -20.74 | 0.59 | -95.23 | 29.44  | -25.00   | -24.75 | Horizontal |  |
| 3    | 10004.36 | -45.27 RMS | 38.43      | -18.09 | 0.58 | -95.23 | 29.04  | -25.00   | -20.27 | Horizontal |  |



Site : 03CH11-HY  
Condition: -25 1m SHF\_00993\_231124 Vertical  
: LTE Band 41 20M Ch39750 1RB0 QPSK

| Freq | Level    | Detector   | Ant Factor | Amp\Cb |      | Filter | EIRPCF | Readin g | Limit  | Margin Pol |  |
|------|----------|------------|------------|--------|------|--------|--------|----------|--------|------------|--|
|      |          |            |            | dB/m   | dB   |        |        |          |        |            |  |
| 1    | 5002.18  | -53.42 RMS | 33.20      | -22.64 | 0.50 | -95.23 | 30.75  | -25.00   | -28.42 | Vertical   |  |
| 2    | 7503.27  | -49.64 RMS | 36.19      | -20.74 | 0.59 | -95.23 | 29.55  | -25.00   | -24.64 | Vertical   |  |
| 3    | 10004.36 | -45.79 RMS | 38.43      | -18.09 | 0.58 | -95.23 | 28.52  | -25.00   | -20.79 | Vertical   |  |

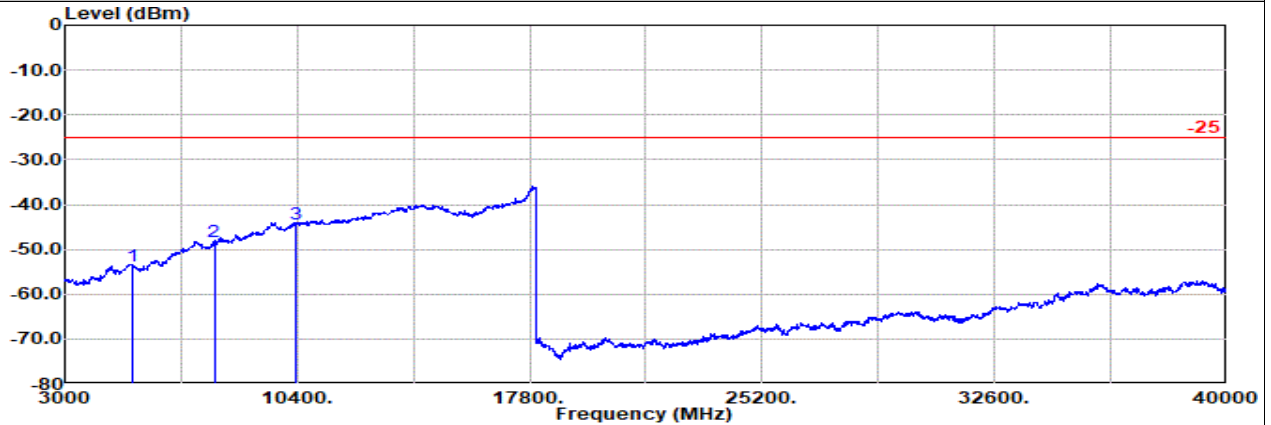


Ant.0

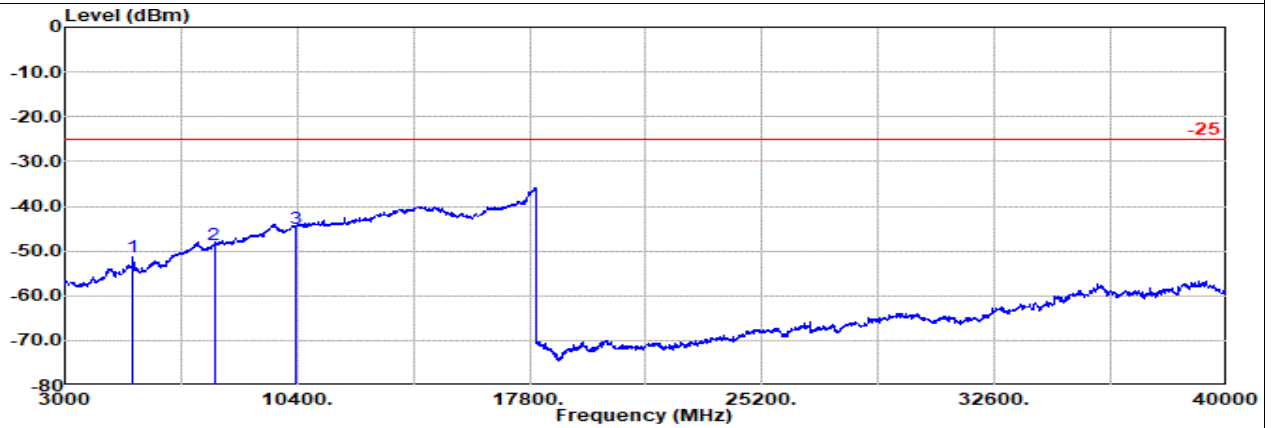
## Part 27M Mode 73

LTE B41 20M Ch40620 1RB0 QPSK

M



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 5168.18    | -53.60 | RMS      | 33.16             | -22.48 | 0.51   | -95.23   | 30.44 | -25.00 | -28.60   | Horizontal |     |        |     |
| 2 | 7752.27    | -48.42 | RMS      | 36.41             | -20.58 | 0.56   | -95.23   | 30.42 | -25.00 | -23.42   | Horizontal |     |        |     |
| 3 | 10336.36   | -44.41 | RMS      | 38.77             | -17.98 | 0.57   | -95.23   | 29.46 | -25.00 | -19.41   | Horizontal |     |        |     |



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 5168.18    | -51.45 | RMS      | 33.16             | -22.48 | 0.51   | -95.23   | 32.59 | -25.00 | -26.45   | Vertical |     |        |     |
| 2 | 7752.27    | -48.71 | RMS      | 36.41             | -20.58 | 0.56   | -95.23   | 30.13 | -25.00 | -23.71   | Vertical |     |        |     |
| 3 | 10336.36   | -44.89 | RMS      | 38.77             | -17.98 | 0.57   | -95.23   | 28.98 | -25.00 | -19.89   | Vertical |     |        |     |

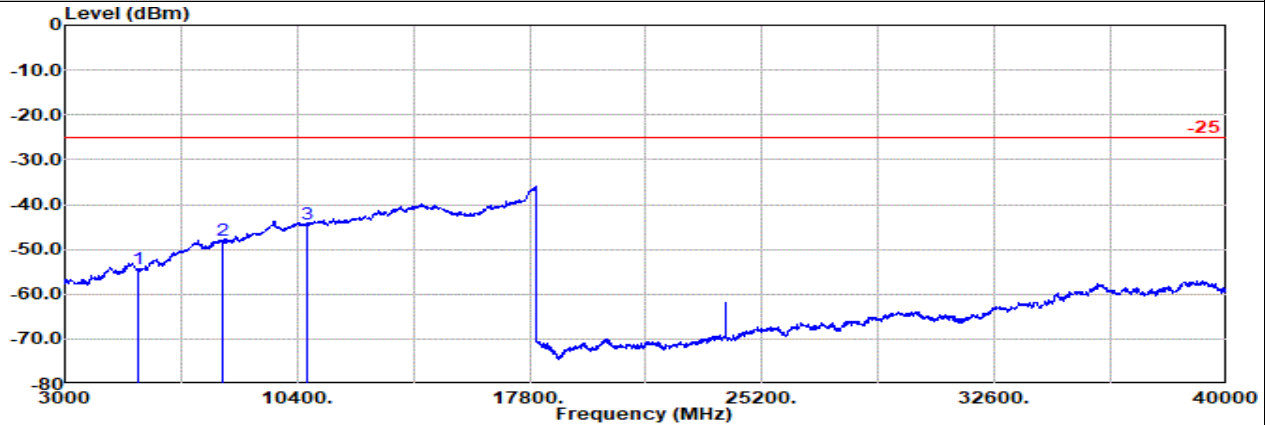


Ant.0

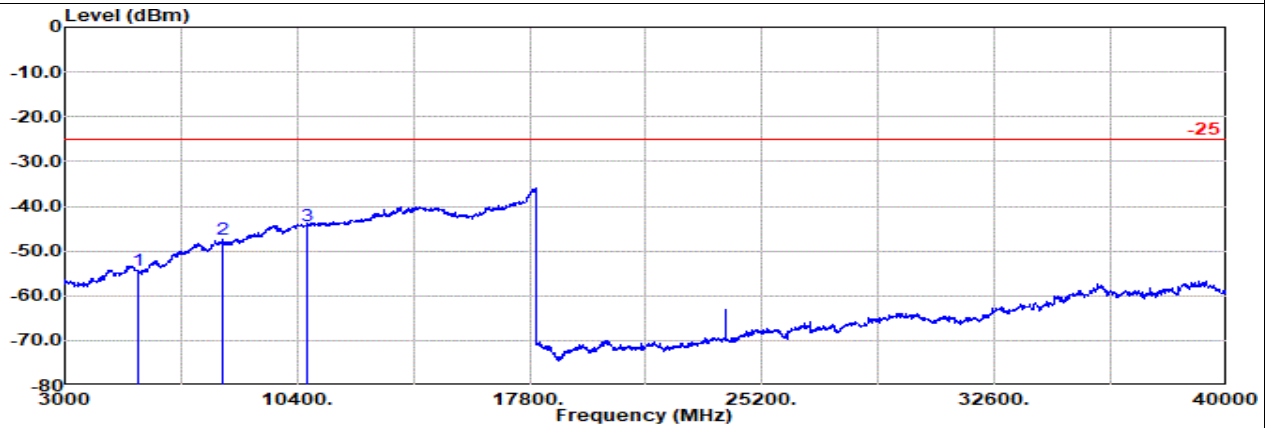
Part 27M Mode 73

LTE B41 20M Ch41490 1RB0 QPSK

H



|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 5342.18  | -54.35 | RMS      | 32.98             | -22.35 | 0.57   | -95.23 | 29.68 | -25.00     | -29.35 Horizontal |
| 2 | 8013.27  | -47.95 | RMS      | 36.90             | -20.55 | 0.50   | -95.23 | 30.43 | -25.00     | -22.95 Horizontal |
| 3 | 10684.36 | -44.45 | RMS      | 39.30             | -17.95 | 0.56   | -95.23 | 28.87 | -25.00     | -19.45 Horizontal |



|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 5342.18  | -54.23 | RMS      | 32.98             | -22.35 | 0.57   | -95.23 | 29.80 | -25.00     | -29.23 Vertical |
| 2 | 8013.27  | -47.35 | RMS      | 36.90             | -20.55 | 0.50   | -95.23 | 31.03 | -25.00     | -22.35 Vertical |
| 3 | 10684.36 | -44.38 | RMS      | 39.30             | -17.95 | 0.56   | -95.23 | 28.94 | -25.00     | -19.38 Vertical |

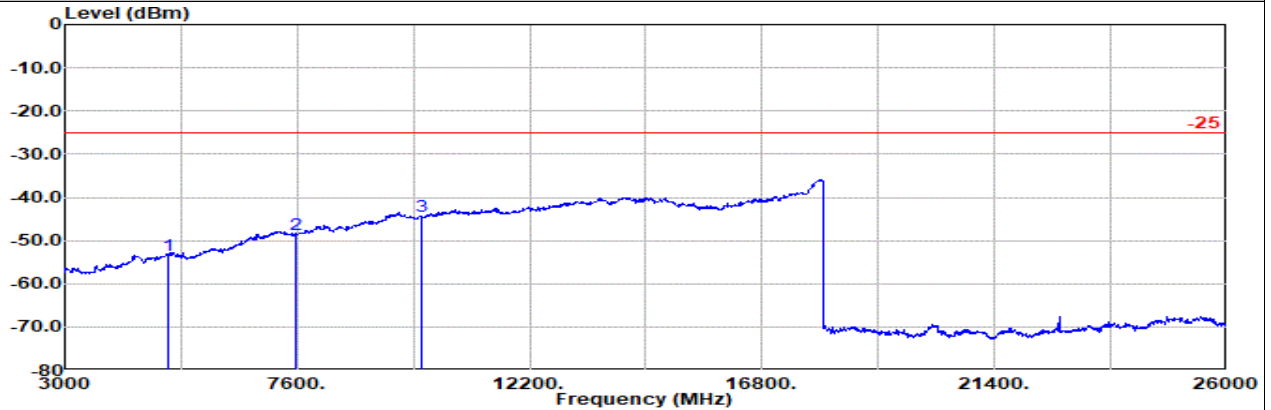


Ant.0

## Part 27M Mode 77

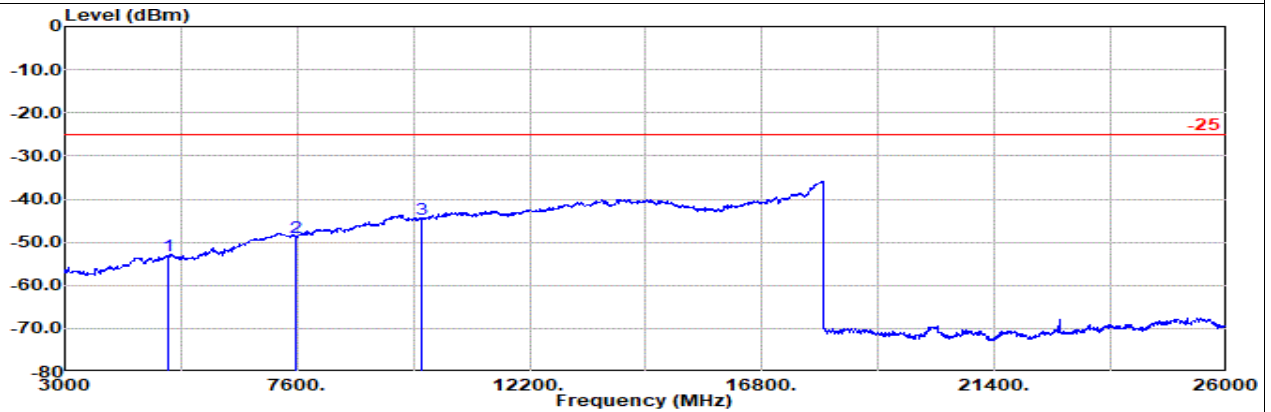
LTE CA B7C 20M + 20M Ch20850 1RB99 QPSK + Ch21048 1RB0 QPSK

L



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Horizontal  
: LTE Band 7C 20M Ch20850 1RB99 QPSK  
: LTE Band 7C 20M Ch21048 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |            |
| 1 | 5037.00    | -53.30 | RMS      | 33.20             | -22.61 | 0.50   | -95.23   | 30.84 | -25.00 | -28.30 | Horizontal |
| 2 | 7556.00    | -48.66 | RMS      | 36.01             | -20.65 | 0.56   | -95.23   | 30.65 | -25.00 | -23.66 | Horizontal |
| 3 | 10075.00   | -44.44 | RMS      | 38.65             | -18.07 | 0.58   | -95.23   | 29.63 | -25.00 | -19.44 | Horizontal |



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Vertical  
: LTE Band 7C 20M Ch20850 1RB99 QPSK  
: LTE Band 7C 20M Ch21048 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |          |
| 1 | 5037.00    | -53.19 | RMS      | 33.20             | -22.61 | 0.50   | -95.23   | 30.95 | -25.00 | -28.19 | Vertical |
| 2 | 7556.00    | -48.92 | RMS      | 36.01             | -20.65 | 0.56   | -95.23   | 30.39 | -25.00 | -23.92 | Vertical |
| 3 | 10075.00   | -44.53 | RMS      | 38.65             | -18.07 | 0.58   | -95.23   | 29.54 | -25.00 | -19.53 | Vertical |

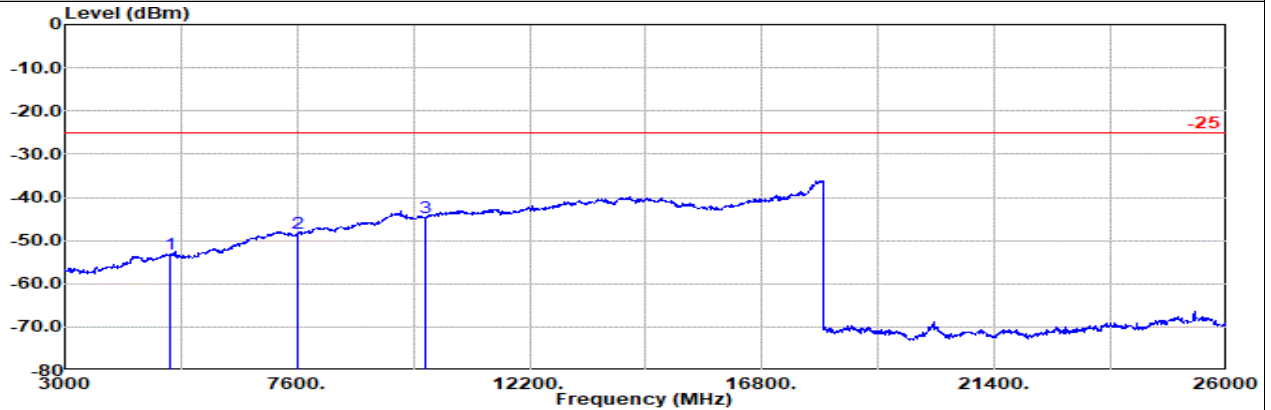


Ant.0

## Part 27M Mode 77

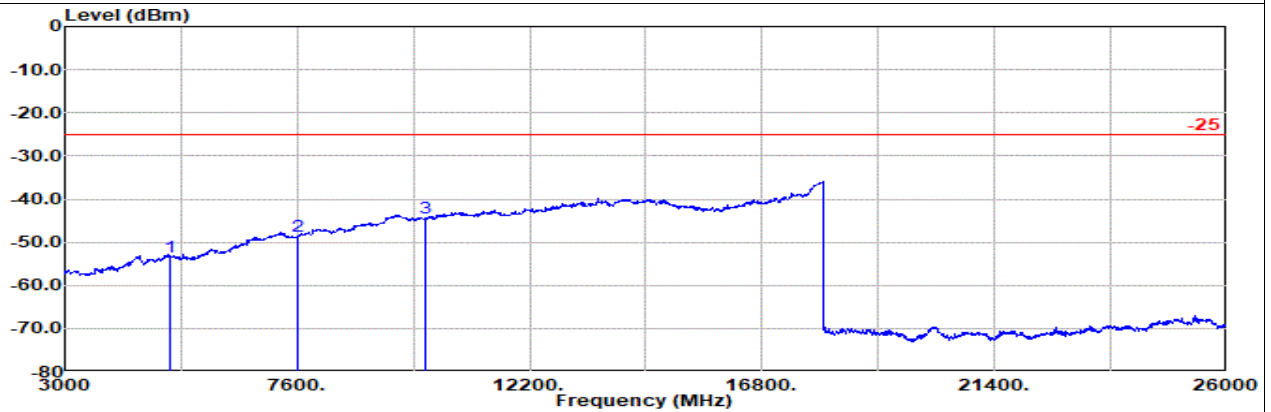
LTE CA B7C 20M + 20M Ch21001 1RB99 QPSK + Ch21199 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Horizontal  
: LTE Band 7C 20M Ch21001 1RB99 QPSK  
: LTE Band 7C 20M Ch21199 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |            |
| 1 | 5067.00    | -53.05 | RMS      | 33.20             | -22.58 | 0.50   | -95.23   | 31.06 | -25.00 | -28.05 | Horizontal |
| 2 | 7601.00    | -48.25 | RMS      | 36.10             | -20.57 | 0.54   | -95.23   | 30.91 | -25.00 | -23.25 | Horizontal |
| 3 | 10135.00   | -44.56 | RMS      | 38.60             | -18.05 | 0.58   | -95.23   | 29.54 | -25.00 | -19.56 | Horizontal |



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Vertical  
: LTE Band 7C 20M Ch21001 1RB99 QPSK  
: LTE Band 7C 20M Ch21199 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |          |
| 1 | 5067.00    | -53.35 | RMS      | 33.20             | -22.58 | 0.50   | -95.23   | 30.76 | -25.00 | -28.35 | Vertical |
| 2 | 7601.00    | -48.62 | RMS      | 36.10             | -20.57 | 0.54   | -95.23   | 30.54 | -25.00 | -23.62 | Vertical |
| 3 | 10135.00   | -44.30 | RMS      | 38.60             | -18.05 | 0.58   | -95.23   | 29.80 | -25.00 | -19.30 | Vertical |

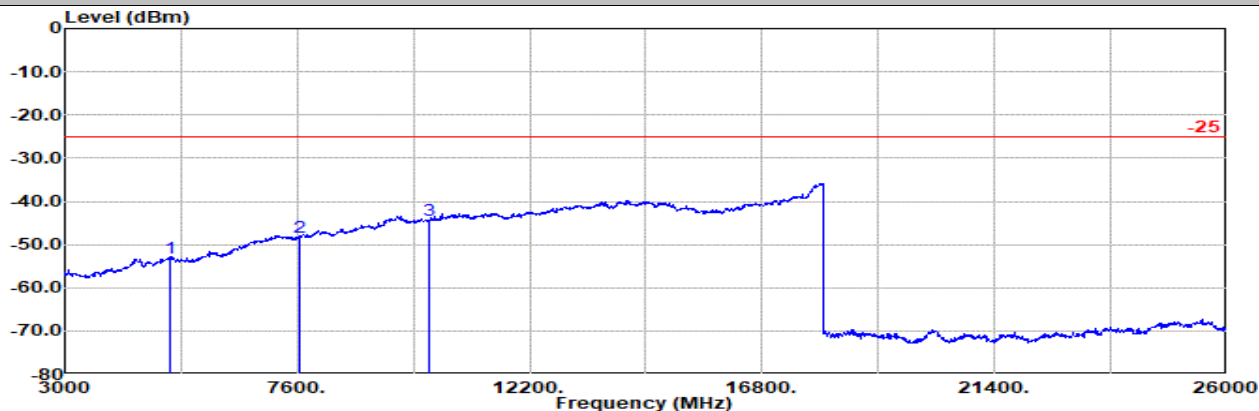


Ant.0

## Part 27M Mode 77

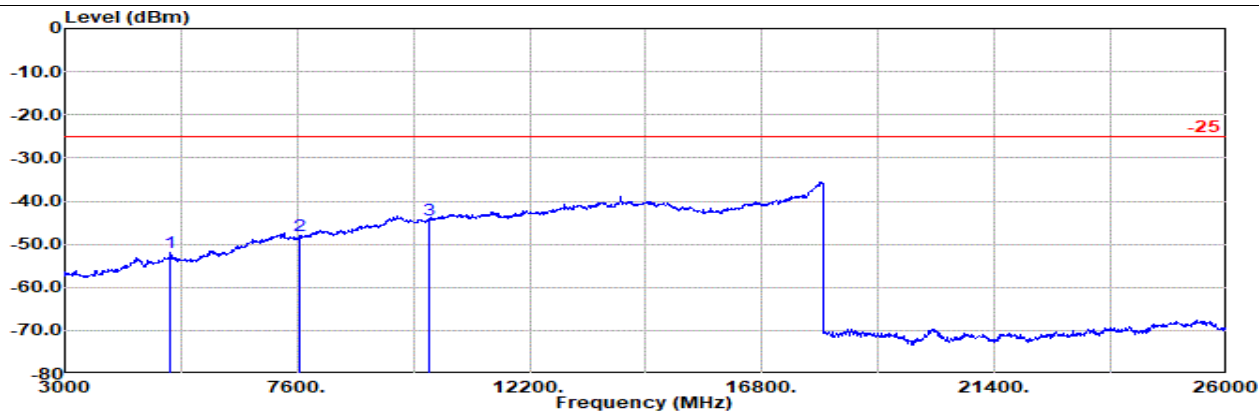
LTE CA B7C 20M + 20M Ch21152 1RB99 QPSK + Ch21350 1RB0 QPSK

H



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Horizontal  
: LTE Band 7C 20M Ch21152 1RB99 QPSK  
: LTE Band 7C 20M Ch21350 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |            |
| 1 | 5097.00    | -53.19 | RMS      | 33.20             | -22.55 | 0.50   | -95.23   | 30.89 | -25.00 | -28.19 | Horizontal |
| 2 | 7646.00    | -48.21 | RMS      | 36.28             | -20.57 | 0.55   | -95.23   | 30.76 | -25.00 | -23.21 | Horizontal |
| 3 | 10195.00   | -44.25 | RMS      | 38.69             | -18.03 | 0.57   | -95.23   | 29.75 | -25.00 | -19.25 | Horizontal |



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Vertical  
: LTE Band 7C 20M Ch21152 1RB99 QPSK  
: LTE Band 7C 20M Ch21350 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | 1      |        |          | dBuV  | dBm    |        |          |
| 1 | 5097.00    | -51.94 | RMS      | 33.20             | -22.55 | 0.50   | -95.23   | 32.14 | -25.00 | -26.94 | Vertical |
| 2 | 7646.00    | -48.05 | RMS      | 36.28             | -20.57 | 0.55   | -95.23   | 30.92 | -25.00 | -23.05 | Vertical |
| 3 | 10195.00   | -44.48 | RMS      | 38.69             | -18.03 | 0.57   | -95.23   | 29.52 | -25.00 | -19.48 | Vertical |

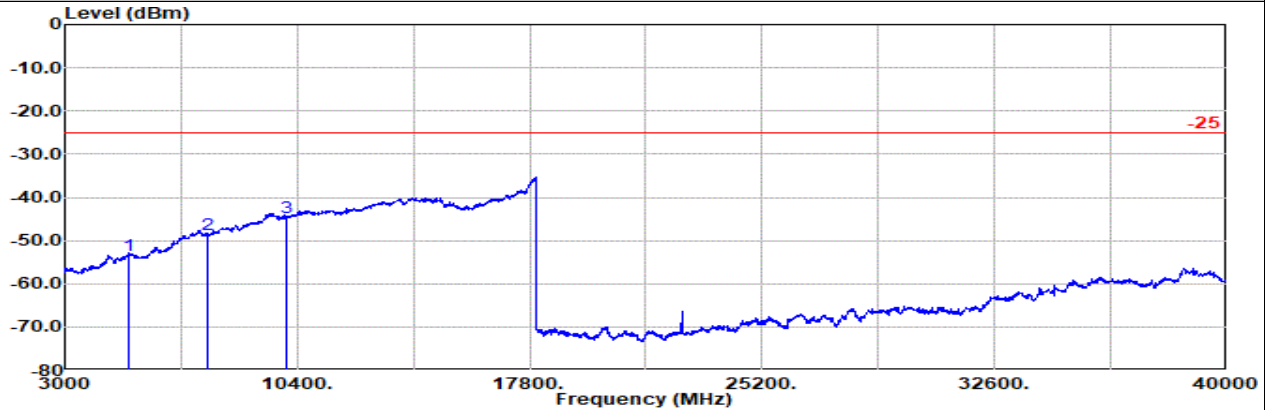


Ant.0

## Part 27M Mode 81

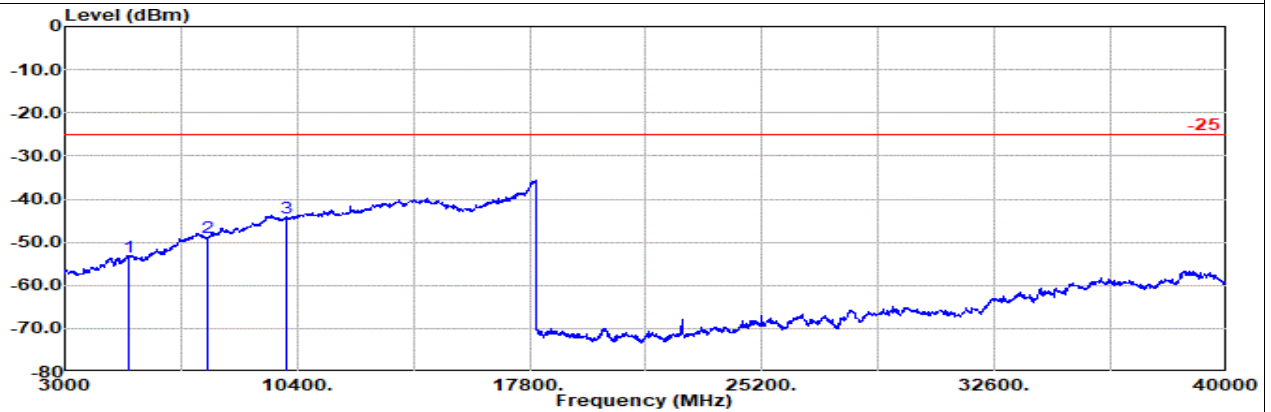
LTE CA B41C 20M + 20M Ch39750 1RB99 QPSK + Ch39948 1RB0 QPSK

L



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Horizontal  
: LTE Band 41C 20M Ch39750 1RB99 QPSK  
: LTE Band 41C 20M Ch39948 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin Limit |       | Margin | Pol               |
|---|------------|--------|----------|-------------------|--------|--------|--------------|-------|--------|-------------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g            |       |        |                   |
| 1 | 5029.00    | -53.52 | RMS      | 33.20             | -22.61 | 0.50   | -95.23       | 30.62 | -25.00 | -28.52 Horizontal |
| 2 | 7544.00    | -48.72 | RMS      | 36.02             | -20.67 | 0.57   | -95.23       | 30.59 | -25.00 | -23.72 Horizontal |
| 3 | 10059.00   | -44.61 | RMS      | 38.68             | -18.07 | 0.58   | -95.23       | 29.43 | -25.00 | -19.61 Horizontal |



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Vertical  
: LTE Band 41C 20M Ch39750 1RB99 QPSK  
: LTE Band 41C 20M Ch39948 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin Limit |       | Margin | Pol             |
|---|------------|--------|----------|-------------------|--------|--------|--------------|-------|--------|-----------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g            |       |        |                 |
| 1 | 5029.00    | -53.44 | RMS      | 33.20             | -22.61 | 0.50   | -95.23       | 30.70 | -25.00 | -28.44 Vertical |
| 2 | 7544.00    | -48.87 | RMS      | 36.02             | -20.67 | 0.57   | -95.23       | 30.44 | -25.00 | -23.87 Vertical |
| 3 | 10059.00   | -44.40 | RMS      | 38.68             | -18.07 | 0.58   | -95.23       | 29.64 | -25.00 | -19.40 Vertical |

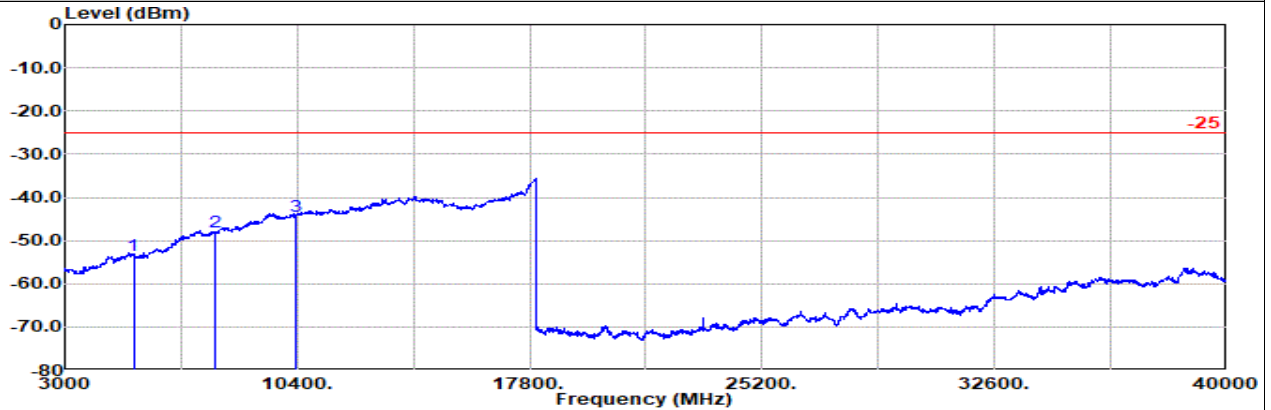


Ant.0

## Part 27M Mode 81

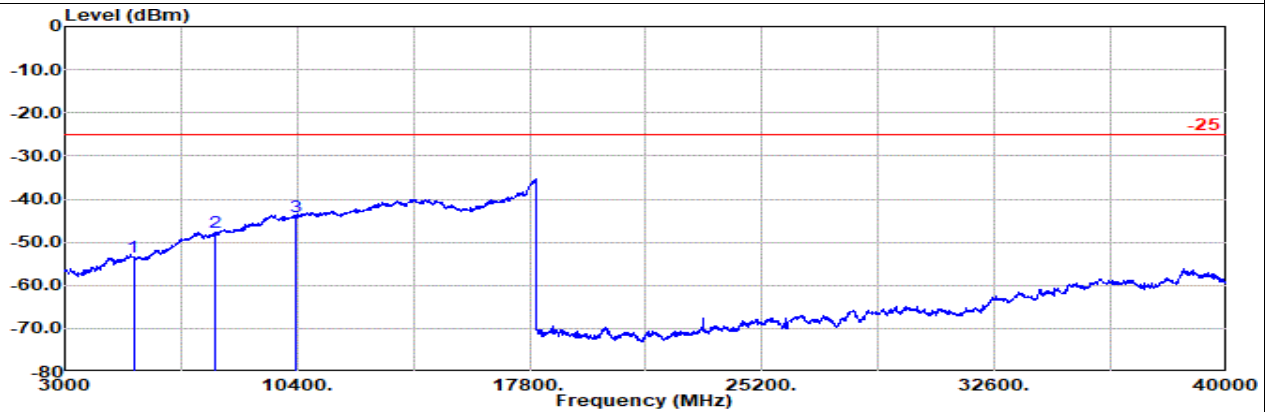
LTE CA B41C 20M + 20M Ch40521 1RB99 QPSK + Ch40719 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Horizontal  
: LTE Band 41C 20M Ch40521 1RB99 QPSK  
: LTE Band 41C 20M Ch40719 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin Limit |       | Margin | Pol               |
|---|------------|--------|----------|-------------------|--------|--------|--------------|-------|--------|-------------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g            |       |        |                   |
| 1 | 5184.00    | -53.41 | RMS      | 33.13             | -22.47 | 0.51   | -95.23       | 30.65 | -25.00 | -28.41 Horizontal |
| 2 | 7776.00    | -47.96 | RMS      | 36.56             | -20.58 | 0.57   | -95.23       | 30.72 | -25.00 | -22.96 Horizontal |
| 3 | 10368.00   | -44.37 | RMS      | 38.80             | -17.97 | 0.57   | -95.23       | 29.46 | -25.00 | -19.37 Horizontal |



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Vertical  
: LTE Band 41C 20M Ch40521 1RB99 QPSK  
: LTE Band 41C 20M Ch40719 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin Limit |       | Margin | Pol             |
|---|------------|--------|----------|-------------------|--------|--------|--------------|-------|--------|-----------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g            |       |        |                 |
| 1 | 5184.00    | -53.46 | RMS      | 33.13             | -22.47 | 0.51   | -95.23       | 30.60 | -25.00 | -28.46 Vertical |
| 2 | 7776.00    | -47.83 | RMS      | 36.56             | -20.58 | 0.57   | -95.23       | 30.85 | -25.00 | -22.83 Vertical |
| 3 | 10368.00   | -44.09 | RMS      | 38.80             | -17.97 | 0.57   | -95.23       | 29.74 | -25.00 | -19.09 Vertical |

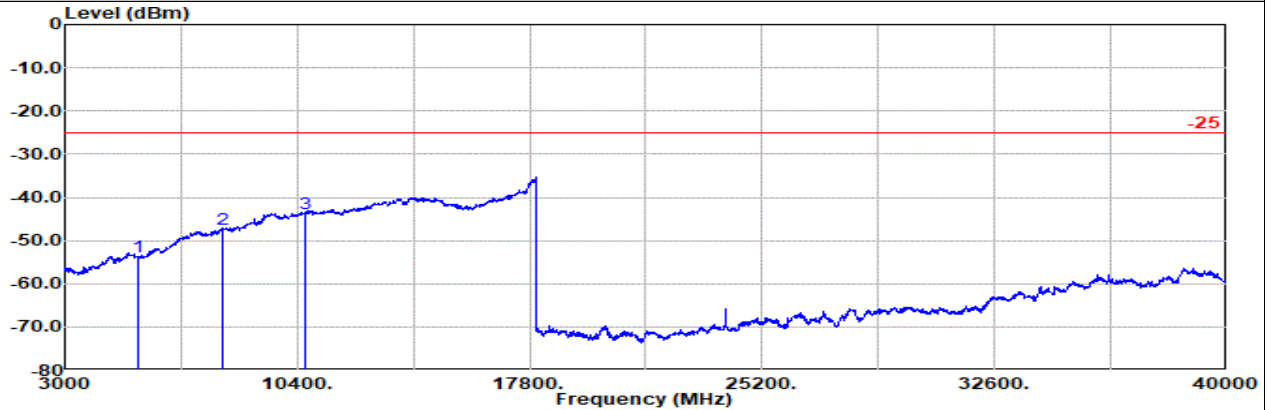


Ant.0

## Part 27M Mode 81

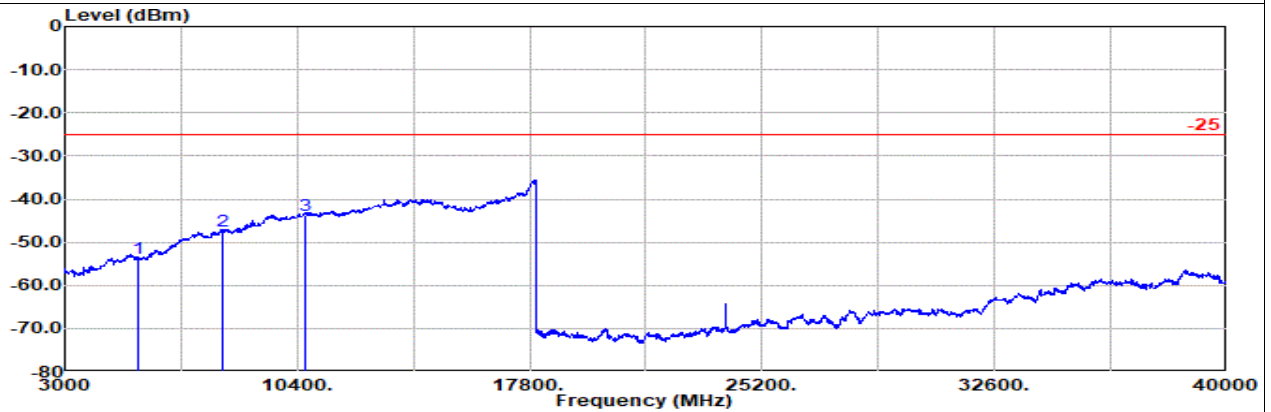
LTE CA B41C 20M + 20M Ch41292 1RB99 QPSK + Ch41490 1RB0 QPSK

H



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Horizontal  
: LTE Band 41C 20M Ch39750 1RB99 QPSK  
: LTE Band 41C 20M Ch39948 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant    |        | Filter | EIRPCF |  | Readin | Limit  | Margin |  | Pol        |
|---|----------|--------|----------|--------|--------|--------|--------|--|--------|--------|--------|--|------------|
|   |          |        |          | Factor | Amp\Cb |        | 1      |  |        |        |        |  |            |
|   | MHz      | dBm    |          |        |        |        |        |  |        |        |        |  |            |
| 1 | 5337.00  | -53.59 | RMS      | 32.97  | -22.35 | 0.56   | -95.23 |  | 30.46  | -25.00 | -28.59 |  | Horizontal |
| 2 | 8006.00  | -47.25 | RMS      | 36.90  | -20.56 | 0.50   | -95.23 |  | 31.14  | -25.00 | -22.25 |  | Horizontal |
| 3 | 10675.00 | -43.70 | RMS      | 39.30  | -17.94 | 0.56   | -95.23 |  | 29.61  | -25.00 | -18.70 |  | Horizontal |



Site : 03CH11-HY  
Condition: -25 1m SHF\_1223\_230710 Vertical  
: LTE Band 41C 20M Ch39750 1RB99 QPSK  
: LTE Band 41C 20M Ch39948 1RB0 QPSK

|   | Freq     | Level  | Detector | Ant    |        | Filter | EIRPCF |  | Readin | Limit  | Margin |  | Pol      |
|---|----------|--------|----------|--------|--------|--------|--------|--|--------|--------|--------|--|----------|
|   |          |        |          | Factor | Amp\Cb |        | 1      |  |        |        |        |  |          |
|   | MHz      | dBm    |          |        |        |        |        |  |        |        |        |  |          |
| 1 | 5337.00  | -53.86 | RMS      | 32.97  | -22.35 | 0.56   | -95.23 |  | 30.19  | -25.00 | -28.86 |  | Vertical |
| 2 | 8006.00  | -47.32 | RMS      | 36.90  | -20.56 | 0.50   | -95.23 |  | 31.07  | -25.00 | -22.32 |  | Vertical |
| 3 | 10675.00 | -43.63 | RMS      | 39.30  | -17.94 | 0.56   | -95.23 |  | 29.68  | -25.00 | -18.63 |  | Vertical |

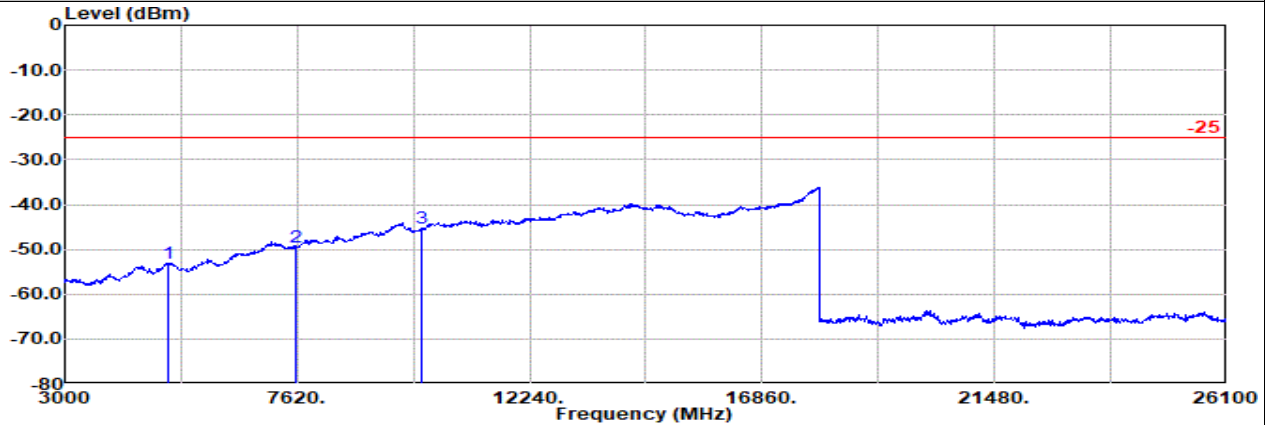


Ant.1

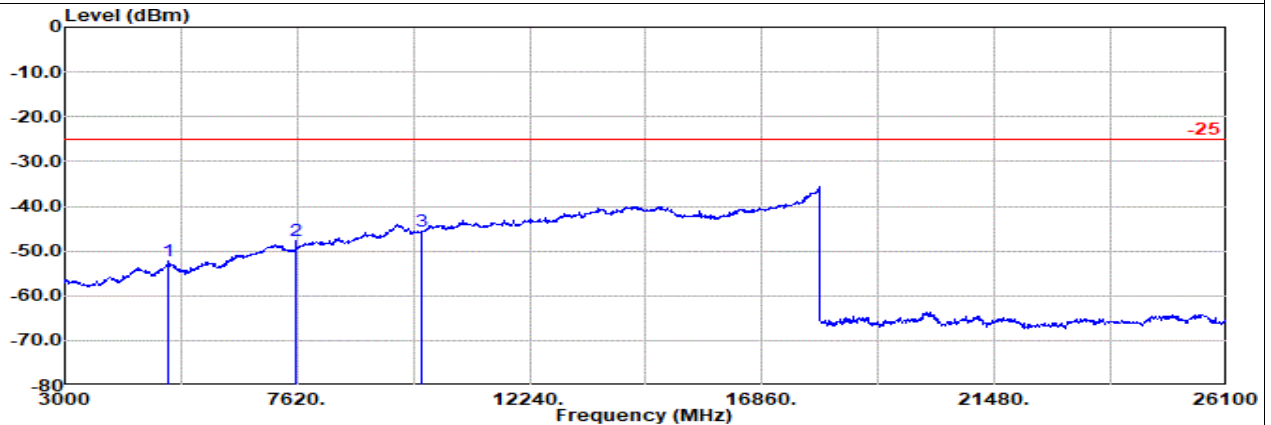
Part 27M Mode 70

LTE B7 20M Ch21100 1RB0 QPSK

M



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 5052.18    | -53.19 | RMS      | 33.20             | -22.59 | 0.50   | -95.23   | 30.93 | -25.00 | -28.19   | Horizontal |     |        |     |
| 2 | 7578.27    | -49.55 | RMS      | 36.06             | -20.61 | 0.55   | -95.23   | 29.68 | -25.00 | -24.55   | Horizontal |     |        |     |
| 3 | 10104.36   | -45.29 | RMS      | 38.60             | -18.06 | 0.58   | -95.23   | 28.82 | -25.00 | -20.29   | Horizontal |     |        |     |



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 5052.18    | -52.24 | RMS      | 33.20             | -22.59 | 0.50   | -95.23   | 31.88 | -25.00 | -27.24   | Vertical |     |        |     |
| 2 | 7578.27    | -47.69 | RMS      | 36.06             | -20.61 | 0.55   | -95.23   | 31.54 | -25.00 | -22.69   | Vertical |     |        |     |
| 3 | 10104.36   | -45.53 | RMS      | 38.60             | -18.06 | 0.58   | -95.23   | 28.58 | -25.00 | -20.53   | Vertical |     |        |     |

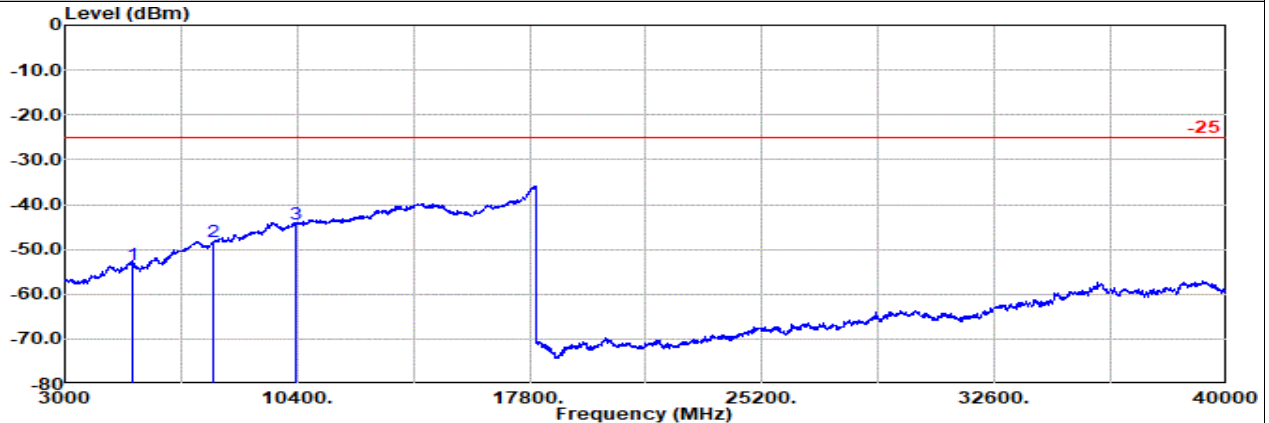


## Ant.1

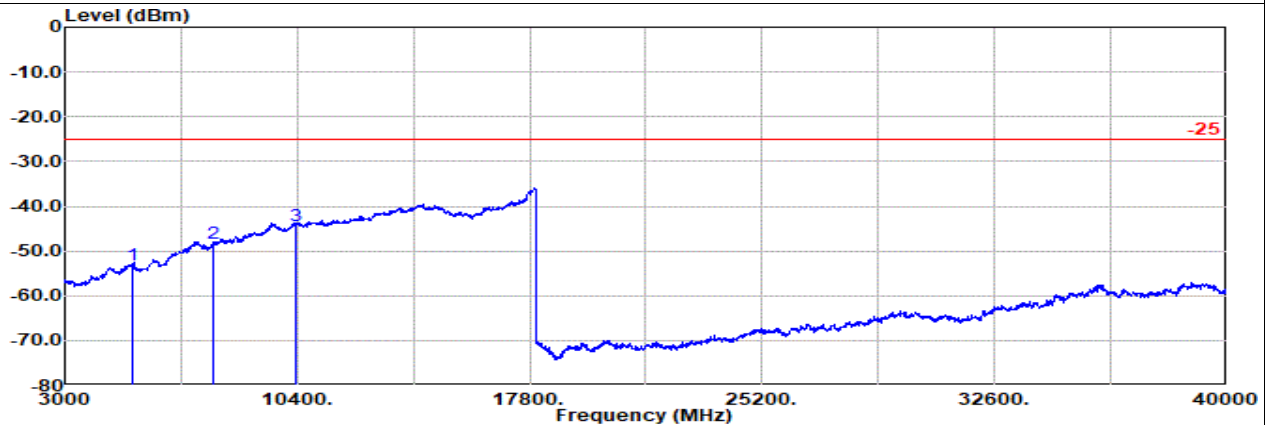
## Part 27M Mode 75

## LTE B41 20M Ch40620 1RB0 QPSK

## M



|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |          |        |          | Factor            | 1      |        | g      |       |            |                   |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 5168.00  | -53.50 | RMS      | 33.16             | -22.48 | 0.51   | -95.23 | 30.54 | -25.00     | -28.50 Horizontal |
| 2 | 7752.00  | -48.19 | RMS      | 36.41             | -20.58 | 0.56   | -95.23 | 30.65 | -25.00     | -23.19 Horizontal |
| 3 | 10336.00 | -44.35 | RMS      | 38.77             | -17.98 | 0.57   | -95.23 | 29.52 | -25.00     | -19.35 Horizontal |



|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |          |        |          | Factor            | 1      |        | g      |       |            |                 |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 5168.00  | -53.12 | RMS      | 33.16             | -22.48 | 0.51   | -95.23 | 30.92 | -25.00     | -28.12 Vertical |
| 2 | 7752.00  | -48.40 | RMS      | 36.41             | -20.58 | 0.56   | -95.23 | 30.44 | -25.00     | -23.40 Vertical |
| 3 | 10336.00 | -44.49 | RMS      | 38.77             | -17.98 | 0.57   | -95.23 | 29.38 | -25.00     | -19.49 Vertical |

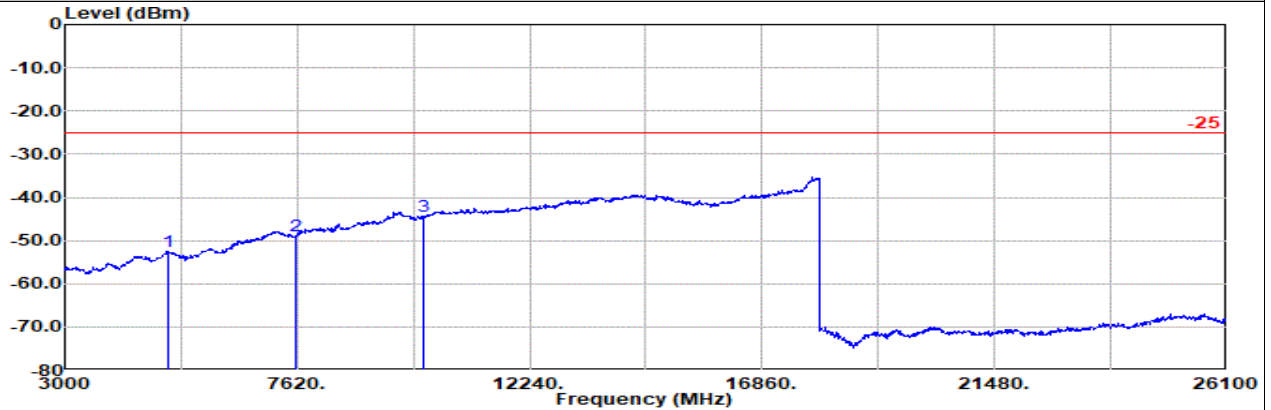


## Ant.1

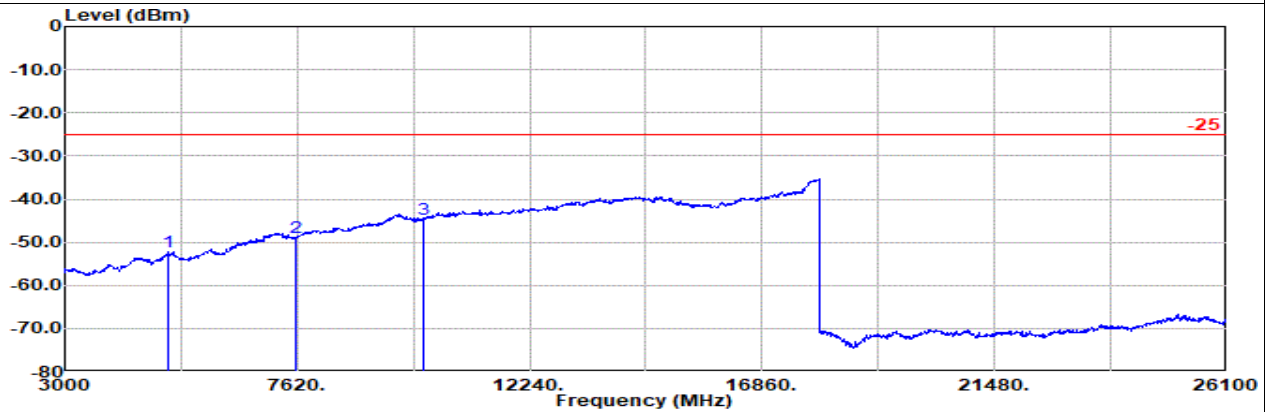
## Part 27M Mode 79

LTE CA B7C 20M + 20M Ch21001 1RB99 QPSK + Ch21199 1RB0 QPSK

## M



| 1 | 2        | 3      | Freq<br>MHz | Level<br>dBm | Detector | Ant<br>Factor | Amp\Cb |       | Filter | EIRPCF | Readin<br>g | Limit | Margin | Pol |
|---|----------|--------|-------------|--------------|----------|---------------|--------|-------|--------|--------|-------------|-------|--------|-----|
|   |          |        |             |              |          |               | dB/m   | dB    |        |        | dBuV        | dBm   | dB     |     |
| 1 | 5070.00  | -52.63 | RMS         | 33.20        | -22.57   | 0.50          | -95.23 | 31.47 | -25.00 | -27.63 | Horizontal  |       |        |     |
| 2 | 7605.00  | -48.98 | RMS         | 36.12        | -20.57   | 0.54          | -95.23 | 30.16 | -25.00 | -23.98 | Horizontal  |       |        |     |
| 3 | 10140.00 | -44.24 | RMS         | 38.60        | -18.04   | 0.58          | -95.23 | 29.85 | -25.00 | -19.24 | Horizontal  |       |        |     |



| 1 | 2        | 3      | Freq<br>MHz | Level<br>dBm | Detector | Ant<br>Factor | Amp\Cb |       | Filter | EIRPCF | Readin<br>g | Limit | Margin | Pol |
|---|----------|--------|-------------|--------------|----------|---------------|--------|-------|--------|--------|-------------|-------|--------|-----|
|   |          |        |             |              |          |               | dB/m   | dB    |        |        | dBuV        | dBm   | dB     |     |
| 1 | 5070.00  | -52.38 | RMS         | 33.20        | -22.57   | 0.50          | -95.23 | 31.72 | -25.00 | -27.38 | Vertical    |       |        |     |
| 2 | 7605.00  | -48.81 | RMS         | 36.12        | -20.57   | 0.54          | -95.23 | 30.33 | -25.00 | -23.81 | Vertical    |       |        |     |
| 3 | 10140.00 | -44.68 | RMS         | 38.60        | -18.04   | 0.58          | -95.23 | 29.41 | -25.00 | -19.68 | Vertical    |       |        |     |

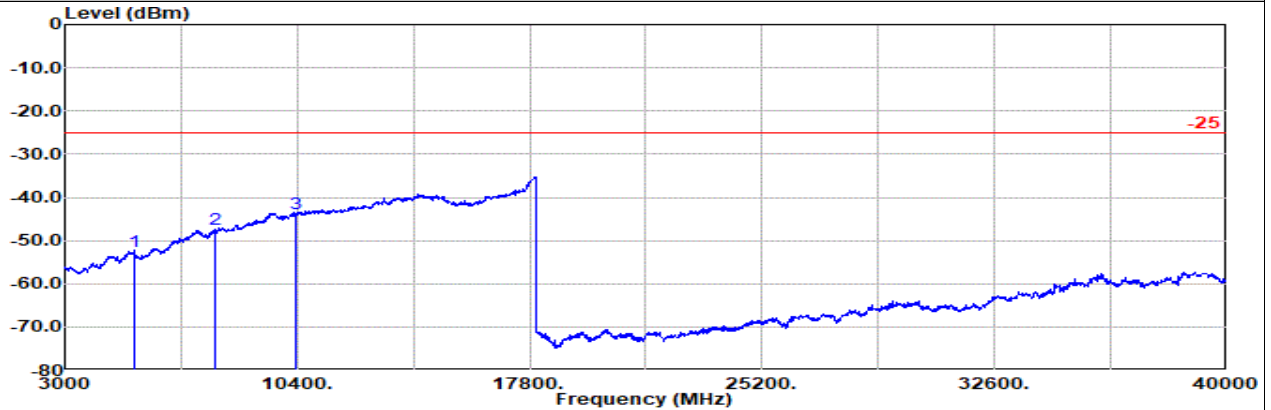


Ant.1

Part 27M Mode 83

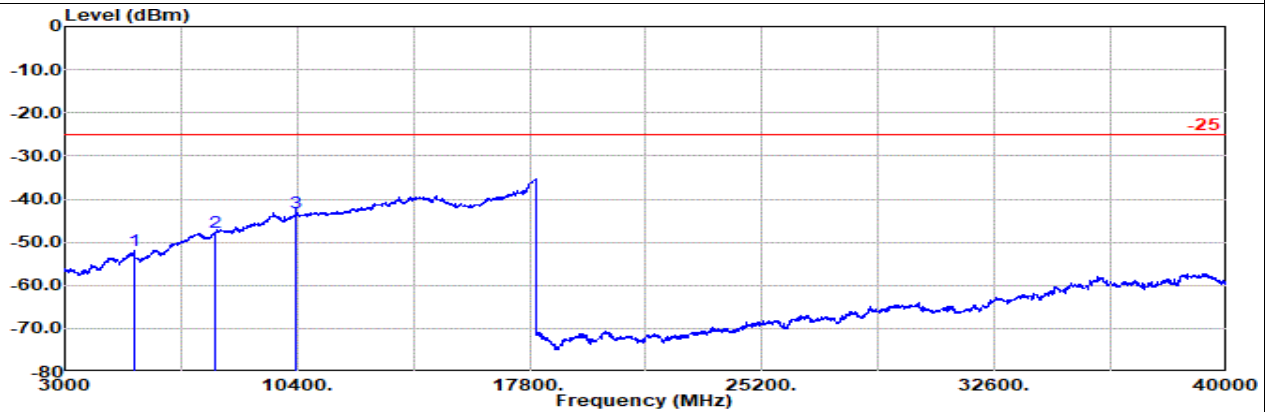
LTE CA B41C 20M + 20M Ch40521 1RB99 QPSK + Ch40719 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -25 1m SHF\_00993\_231124 Horizontal  
: LTE Band 41 20M Ch40521 1RB99 QPSK  
: LTE Band 41 20M Ch40719 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF      | Readin g | Limit  |        | Margin     | Pol |
|---|------------|--------|----------|-------------------|--------|-------------|----------|--------|--------|------------|-----|
|   | MHz        | dBm    |          | Factor            | 1      |             |          | dBuV   | dBm    |            |     |
| 1 | 5186.00    | -52.60 | RMS      | 33.13             | -22.47 | 0.51 -95.23 | 31.46    | -25.00 | -27.60 | Horizontal |     |
| 2 | 7779.00    | -47.54 | RMS      | 36.57             | -20.58 | 0.57 -95.23 | 31.13    | -25.00 | -22.54 | Horizontal |     |
| 3 | 10372.00   | -43.89 | RMS      | 38.80             | -17.97 | 0.57 -95.23 | 29.94    | -25.00 | -18.89 | Horizontal |     |



Site : 03CH11-HY  
Condition: -25 1m SHF\_00993\_231124 Vertical  
: LTE Band 41 20M Ch40521 1RB99 QPSK  
: LTE Band 41 20M Ch40719 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF      | Readin g | Limit  |        | Margin   | Pol |
|---|------------|--------|----------|-------------------|--------|-------------|----------|--------|--------|----------|-----|
|   | MHz        | dBm    |          | Factor            | 1      |             |          | dBuV   | dBm    |          |     |
| 1 | 5186.00    | -51.93 | RMS      | 33.13             | -22.47 | 0.51 -95.23 | 32.13    | -25.00 | -26.93 | Vertical |     |
| 2 | 7779.00    | -47.64 | RMS      | 36.57             | -20.58 | 0.57 -95.23 | 31.03    | -25.00 | -22.64 | Vertical |     |
| 3 | 10372.00   | -43.05 | RMS      | 38.80             | -17.97 | 0.57 -95.23 | 30.78    | -25.00 | -18.05 | Vertical |     |

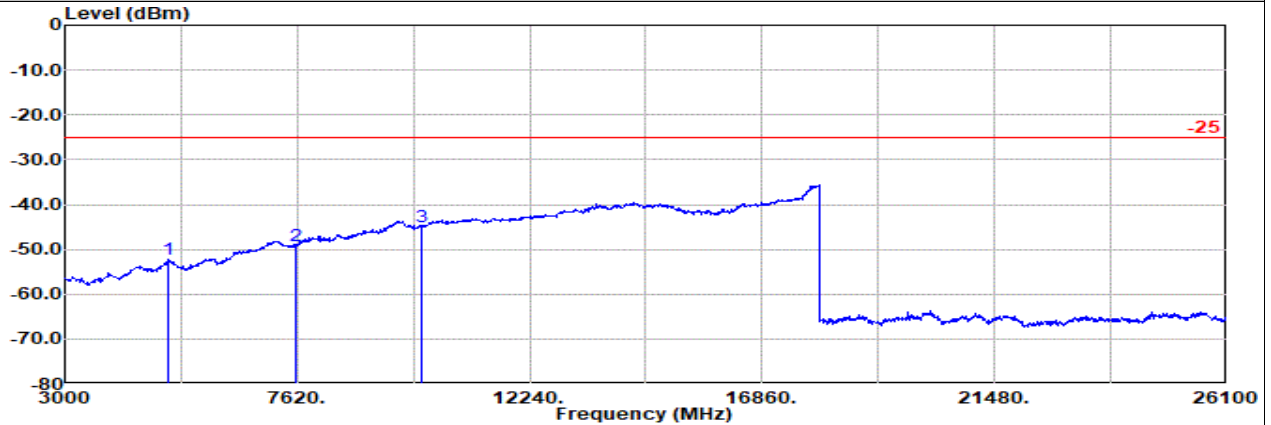


Ant.2

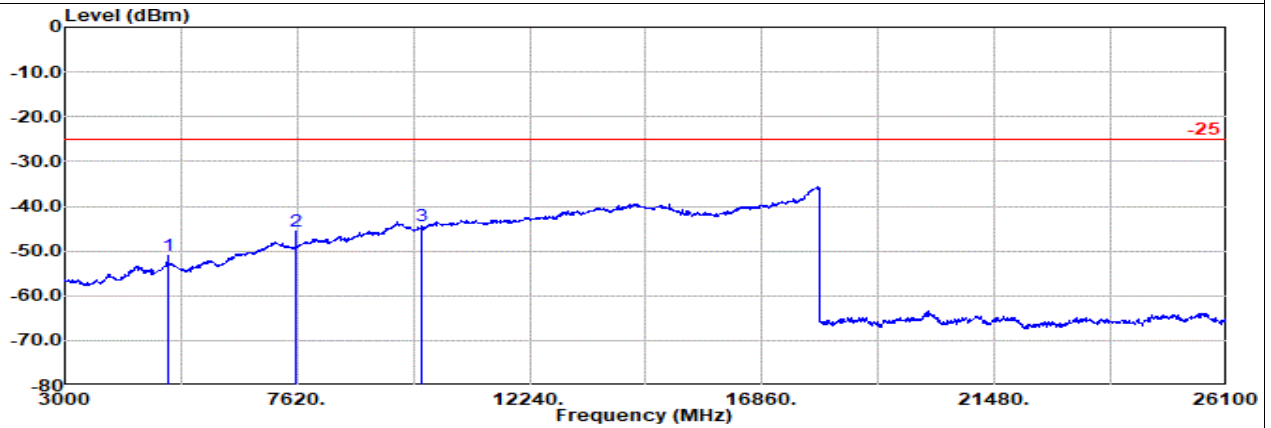
Part 27M Mode 71

LTE B7 20M Ch21100 1RB0 QPSK

M



|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                   |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB                |
| 1 | 5052.18  | -52.36 | RMS      | 33.20             | -22.59 | 0.50   | -95.23 | 31.76 | -25.00     | -27.36 Horizontal |
| 2 | 7578.27  | -49.12 | RMS      | 36.06             | -20.61 | 0.55   | -95.23 | 30.11 | -25.00     | -24.12 Horizontal |
| 3 | 10104.36 | -45.10 | RMS      | 38.60             | -18.06 | 0.58   | -95.23 | 29.01 | -25.00     | -20.10 Horizontal |



|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|----------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   |          |        |          | Factor            | 1      |        |        |       |            |                 |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV  | dBm        | dB              |
| 1 | 5052.18  | -50.91 | RMS      | 33.20             | -22.59 | 0.50   | -95.23 | 33.21 | -25.00     | -25.91 Vertical |
| 2 | 7578.27  | -45.63 | RMS      | 36.06             | -20.61 | 0.55   | -95.23 | 33.60 | -25.00     | -20.63 Vertical |
| 3 | 10104.36 | -44.44 | RMS      | 38.60             | -18.06 | 0.58   | -95.23 | 29.67 | -25.00     | -19.44 Vertical |

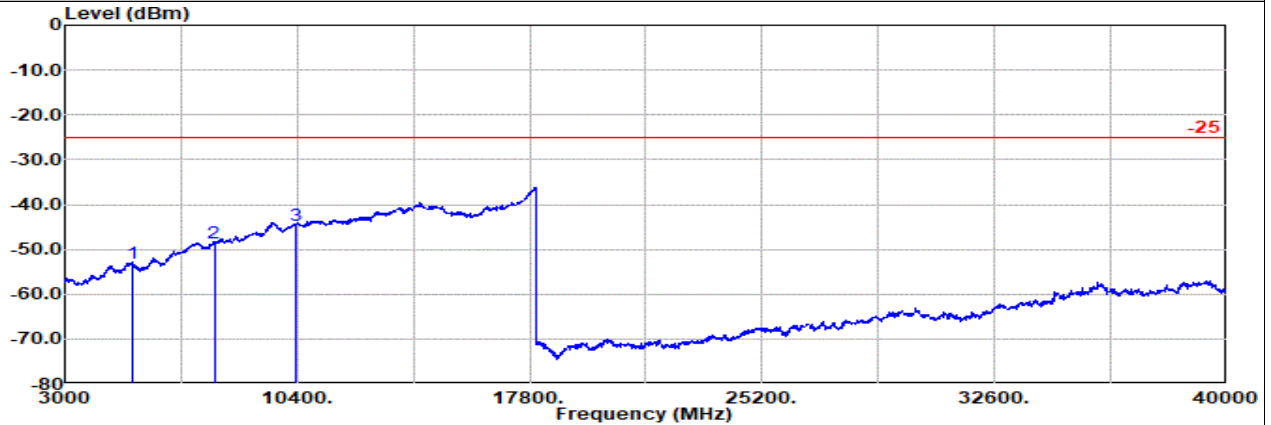


## Ant.2

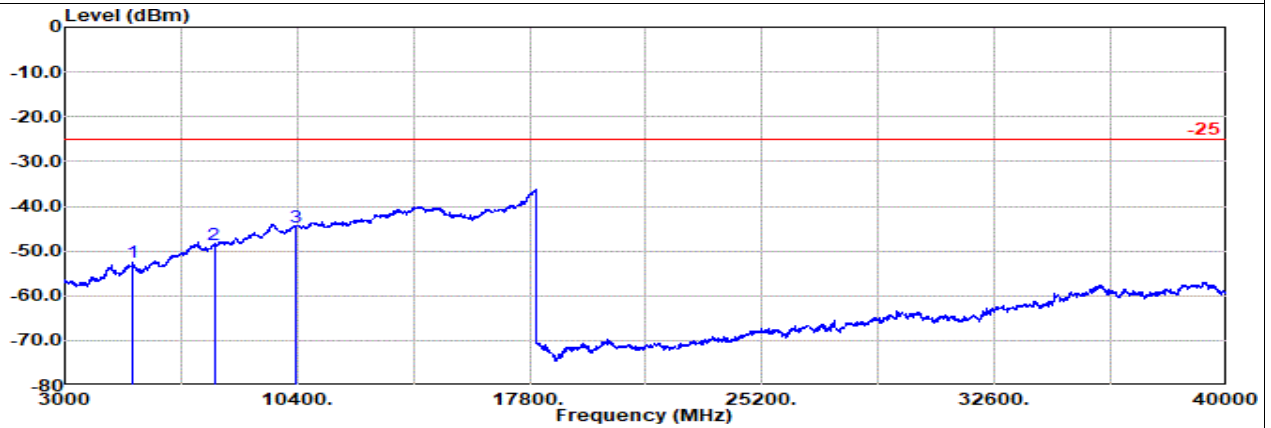
## Part 27M Mode 76

## LTE B41 20M Ch40620 1RB0 QPSK

## M



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 5168.18    | -53.25 | RMS      | 33.16             | -22.48 | 0.51   | -95.23   | 30.79 | -25.00 | -28.25   | Horizontal |     |        |     |
| 2 | 7752.27    | -48.66 | RMS      | 36.41             | -20.58 | 0.56   | -95.23   | 30.18 | -25.00 | -23.66   | Horizontal |     |        |     |
| 3 | 10336.36   | -44.66 | RMS      | 38.77             | -17.98 | 0.57   | -95.23   | 29.21 | -25.00 | -19.66   | Horizontal |     |        |     |



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 5168.18    | -52.59 | RMS      | 33.16             | -22.48 | 0.51   | -95.23   | 31.45 | -25.00 | -27.59   | Vertical |     |        |     |
| 2 | 7752.27    | -48.51 | RMS      | 36.41             | -20.58 | 0.56   | -95.23   | 30.33 | -25.00 | -23.51   | Vertical |     |        |     |
| 3 | 10336.36   | -44.60 | RMS      | 38.77             | -17.98 | 0.57   | -95.23   | 29.27 | -25.00 | -19.60   | Vertical |     |        |     |

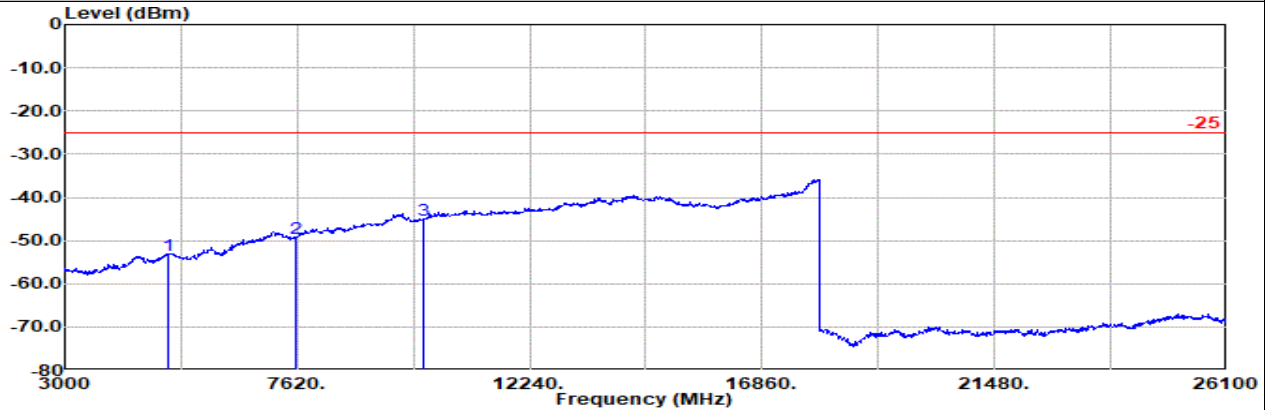


## Ant.2

## Part 27M Mode 80

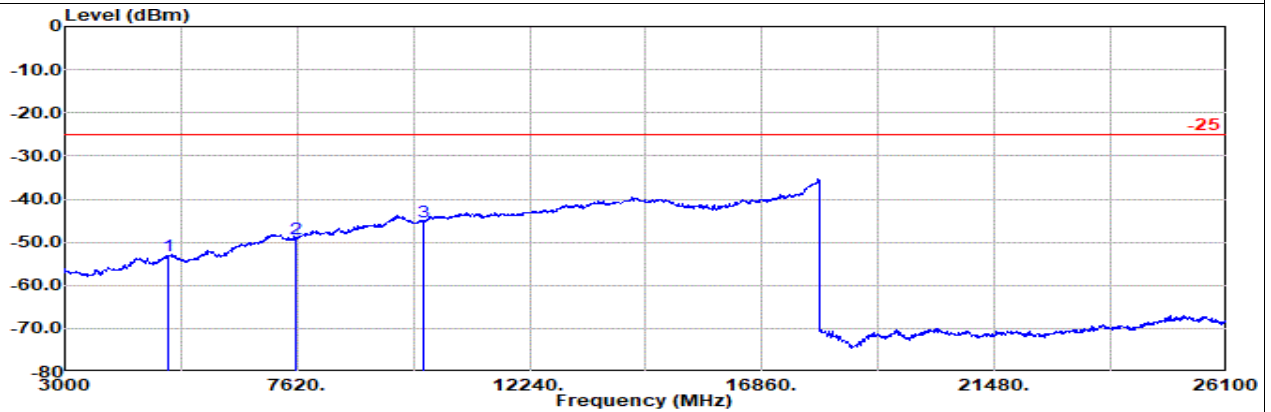
LTE CA B7C 20M + 20M Ch21001 1RB99 QPSK + Ch21199 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -25 1m SHF\_00993\_231124 Horizontal  
: LTE Band 7 20M Ch21100 1RB99 QPSK  
: LTE Band 7 20M Ch21199 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                   |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|------------|-------------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g      |       |            |                   |
| 1 | 5067.00    | -53.31 | RMS      | 33.20             | -22.58 | 0.50   | -95.23 | 30.80 | -25.00     | -28.31 Horizontal |
| 2 | 7601.00    | -49.39 | RMS      | 36.10             | -20.57 | 0.54   | -95.23 | 29.77 | -25.00     | -24.39 Horizontal |
| 3 | 10135.00   | -45.15 | RMS      | 38.60             | -18.05 | 0.58   | -95.23 | 28.95 | -25.00     | -20.15 Horizontal |



Site : 03CH11-HY  
Condition: -25 1m SHF\_00993\_231124 Vertical  
: LTE Band 7 20M Ch21100 1RB99 QPSK  
: LTE Band 7 20M Ch21199 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin | Limit | Margin Pol |                 |
|---|------------|--------|----------|-------------------|--------|--------|--------|-------|------------|-----------------|
|   | MHz        | dBm    |          | Factor            | 1      |        | g      |       |            |                 |
| 1 | 5067.00    | -53.14 | RMS      | 33.20             | -22.58 | 0.50   | -95.23 | 30.97 | -25.00     | -28.14 Vertical |
| 2 | 7601.00    | -49.14 | RMS      | 36.10             | -20.57 | 0.54   | -95.23 | 30.02 | -25.00     | -24.14 Vertical |
| 3 | 10135.00   | -45.27 | RMS      | 38.60             | -18.05 | 0.58   | -95.23 | 28.83 | -25.00     | -20.27 Vertical |

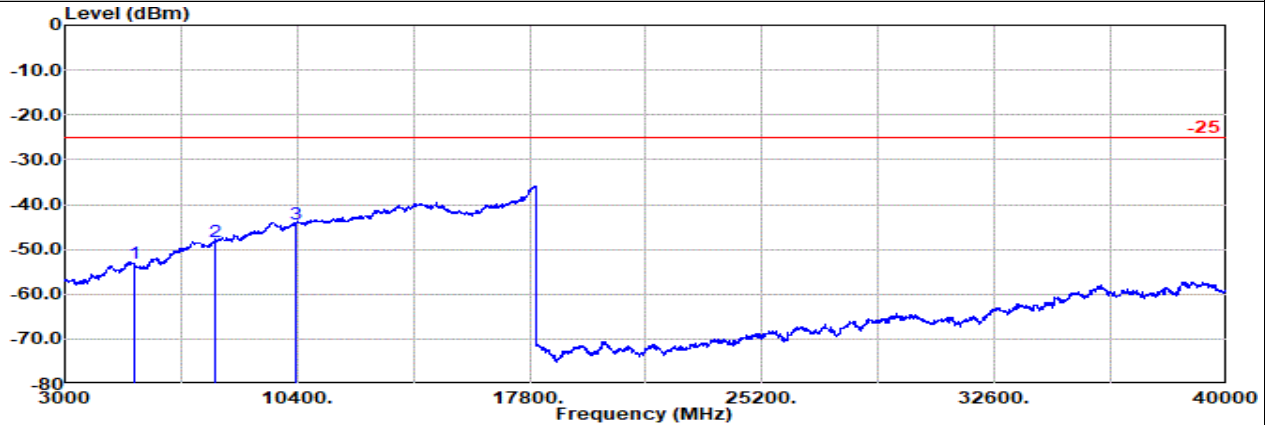


Ant.2

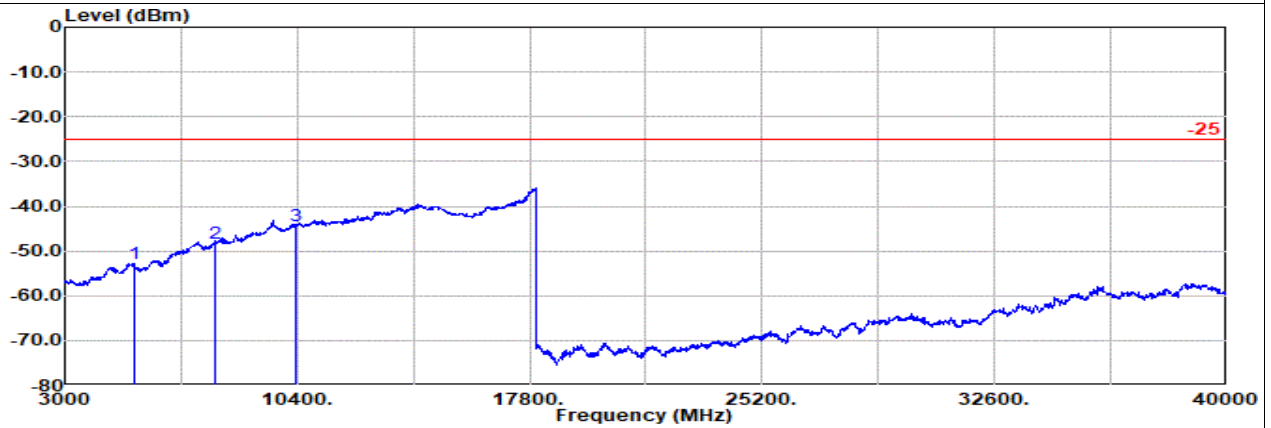
## Part 27M Mode 84

LTE CA B41C 20M + 20M Ch40521 1RB99 QPSK + Ch40719 1RB0 QPSK

M



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF      | Readin g | Limit  |        | Margin     | Pol |
|---|------------|--------|----------|-------------------|--------|-------------|----------|--------|--------|------------|-----|
|   | MHz        | dBm    |          | Factor            | dB     |             |          | dBuV   | dBm    |            |     |
| 1 | 5186.00    | -52.98 | RMS      | 33.13             | -22.47 | 0.51 -95.23 | 31.08    | -25.00 | -27.98 | Horizontal |     |
| 2 | 7779.00    | -48.25 | RMS      | 36.57             | -20.58 | 0.57 -95.23 | 30.42    | -25.00 | -23.25 | Horizontal |     |
| 3 | 10372.00   | -44.41 | RMS      | 38.80             | -17.97 | 0.57 -95.23 | 29.42    | -25.00 | -19.41 | Horizontal |     |



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF      | Readin g | Limit  |        | Margin   | Pol |
|---|------------|--------|----------|-------------------|--------|-------------|----------|--------|--------|----------|-----|
|   | MHz        | dBm    |          | Factor            | dB     |             |          | dBuV   | dBm    |          |     |
| 1 | 5186.00    | -52.85 | RMS      | 33.13             | -22.47 | 0.51 -95.23 | 31.21    | -25.00 | -27.85 | Vertical |     |
| 2 | 7779.00    | -48.32 | RMS      | 36.57             | -20.58 | 0.57 -95.23 | 30.35    | -25.00 | -23.32 | Vertical |     |
| 3 | 10372.00   | -44.36 | RMS      | 38.80             | -17.97 | 0.57 -95.23 | 29.47    | -25.00 | -19.36 | Vertical |     |

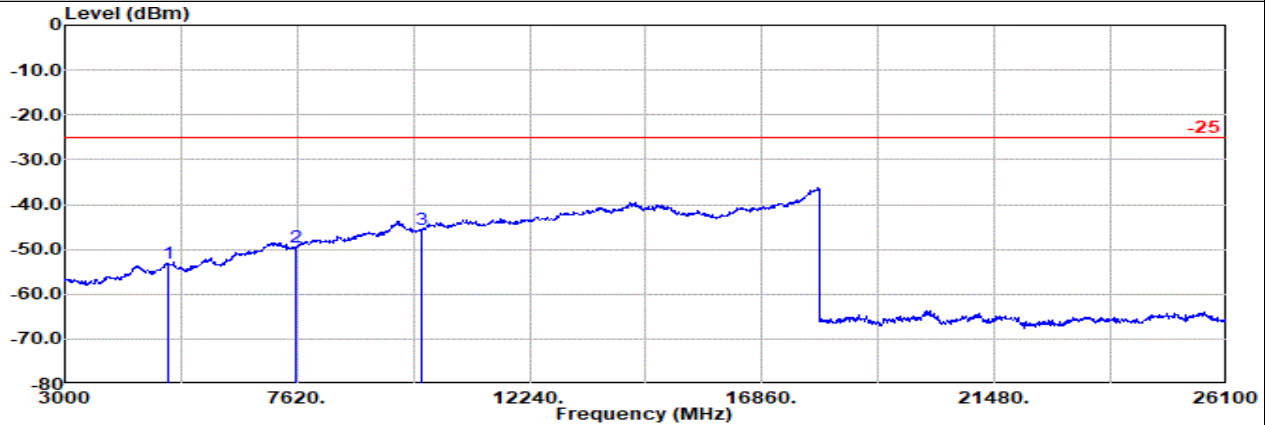


Ant.3

Part 27M Mode 72

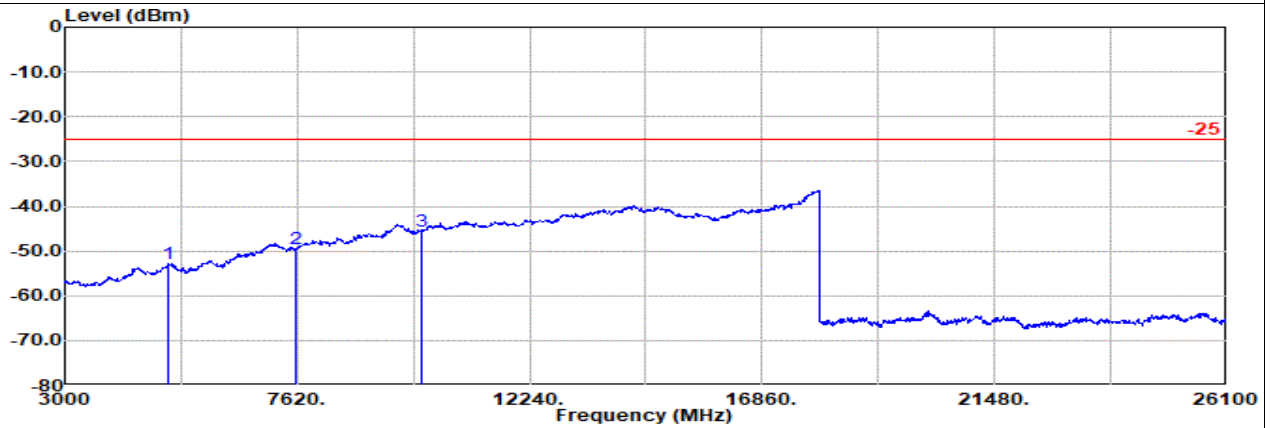
LTE B7 20M Ch21100 1RB0 QPSK

M



Site : 03CH11-HY  
Condition: -25 1m SHF\_1224\_230710 Horizontal  
: LTE Band 7 20M Ch21100 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 5052.18    | -53.06 | RMS      | 33.20             | -22.59 | 0.50   | -95.23   | 31.06 | -25.00 | -28.06   | Horizontal |     |        |     |
| 2 | 7578.27    | -49.66 | RMS      | 36.06             | -20.61 | 0.55   | -95.23   | 29.57 | -25.00 | -24.66   | Horizontal |     |        |     |
| 3 | 10104.36   | -45.59 | RMS      | 38.60             | -18.06 | 0.58   | -95.23   | 28.52 | -25.00 | -20.59   | Horizontal |     |        |     |



Site : 03CH11-HY  
Condition: -25 1m SHF\_1224\_230710 Vertical  
: LTE Band 7 20M Ch21100 1RB0 QPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 5052.18    | -52.72 | RMS      | 33.20             | -22.59 | 0.50   | -95.23   | 31.40 | -25.00 | -27.72   | Vertical |     |        |     |
| 2 | 7578.27    | -49.58 | RMS      | 36.06             | -20.61 | 0.55   | -95.23   | 29.65 | -25.00 | -24.58   | Vertical |     |        |     |
| 3 | 10104.36   | -45.62 | RMS      | 38.60             | -18.06 | 0.58   | -95.23   | 28.49 | -25.00 | -20.62   | Vertical |     |        |     |

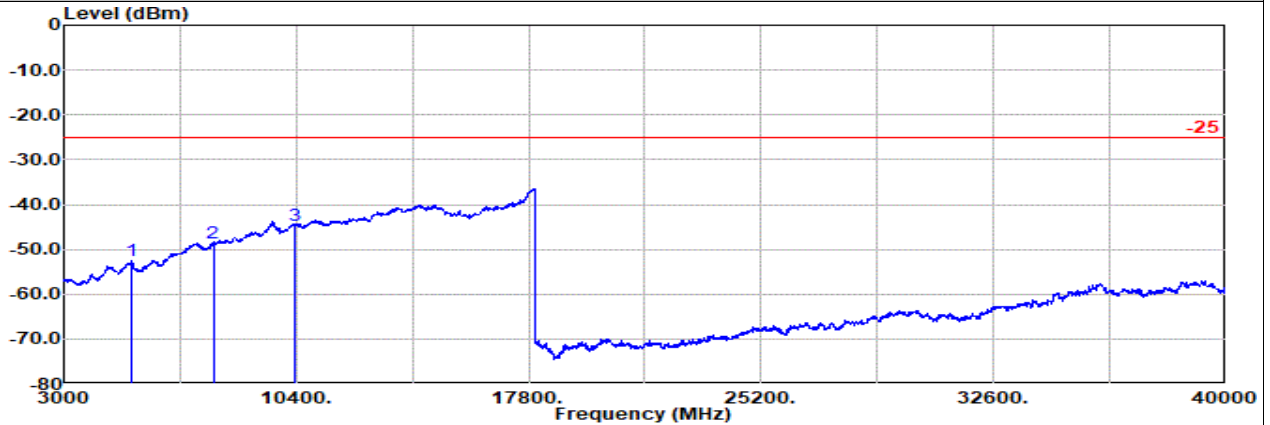


Ant.3

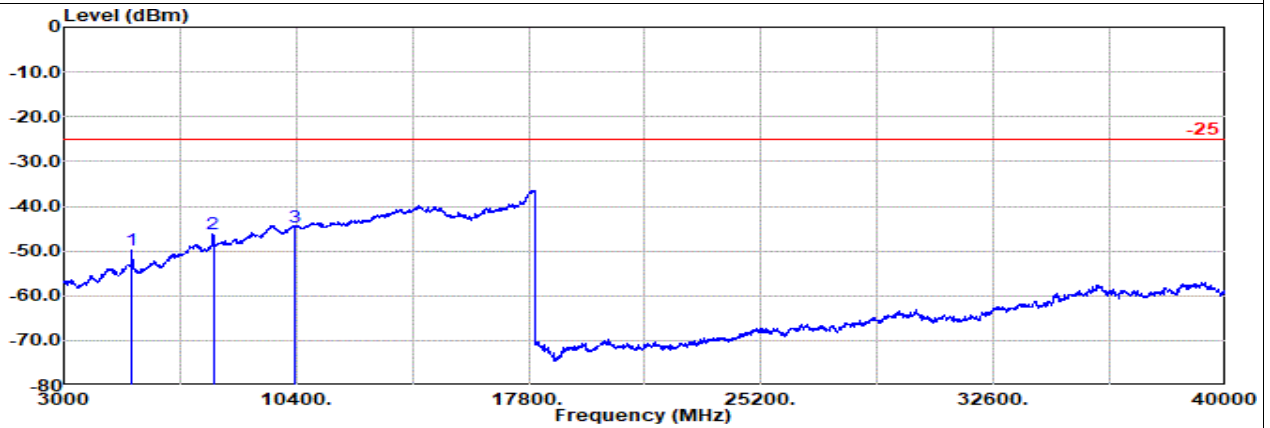
Part 27M Mode 74

LTE B41 20M Ch40620 1RB0 QPSK

M



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit      |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|------------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV       | dBm | dB     |     |
| 1 | 5168.18    | -52.64 | RMS      | 33.16             | -22.48 | 0.51   | -95.23   | 31.40 | -25.00 | -27.64   | Horizontal |     |        |     |
| 2 | 7752.27    | -48.64 | RMS      | 36.41             | -20.58 | 0.56   | -95.23   | 30.20 | -25.00 | -23.64   | Horizontal |     |        |     |
| 3 | 10336.36   | -44.61 | RMS      | 38.77             | -17.98 | 0.57   | -95.23   | 29.26 | -25.00 | -19.61   | Horizontal |     |        |     |



|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | Factor | Filter 1 |       | EIRPCF | Readin g | Limit    |     | Margin | Pol |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|----------|----------|-----|--------|-----|
|   | MHz        | dBm    |          | dB/m              | dB     |        | dB       | dB    |        |          | dBuV     | dBm | dB     |     |
| 1 | 5168.18    | -49.89 | RMS      | 33.16             | -22.48 | 0.51   | -95.23   | 34.15 | -25.00 | -24.89   | Vertical |     |        |     |
| 2 | 7752.27    | -46.30 | RMS      | 36.41             | -20.58 | 0.56   | -95.23   | 32.54 | -25.00 | -21.30   | Vertical |     |        |     |
| 3 | 10336.36   | -44.58 | RMS      | 38.77             | -17.98 | 0.57   | -95.23   | 29.29 | -25.00 | -19.58   | Vertical |     |        |     |