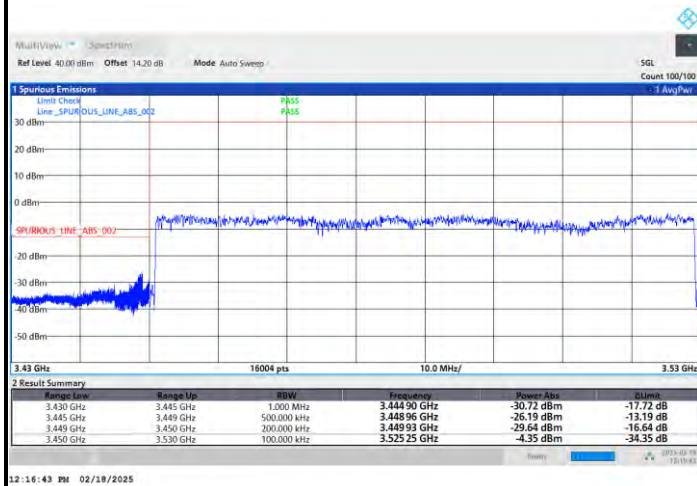


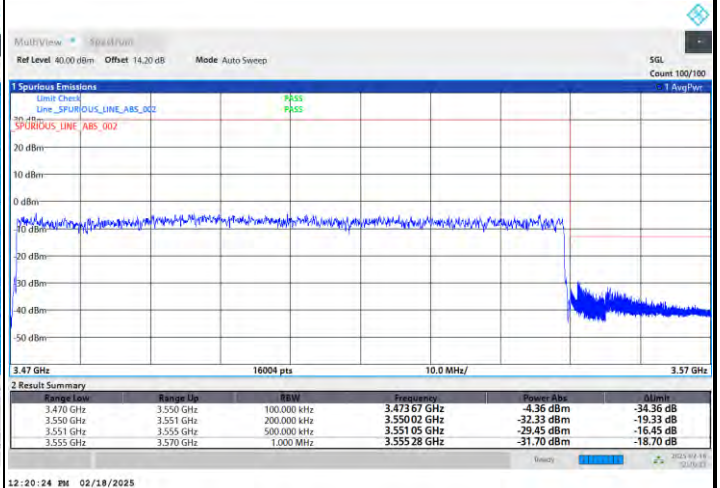


## FR1 n77 / 80MHz / CP OFDM / 64QAM

## Lowest Band Edge / Full RB

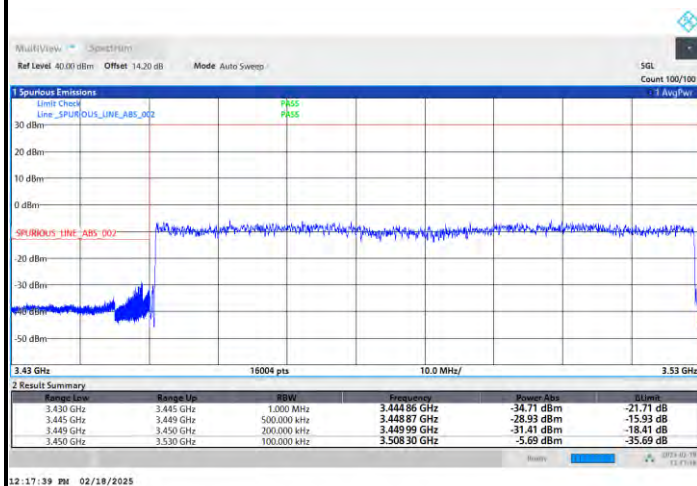


## Highest Band Edge / Full RB

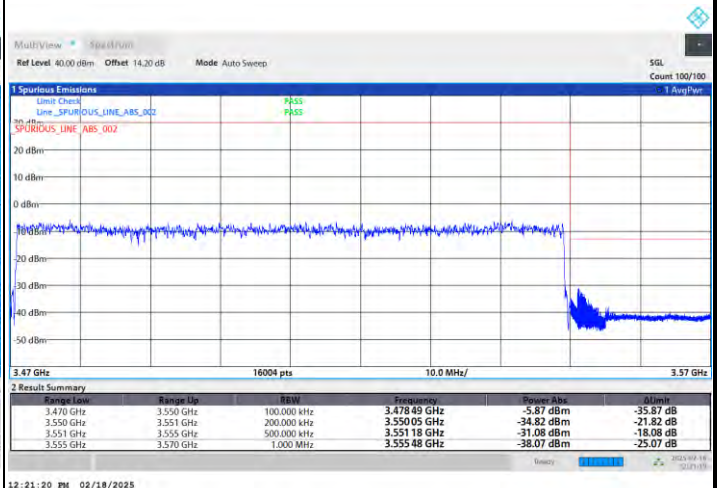


## FR1 n77 / 80MHz / CP OFDM / 256QAM

## Lowest Band Edge / Full RB



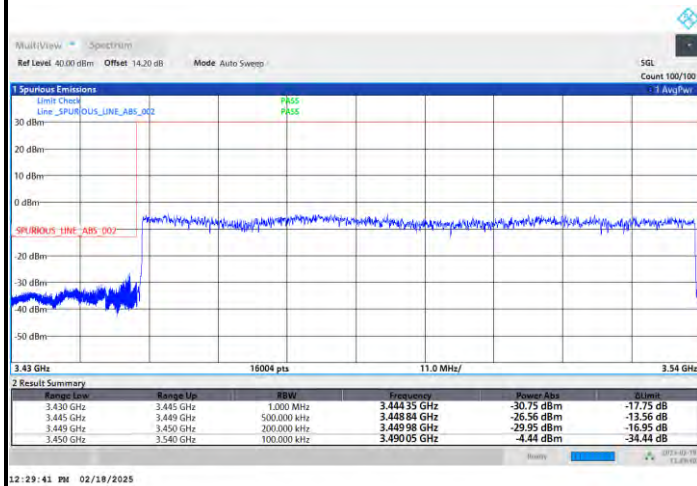
## Highest Band Edge / Full RB





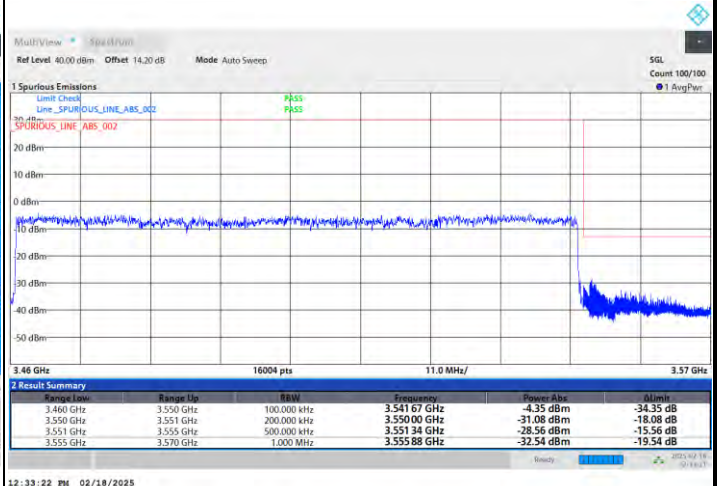
## FR1 n77 / 90MHz / CP OFDM / QPSK

## Lowest Band Edge / Full RB



12:29:41 PM 02/18/2025

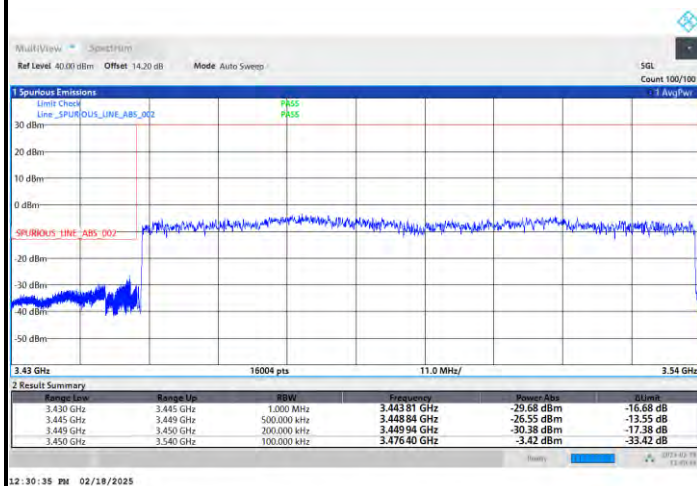
## Highest Band Edge / Full RB



12:33:22 PM 02/18/2025

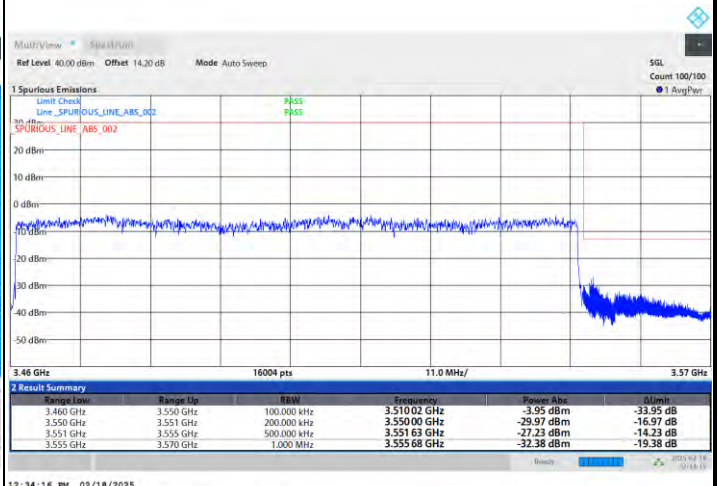
## FR1 n77 / 90MHz / CP OFDM / 16QAM

## Lowest Band Edge / Full RB



12:30:35 PM 02/18/2025

## Highest Band Edge / Full RB

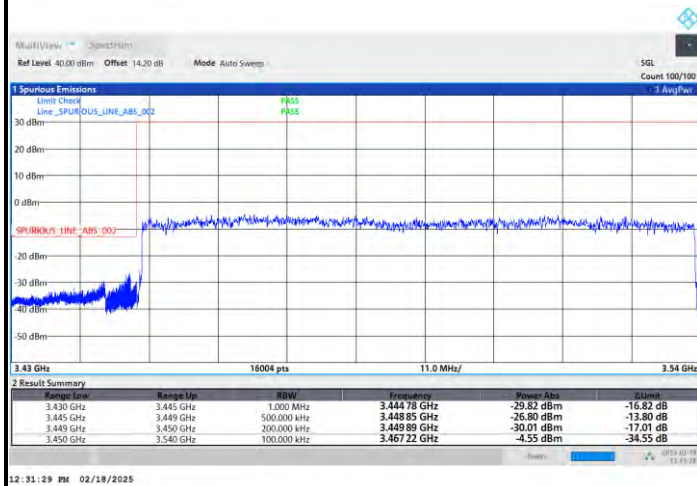


12:34:16 PM 02/18/2025

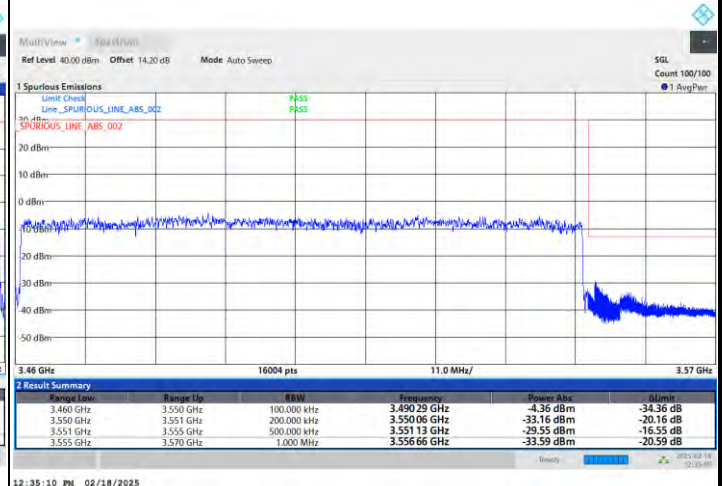


## FR1 n77 / 90MHz / CP OFDM / 64QAM

## Lowest Band Edge / Full RB

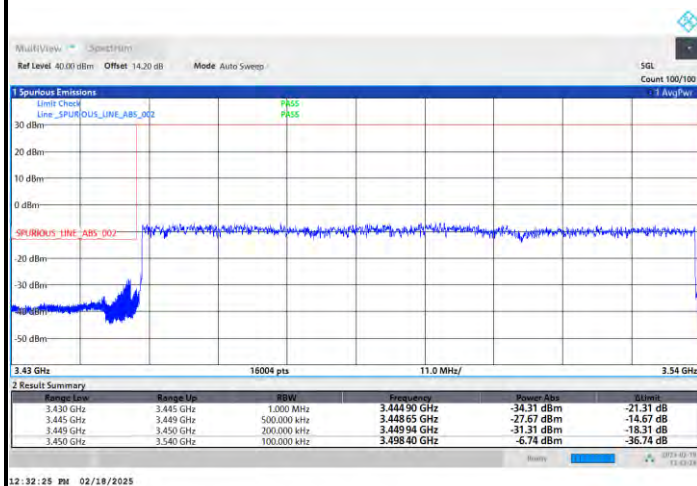


## Highest Band Edge / Full RB

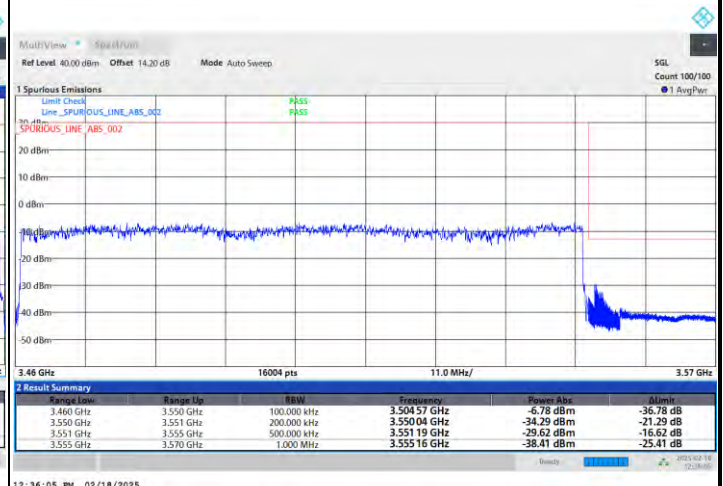


## FR1 n77 / 90MHz / CP OFDM / 256QAM

## Lowest Band Edge / Full RB



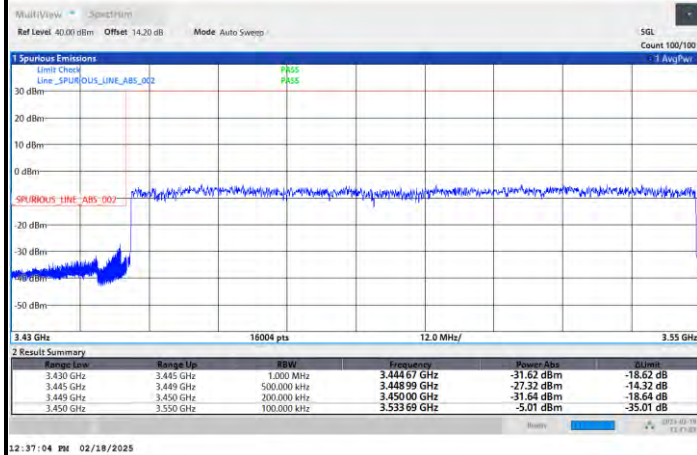
## Highest Band Edge / Full RB



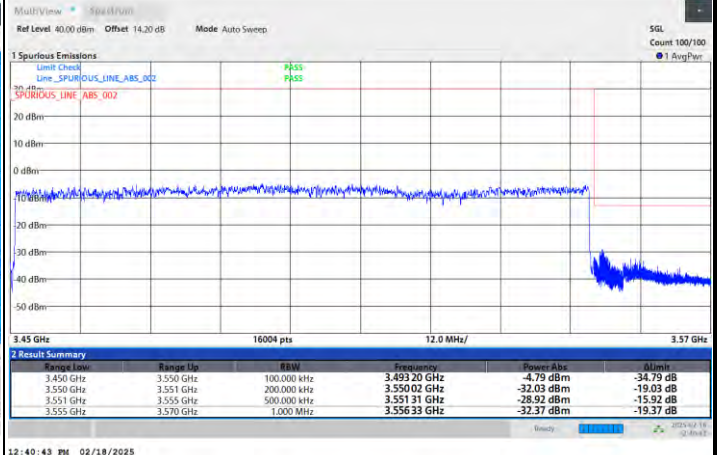


## FR1 n77 / 100MHz / CP OFDM / QPSK

## Lowest Band Edge / Full RB

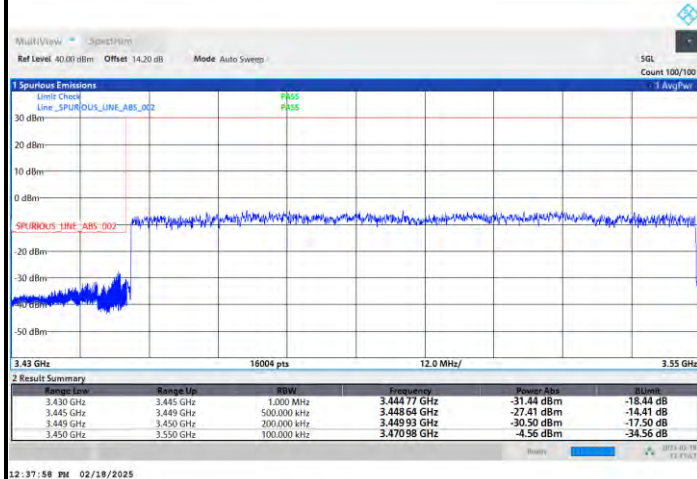


## Highest Band Edge / Full RB

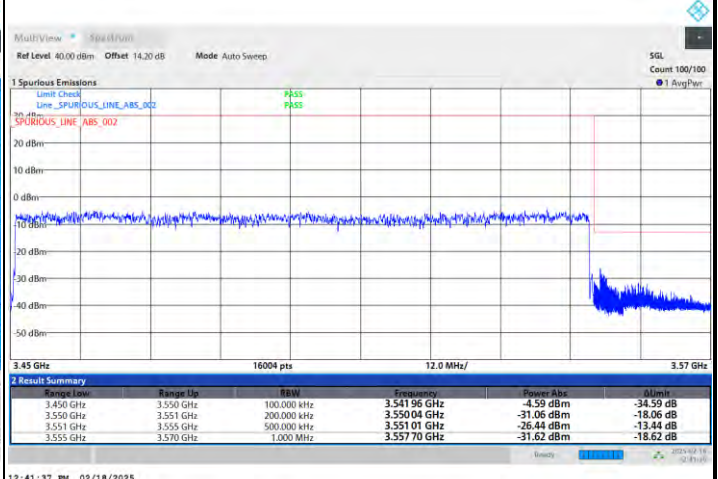


## FR1 n77 / 100MHz / CP OFDM / 16QAM

## Lowest Band Edge / Full RB



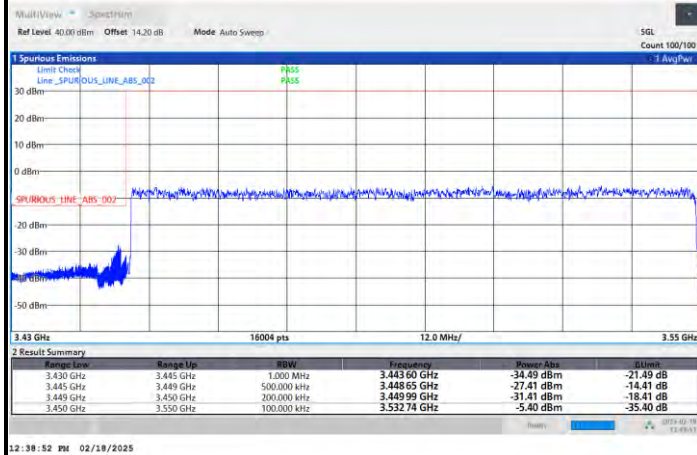
## Highest Band Edge / Full RB



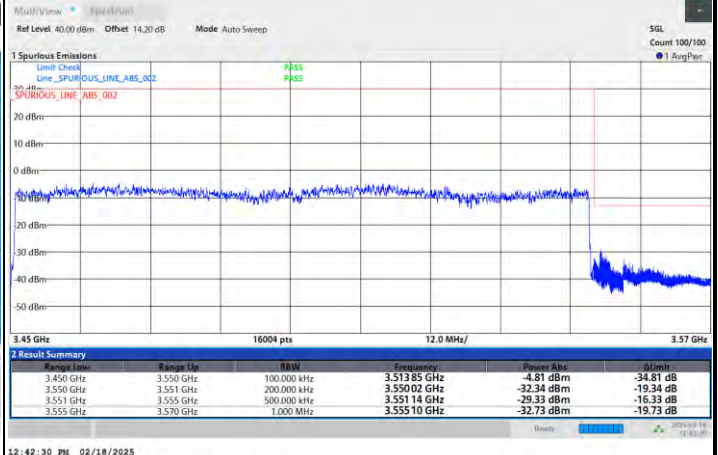


## FR1 n77 / 100MHz / CP OFDM / 64QAM

## Lowest Band Edge / Full RB

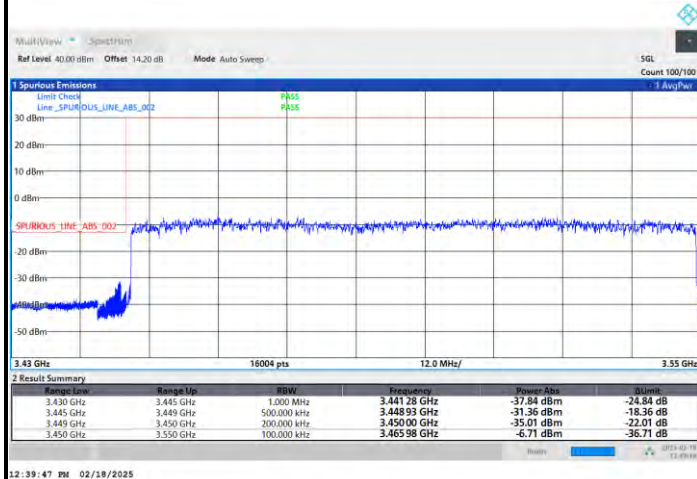


## Highest Band Edge / Full RB

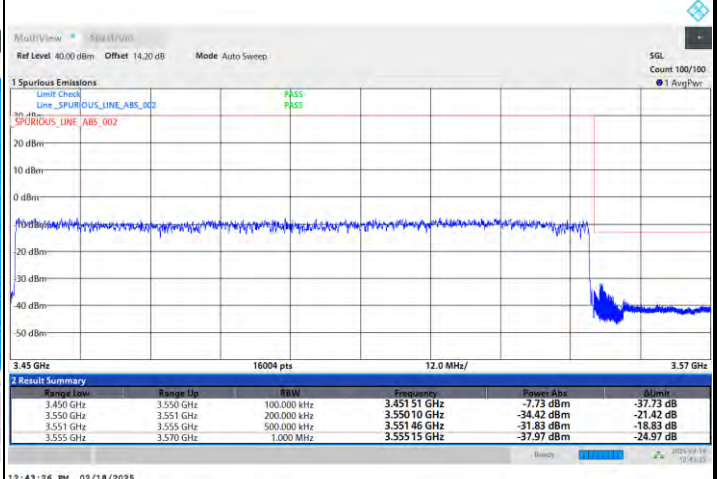


## FR1 n77 / 100MHz / CP OFDM / 256QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

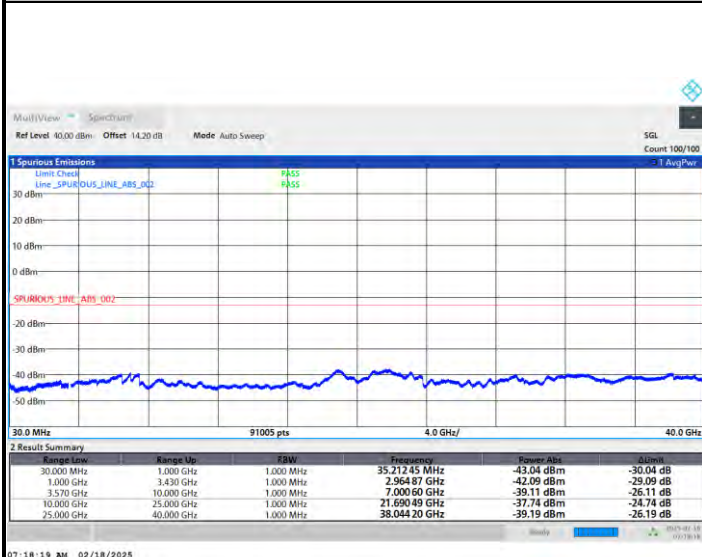




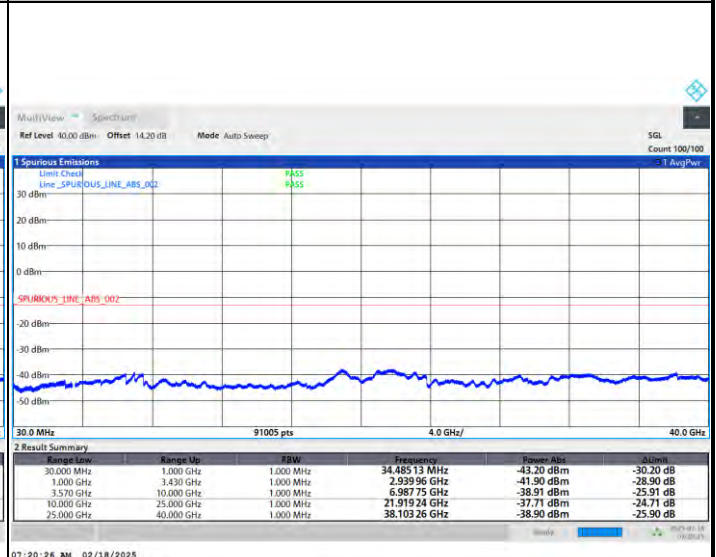
# Conducted Spurious Emission

FR1 n77 / 10MHz / CP OFDM / QPSK / 1RB1

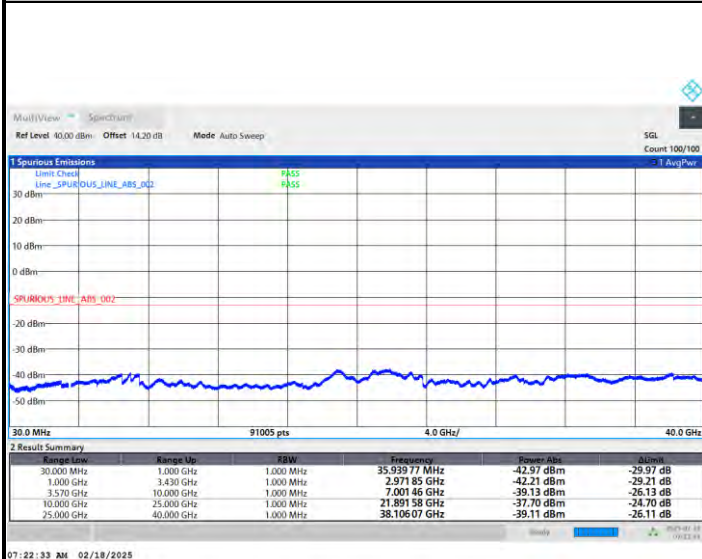
## Lowest Channel



## Middle Channel



## Highest Channel



## Frequency Stability

| Test Conditions     |                   | FR1 n77 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|---------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 20MHz                        | Note 2. |
|                     |                   | Deviation (ppm)                 | Result  |
| 50                  | Normal Voltage    | 0.0059                          | PASS    |
| 40                  | Normal Voltage    | 0.0055                          |         |
| 30                  | Normal Voltage    | 0.0024                          |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                          |         |
| 10                  | Normal Voltage    | 0.0199                          |         |
| 0                   | Normal Voltage    | 0.0083                          |         |
| -10                 | Normal Voltage    | 0.0155                          |         |
| -20                 | Normal Voltage    | 0.0177                          |         |
| -30                 | Normal Voltage    | 0.0040                          |         |
| 20                  | Maximum Voltage   | 0.0113                          |         |
| 20                  | Normal Voltage    | 0.0086                          |         |
| 20                  | Minimum Voltage   | 0.0095                          |         |

**Note:**

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### B1. Summary of each worse mode

| Mode | Part     | Band           | Ch | Freq (MHz) | Level (dBm) | Det | Ant Factor (dB) | Amp\Cbl (dB) | Filter (dB) | EIRPCF (dB) | Reading (dBuV) | Limit (dBm) | Margin (dB) | Pol | Ant |
|------|----------|----------------|----|------------|-------------|-----|-----------------|--------------|-------------|-------------|----------------|-------------|-------------|-----|-----|
| 1    | Part 22H | NR SA n26      | M  | 3311       | -65.15      | RMS | 29.80           | -58.11       | 0.40        | -95.23      | 57.99          | -13.00      | -52.15      | V   | 0   |
| 2    | Part 22H | NR SA n26      | M  | 2483       | -64.20      | RMS | 27.93           | -59.76       | 0.51        | -95.23      | 62.35          | -13.00      | -51.20      | V   | 1   |
| 3    | Part 22H | EN-DC B48+n26  | M  | 3311       | -64.49      | RMS | 29.80           | -58.11       | 0.82        | -95.23      | 58.23          | -13.00      | -51.49      | H   | 7+1 |
| 1    | Part 24E | NR SA n25      | M  | 5621       | -51.86      | RMS | 33.14           | -55.08       | 0.39        | -95.23      | 64.92          | -13.00      | -38.86      | H   | 2   |
| 2    | Part 24E | NR SA n25      | L  | 3702       | -52.72      | RMS | 29.91           | -57.83       | 0.76        | -95.23      | 69.67          | -13.00      | -39.72      | H   | 0   |
| 3    | Part 24E | EN-DC B2+n25   | M  | 5621       | -53.12      | RMS | 33.14           | -55.08       | 0.39        | -95.23      | 63.66          | -13.00      | -40.12      | V   | 1+2 |
| 1    | Part 27N | NR SA n71      | M  | 2015       | -48.84      | RMS | 26.85           | -60.17       | 0.63        | -95.23      | 79.08          | -13.00      | -35.84      | H   | 0   |
| 2    | Part 27N | NR SA n71      | H  | 2038       | -46.41      | RMS | 27.28           | -60.16       | 0.64        | -95.23      | 81.06          | -13.00      | -33.41      | V   | 1   |
| 3    | Part 27N | EN-DC B48+n71  | M  | 1343       | -65.27      | RMS | 25.90           | -61.93       | 1.32        | -95.23      | 64.67          | -13.00      | -52.27      | V   | 2+1 |
| 1    | Part 27H | NR SA n12      | M  | 2109       | -48.45      | RMS | 27.48           | -60.15       | 0.65        | -95.23      | 78.80          | -13.00      | -35.45      | H   | 0   |
| 2    | Part 27H | NR SA n12      | M  | 2109       | -64.68      | RMS | 27.48           | -60.15       | 0.65        | -95.23      | 62.57          | -13.00      | -51.68      | H   | 1   |
| 3    | Part 27H | EN-DC B48+n12  | M  | 2110       | -56.38      | RMS | 27.50           | -60.15       | 0.92        | -95.23      | 70.58          | -13.00      | -43.38      | H   | 2+0 |
| 1    | Part 27L | NR SA n70      | M  | 5094       | -40.02      | RMS | 33.20           | -56.39       | 0.47        | -95.23      | 77.93          | -13.00      | -27.02      | V   | 2   |
| 2    | Part 27L | NR SA n70      | M  | 5094       | -59.91      | RMS | 33.20           | -56.39       | 0.47        | -95.23      | 58.04          | -13.00      | -46.91      | H   | 0   |
| 3    | Part 27L | NR SA n66      | L  | 5133       | -37.75      | RMS | 33.33           | -56.29       | 0.47        | -95.23      | 79.97          | -13.00      | -24.75      | H   | 2   |
| 4    | Part 27L | NR SA n66      | H  | 3522       | -54.25      | RMS | 29.60           | -57.91       | 0.94        | -95.23      | 68.35          | -13.00      | -41.25      | H   | 0   |
| 5    | Part 27L | EN-DC B2+n66   | M  | 6945       | -59.17      | RMS | 36.01           | -53.70       | 0.34        | -95.23      | 53.41          | -13.00      | -46.17      | H   | 1+2 |
| 1    | Part 27M | NR SA n7       | H  | 7654       | -46.55      | RMS | 36.51           | -53.41       | 0.37        | -95.23      | 65.21          | -25.00      | -21.55      | V   | 2   |
| 2    | Part 27M | NR SA n7       | H  | 7654       | -32.35      | RMS | 36.51           | -53.41       | 0.37        | -95.23      | 79.41          | -25.00      | -7.35       | H   | 0   |
| 3    | Part 27M | NR SA n41      | M  | 7752       | -45.18      | RMS | 36.81           | -53.39       | 0.40        | -95.23      | 66.23          | -25.00      | -20.18      | H   | 2   |
| 4    | Part 27M | NR SA n41      | M  | 7752       | -34.38      | RMS | 36.81           | -53.39       | 0.40        | -95.23      | 77.03          | -25.00      | -9.38       | V   | 0   |
| 5    | Part 27M | EN-DC B2+n7    | M  | 10105      | -56.82      | RMS | 38.51           | -52.64       | 0.47        | -95.23      | 52.07          | -25.00      | -31.82      | H   | 1+0 |
| 6    | Part 27M | NR SA n41 MIMO | H  | 8014       | -49.25      | RMS | 37.20           | -53.53       | 0.42        | -95.23      | 61.89          | -25.00      | -24.25      | V   | 2+1 |
| 7    | Part 27M | NR SA n41 MIMO | L  | 7491       | -43.62      | RMS | 36.62           | -53.40       | 0.34        | -95.23      | 68.05          | -25.00      | -18.62      | H   | 0+5 |



| Mode | Part     | Band           | Ch | Freq (MHz) | Level (dBm) | Det | Ant Factor (dB) | Amp\Cbl (dB) | Filter (dB) | EIRPCF (dB) | Reading (dBuV) | Limit (dBm) | Margin (dB) | Pol | Ant |
|------|----------|----------------|----|------------|-------------|-----|-----------------|--------------|-------------|-------------|----------------|-------------|-------------|-----|-----|
| 1    | Part 27Q | NR SA n77      | L  | 10354      | -40.68      | RMS | 38.71           | -52.33       | 0.25        | -95.23      | 67.92          | -13.00      | -27.68      | H   | 6   |
| 2    | Part 27Q | NR SA n77      | M  | 10474      | -45.44      | RMS | 38.65           | -52.18       | 0.25        | -95.23      | 63.07          | -13.00      | -32.44      | V   | 7   |
| 3    | Part 27Q | EN-DC B2+n77   | M  | 13965      | -53.68      | RMS | 40.63           | -48.41       | 0.46        | -95.23      | 48.87          | -13.00      | -40.68      | V   | 2+6 |
| 4    | Part 27Q | NR SA n77 MIMO | M  | 10474      | -43.74      | RMS | 38.65           | -52.18       | 0.25        | -95.23      | 64.77          | -13.00      | -30.74      | H   | 6+1 |
| 5    | Part 27Q | NR SA n77 MIMO | M  | 10474      | -39.17      | RMS | 38.65           | -52.18       | 0.25        | -95.23      | 69.34          | -13.00      | -26.17      | H   | 7+5 |
| 1    | Part 27O | NR SA n77      | M  | 11494      | -36.03      | RMS | 39.19           | -50.72       | 0.30        | -95.23      | 70.43          | -13.00      | -23.03      | V   | 6   |
| 2    | Part 27O | NR SA n77      | H  | 11883      | -42.63      | RMS | 38.83           | -50.18       | 0.31        | -95.23      | 63.64          | -13.00      | -29.63      | H   | 7   |
| 3    | Part 27O | EN-DC B2+n77   | M  | 11493      | -49.79      | RMS | 39.19           | -50.72       | 0.30        | -95.23      | 56.67          | -13.00      | -36.79      | V   | 2+6 |
| 4    | Part 27O | NR SA n77 MIMO | L  | 11104      | -51.12      | RMS | 38.90           | -51.43       | 0.28        | -95.23      | 56.36          | -13.00      | -38.12      | V   | 6+1 |
| 5    | Part 27O | NR SA n77 MIMO | H  | 11883      | -40.75      | RMS | 38.83           | -50.18       | 0.31        | -95.23      | 65.52          | -13.00      | -27.75      | V   | 7+5 |
| 1    | Part 90R | NR SA n14      | L  | 1577       | -60.99      | RMS | 25.47           | -61.14       | 0.82        | -95.23      | 69.09          | -42.15      | -18.84      | V   | 0   |
| 2    | Part 90R | NR SA n14      | M  | 1578       | -67.82      | RMS | 25.48           | -61.13       | 0.82        | -95.23      | 62.24          | -42.15      | -25.67      | V   | 0   |
| 3    | Part 90R | NR SA n14      | M  | 1582       | -66.48      | RMS | 25.52           | -61.12       | 0.81        | -95.23      | 63.54          | -42.15      | -24.33      | V   | 1   |
| 4    | Part 90R | NR SA n14      | M  | 1578       | -68.29      | RMS | 25.48           | -61.13       | 0.82        | -95.23      | 61.77          | -42.15      | -26.14      | H   | 1   |
| 1    | Part 90S | NR SA n26      | M  | 2451       | -33.75      | RMS | 27.70           | -59.80       | 0.52        | -95.23      | 93.06          | -13.00      | -20.75      | H   | 0   |
| 2    | Part 90S | NR SA n26      | L  | 3258       | -65.29      | RMS | 29.80           | -58.18       | 0.39        | -95.23      | 57.93          | -13.00      | -52.29      | V   | 1   |
| 3    | Part 90S | NR SA n26      | M  | 2445       | -48.04      | RMS | 27.70           | -59.81       | 0.52        | -95.23      | 78.78          | -13.00      | -35.04      | H   | 0   |
| 4    | Part 90S | NR SA n26      | M  | 3261       | -65.05      | RMS | 29.80           | -58.18       | 0.39        | -95.23      | 58.17          | -13.00      | -52.05      | H   | 1   |
| 5    | Part 90S | EN-DC B48+n26  | M  | 3261       | -63.30      | RMS | 29.80           | -58.18       | 0.79        | -95.23      | 59.52          | -13.00      | -50.30      | H   | 6+0 |
| 5    | Part 27D | NR SA n30      | M  | 9232       | -55.85      | RMS | 36.94           | -21.12       | 0.22        | -95.23      | 23.34          | -40.00      | -15.85      | H   | 2   |
| 6    | Part 27D | NR SA n30      | M  | 9223       | -55.68      | RMS | 36.95           | -21.12       | 0.23        | -95.23      | 23.49          | -40.00      | -15.68      | V   | 2   |
| 7    | Part 27D | NR SA n30      | H  | 9242       | -55.51      | RMS | 36.92           | -21.11       | 0.21        | -95.23      | 23.70          | -40.00      | -15.51      | V   | 0   |
| 8    | Part 27D | NR SA n30      | M  | 9223       | -55.70      | RMS | 36.95           | -21.12       | 0.23        | -95.23      | 23.47          | -40.00      | -15.70      | V   | 0   |

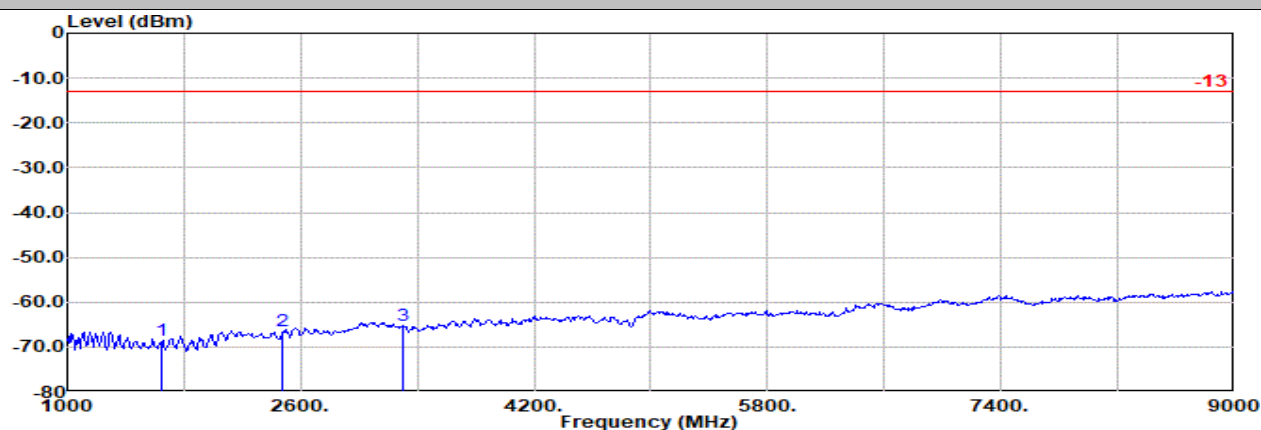


Ant. 0

Part 22H Mode 1

NR SA n26 20M Ch166800 1RB1 BPSK

L

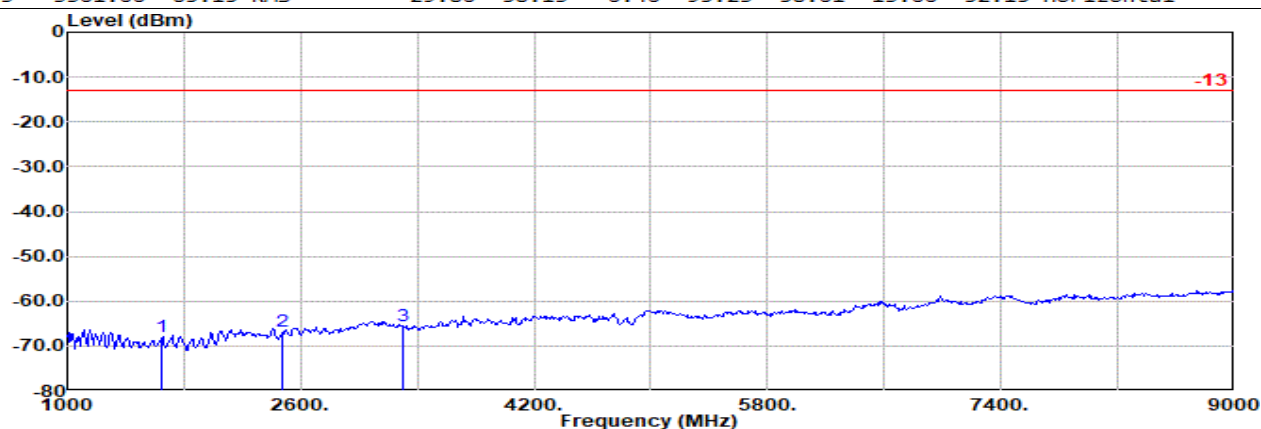


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 26 20M Ch166800 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1650.00 | -68.65 | RMS      | 25.30      | -61.00 | 0.75   | -95.23 | 61.53  | -13.00 | -55.65 | Horizontal |
| 2 | 2475.00 | -66.51 | RMS      | 27.85      | -59.77 | 0.51   | -95.23 | 60.13  | -13.00 | -53.51 | Horizontal |
| 3 | 3301.00 | -65.15 | RMS      | 29.80      | -58.13 | 0.40   | -95.23 | 58.01  | -13.00 | -52.15 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 26 20M Ch166800 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1650.00 | -68.03 | RMS      | 25.30      | -61.00 | 0.75   | -95.23 | 62.15  | -13.00 | -55.03 | Vertical |
| 2 | 2475.00 | -66.68 | RMS      | 27.85      | -59.77 | 0.51   | -95.23 | 59.96  | -13.00 | -53.68 | Vertical |
| 3 | 3301.00 | -65.43 | RMS      | 29.80      | -58.13 | 0.40   | -95.23 | 57.73  | -13.00 | -52.43 | Vertical |

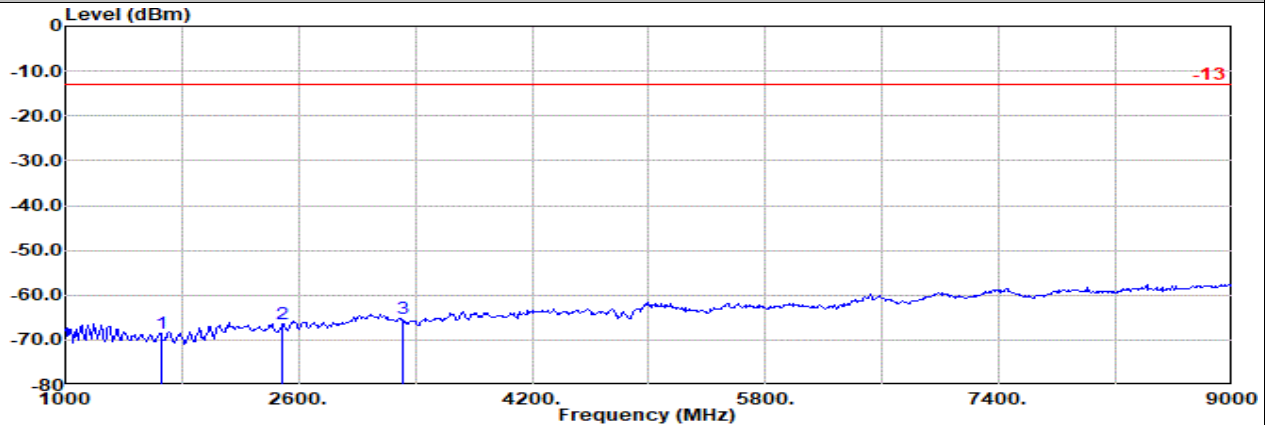


Ant. 0

Part 22H Mode 1

NR SA n26 20M Ch167300 1RB1 BPSK

M

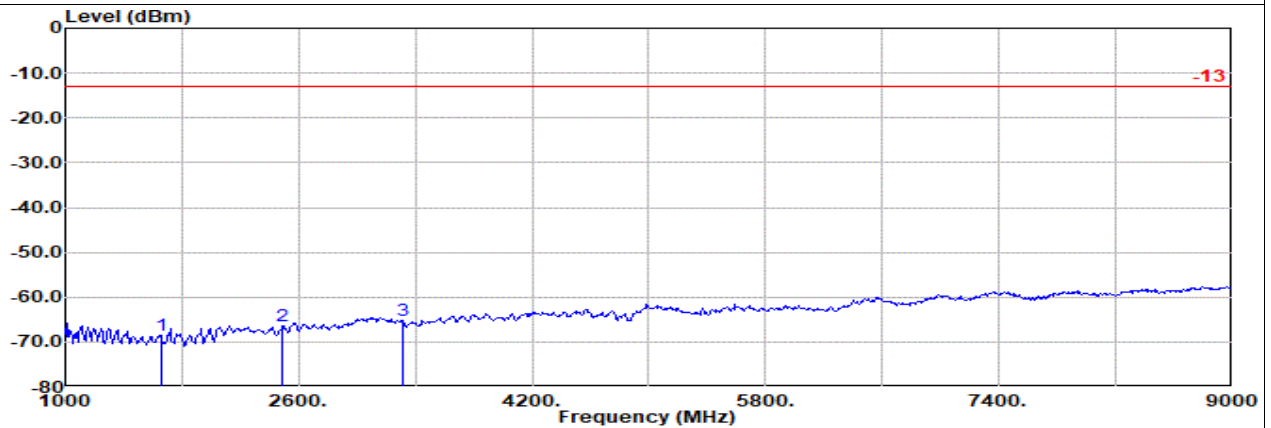


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 26 20M Ch167300 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1655.00 | -68.57 | RMS      | 25.30      | -61.00 | 0.75   | -95.23 | 61.61  | -13.00 | -55.57 | Horizontal |
| 2 | 2483.00 | -66.31 | RMS      | 27.93      | -59.76 | 0.51   | -95.23 | 60.24  | -13.00 | -53.31 | Horizontal |
| 3 | 3311.00 | -65.26 | RMS      | 29.80      | -58.11 | 0.40   | -95.23 | 57.88  | -13.00 | -52.26 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 26 20M Ch167300 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1655.00 | -68.61 | RMS      | 25.30      | -61.00 | 0.75   | -95.23 | 61.57  | -13.00 | -55.61 | Vertical |
| 2 | 2483.00 | -66.30 | RMS      | 27.93      | -59.76 | 0.51   | -95.23 | 60.25  | -13.00 | -53.30 | Vertical |
| 3 | 3311.00 | -65.15 | RMS      | 29.80      | -58.11 | 0.40   | -95.23 | 57.99  | -13.00 | -52.15 | Vertical |

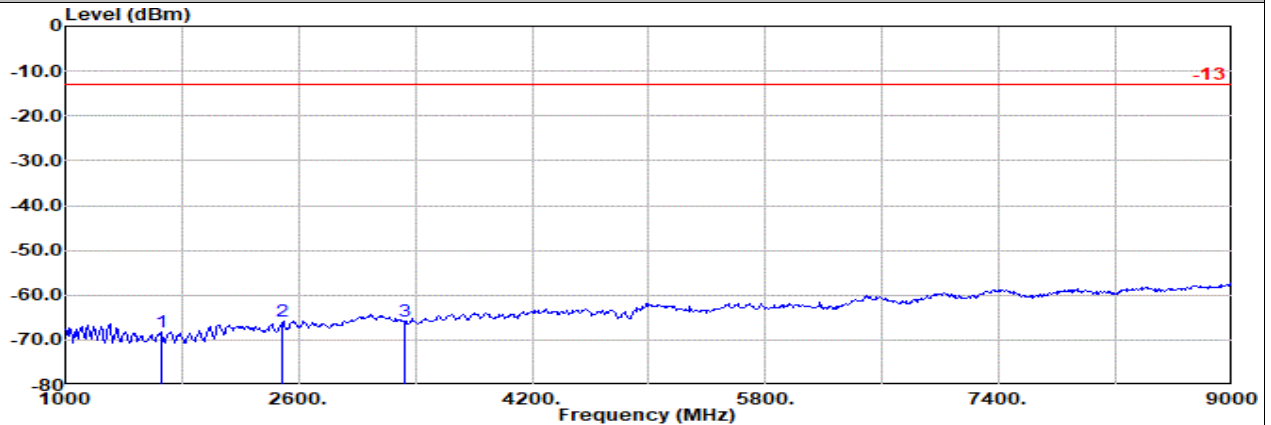


Ant. 0

## Part 22H Mode 1

NR SA n26 20M Ch167800 1RB1 BPSK

H

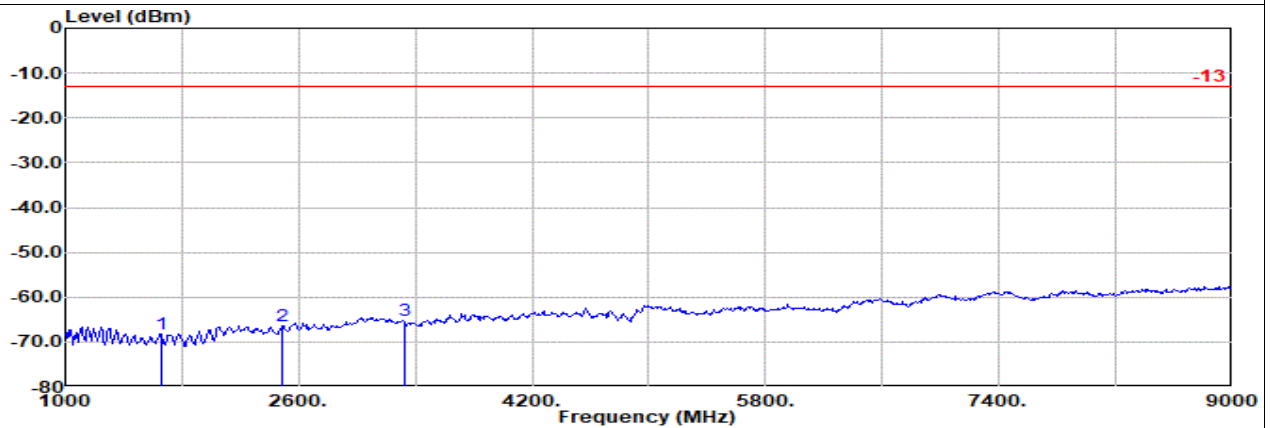


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 26 20M Ch167800 1RB1 BPSK

|   | 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 | 1660.00 | -68.16 | RMS      | 25.30             | -60.99 | 0.74   | -95.23 | 62.02 | -13.00 | -55.16 |
| 2 | 2490.00 | -65.84 | RMS      | 28.00             | -59.75 | 0.50   | -95.23 | 60.64 | -13.00 | -52.84 |
| 3 | 3321.00 | -65.79 | RMS      | 29.80             | -58.10 | 0.40   | -95.23 | 57.34 | -13.00 | -52.79 |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 26 20M Ch167800 1RB1 BPSK

|   | 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 | 1660.00 | -68.27 | RMS      | 25.30             | -60.99 | 0.74   | -95.23 | 61.91 | -13.00 | -55.27 |
| 2 | 2490.00 | -66.41 | RMS      | 28.00             | -59.75 | 0.50   | -95.23 | 60.07 | -13.00 | -53.41 |
| 3 | 3321.00 | -65.30 | RMS      | 29.80             | -58.10 | 0.40   | -95.23 | 57.83 | -13.00 | -52.30 |

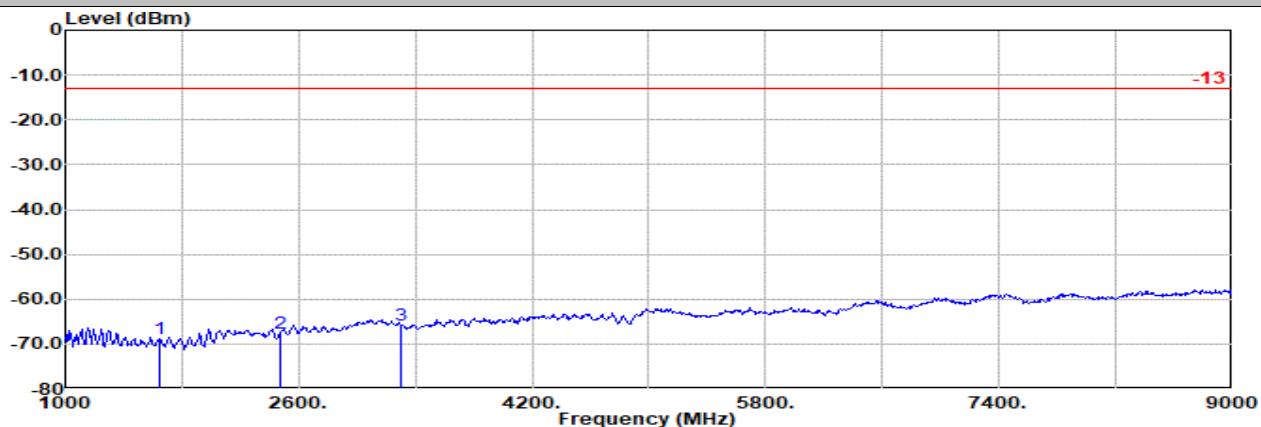


## Ant. 1

## Part 22H Mode 2

NR SA n26 20M Ch166800 1RB1 BPSK

L

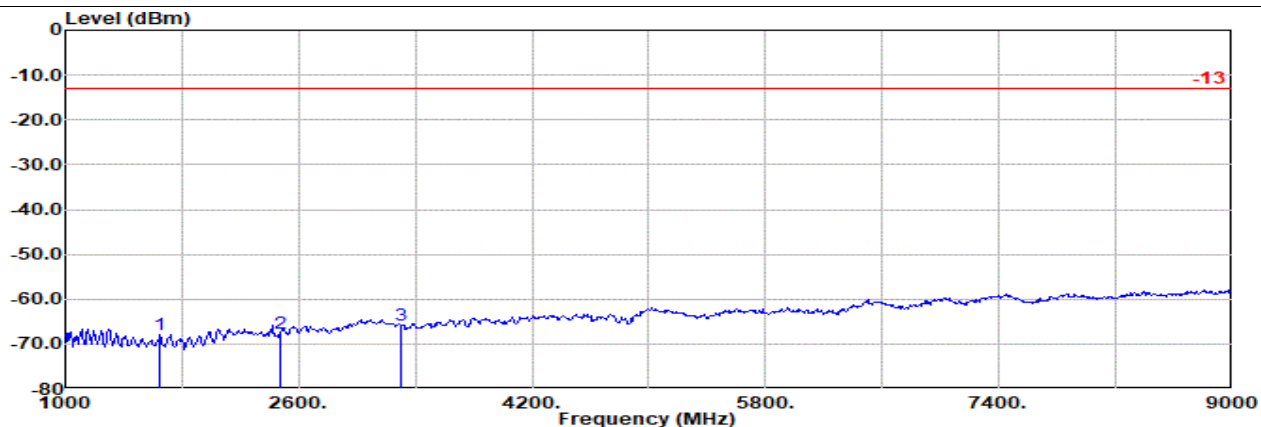


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 26 20M Ch166800 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1650.00 | -68.97 | RMS      | 25.30      | -61.00 | 0.75   | -95.23 | 61.21  | -13.00 | -55.97 | Horizontal |
| 2 | 2475.00 | -67.67 | RMS      | 27.85      | -59.77 | 0.51   | -95.23 | 58.97  | -13.00 | -54.67 | Horizontal |
| 3 | 3301.00 | -65.79 | RMS      | 29.80      | -58.13 | 0.40   | -95.23 | 57.37  | -13.00 | -52.79 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 26 20M Ch166800 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1650.00 | -68.04 | RMS      | 25.30      | -61.00 | 0.75   | -95.23 | 62.14  | -13.00 | -55.04 | Vertical |
| 2 | 2475.00 | -67.53 | RMS      | 27.85      | -59.77 | 0.51   | -95.23 | 59.11  | -13.00 | -54.53 | Vertical |
| 3 | 3301.00 | -65.68 | RMS      | 29.80      | -58.13 | 0.40   | -95.23 | 57.48  | -13.00 | -52.68 | Vertical |

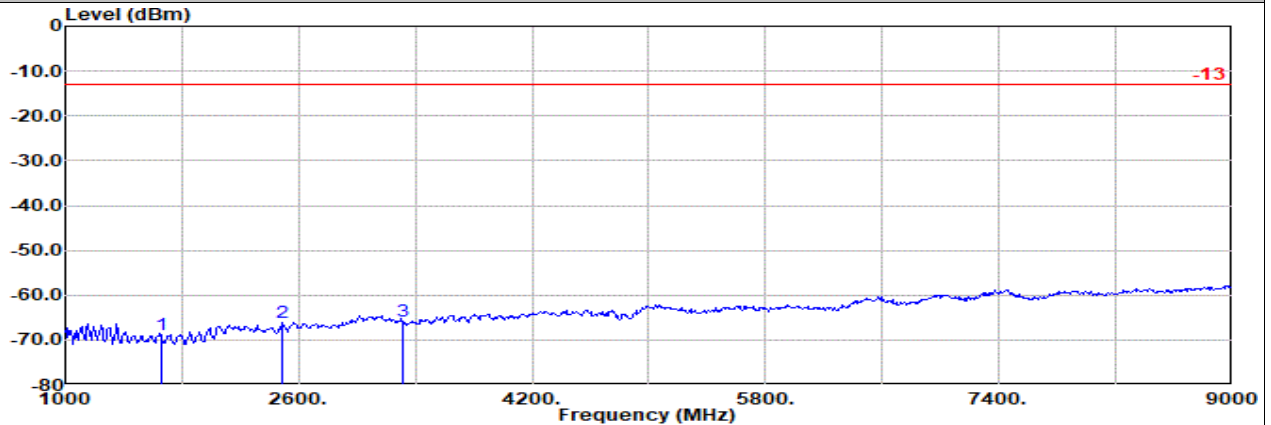


## Ant. 1

## Part 22H Mode 2

NR SA n26 20M Ch167300 1RB1 BPSK

M

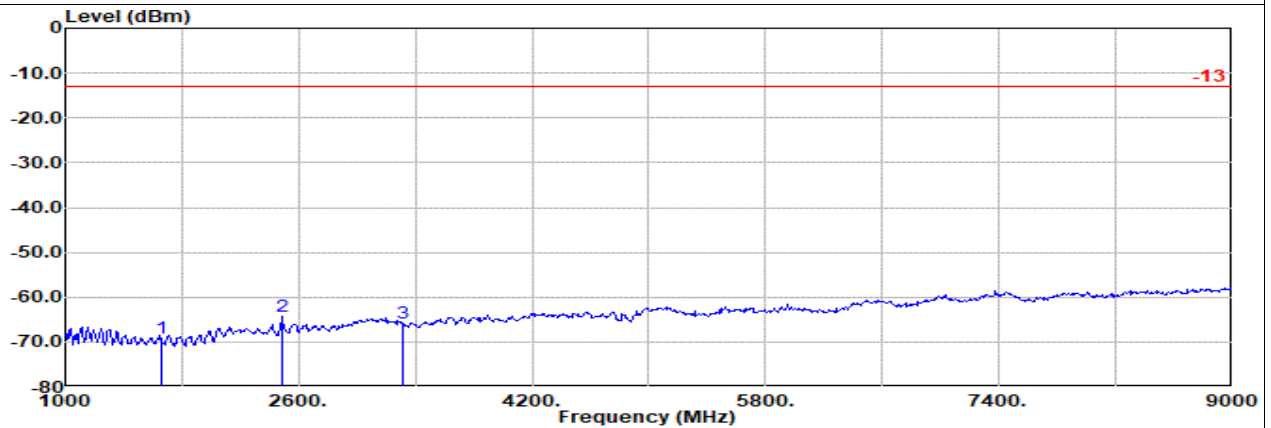


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 26 20M Ch167300 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1655.00 | -68.92 | RMS      | 25.30      | -61.00 | 0.75   | -95.23 | 61.26  | -13.00 | -55.92 | Horizontal |
| 2 | 2483.00 | -65.98 | RMS      | 27.93      | -59.76 | 0.51   | -95.23 | 60.57  | -13.00 | -52.98 | Horizontal |
| 3 | 3311.00 | -65.78 | RMS      | 29.80      | -58.11 | 0.40   | -95.23 | 57.36  | -13.00 | -52.78 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 26 20M Ch167300 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1655.00 | -69.18 | RMS      | 25.30      | -61.00 | 0.75   | -95.23 | 61.00  | -13.00 | -56.18 | Vertical |
| 2 | 2483.00 | -64.20 | RMS      | 27.93      | -59.76 | 0.51   | -95.23 | 62.35  | -13.00 | -51.20 | Vertical |
| 3 | 3311.00 | -65.89 | RMS      | 29.80      | -58.11 | 0.40   | -95.23 | 57.25  | -13.00 | -52.89 | Vertical |

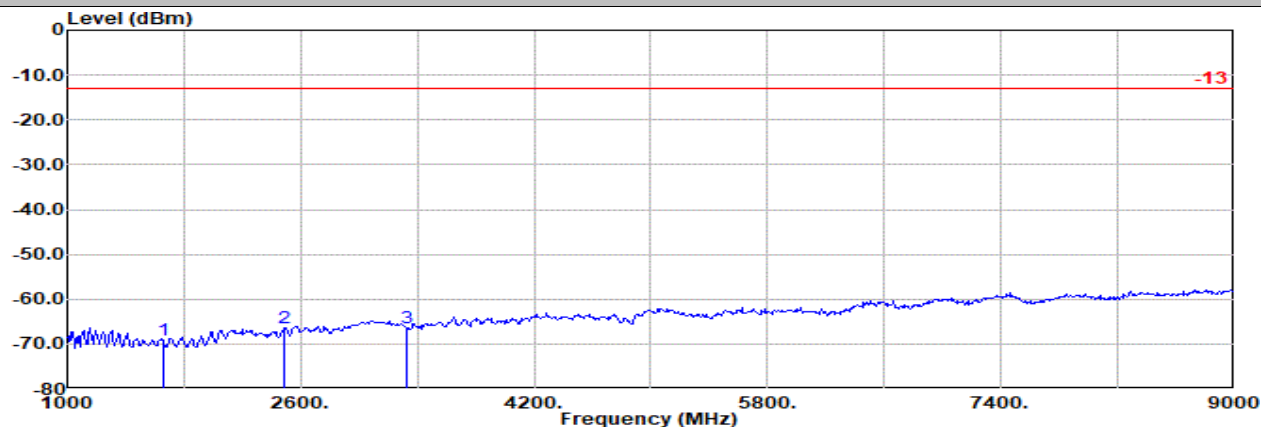


## Ant. 1

## Part 22H Mode 2

NR SA n26 20M Ch167800 1RB1 BPSK

H

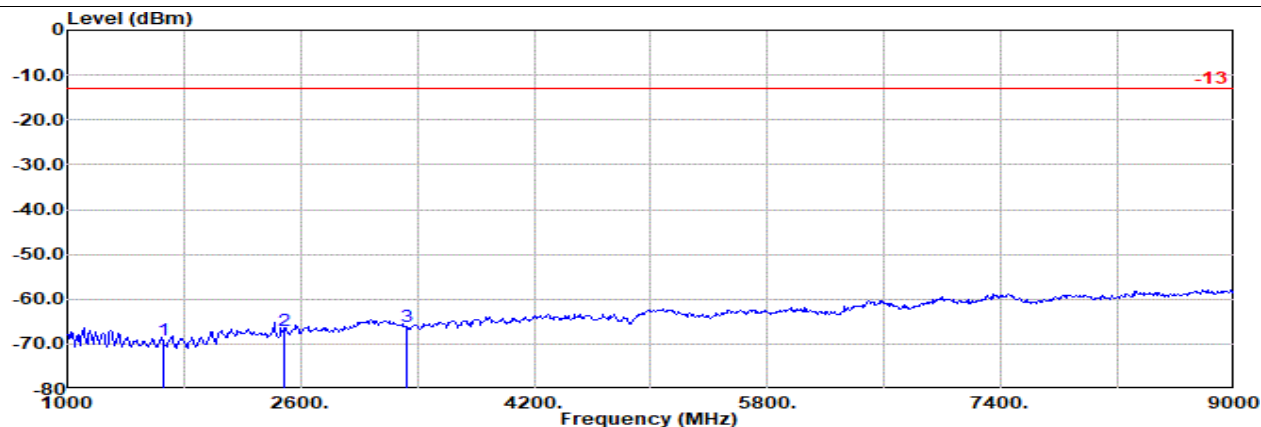


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 26 20M Ch167800 1RB1 BPSK

|   | 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 | 1660.00 | -69.16 | RMS      | 25.30             | -60.99 | 0.74   | -95.23 | 61.02 | -13.00 | -56.16 |
| 2 | 2490.00 | -66.56 | RMS      | 28.00             | -59.75 | 0.50   | -95.23 | 59.92 | -13.00 | -53.56 |
| 3 | 3321.00 | -66.35 | RMS      | 29.80             | -58.10 | 0.40   | -95.23 | 56.78 | -13.00 | -53.35 |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 26 20M Ch167800 1RB1 BPSK

|   | 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 | 1660.00 | -69.21 | RMS      | 25.30             | -60.99 | 0.74   | -95.23 | 60.97 | -13.00 | -56.21 |
| 2 | 2490.00 | -66.99 | RMS      | 28.00             | -59.75 | 0.50   | -95.23 | 59.49 | -13.00 | -53.99 |
| 3 | 3321.00 | -66.14 | RMS      | 29.80             | -58.10 | 0.40   | -95.23 | 56.99 | -13.00 | -53.14 |

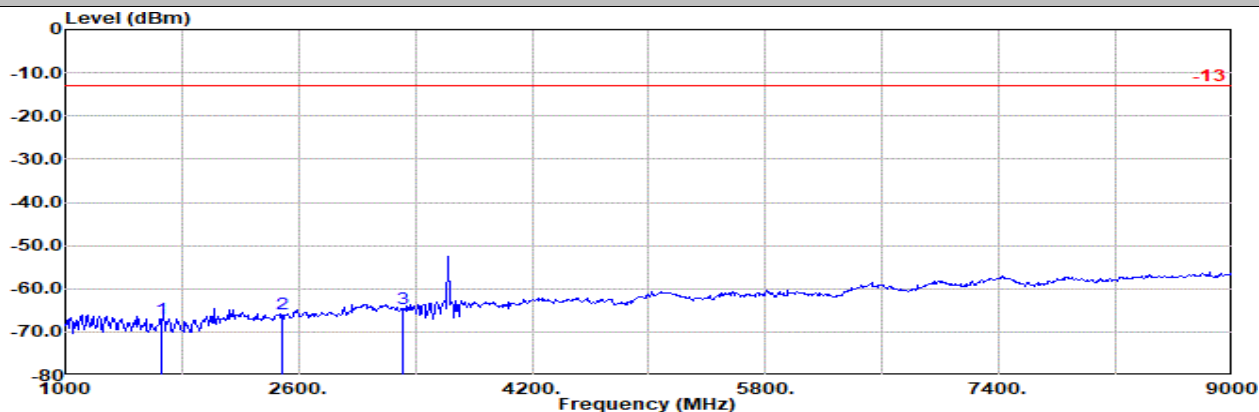


Ant. 7+1

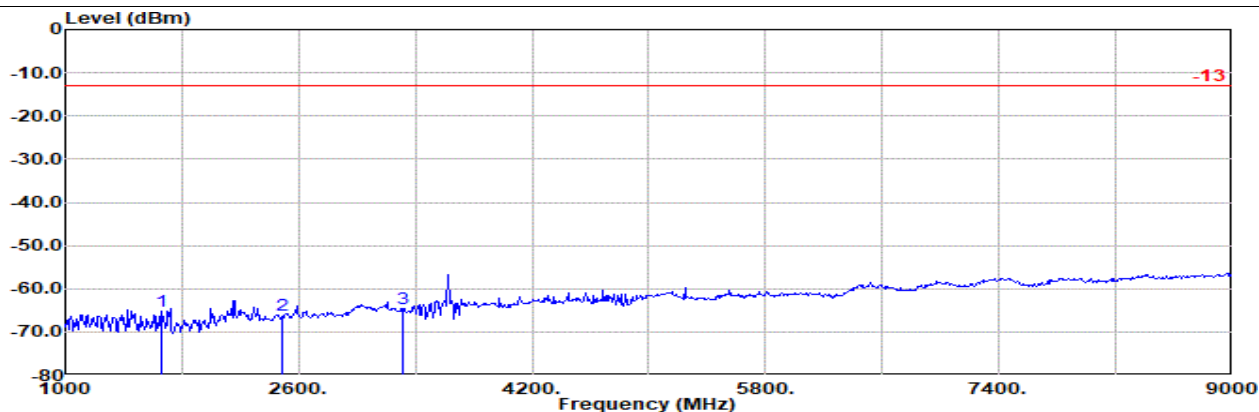
## Part 22H Mode 3

EN-DC B48+n26 10M + 20M Ch55990 1RB0 QPSK + Ch167300 1RB1 BPSK

M



|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1655.00 | -66.88 | RMS      | 25.30      | -61.00 | 0.97   | -95.23 | 63.08  | -13.00 | -53.88 | Horizontal |
| 2 | 2483.00 | -65.68 | RMS      | 27.93      | -59.76 | 0.84   | -95.23 | 60.54  | -13.00 | -52.68 | Horizontal |
| 3 | 3311.00 | -64.49 | RMS      | 29.80      | -58.11 | 0.82   | -95.23 | 58.23  | -13.00 | -51.49 | Horizontal |



|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1655.00 | -65.26 | RMS      | 25.30      | -61.00 | 0.97   | -95.23 | 64.70  | -13.00 | -52.26 | Vertical |
| 2 | 2483.00 | -66.01 | RMS      | 27.93      | -59.76 | 0.84   | -95.23 | 60.21  | -13.00 | -53.01 | Vertical |
| 3 | 3311.00 | -64.68 | RMS      | 29.80      | -58.11 | 0.82   | -95.23 | 58.04  | -13.00 | -51.68 | Vertical |

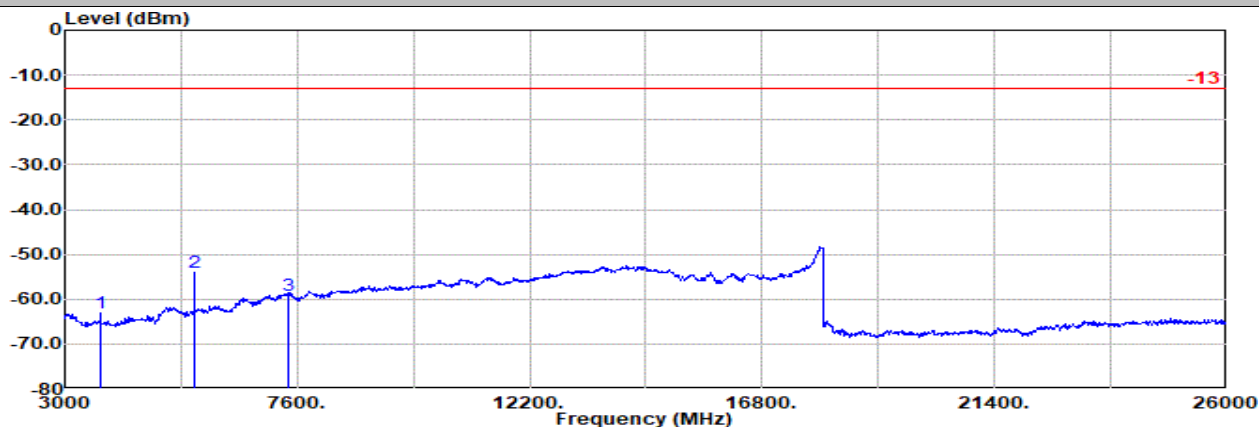


## Ant. 2

## Part 24E Mode 1

NR SA n25 20M Ch372000 1RB1 BPSK

L

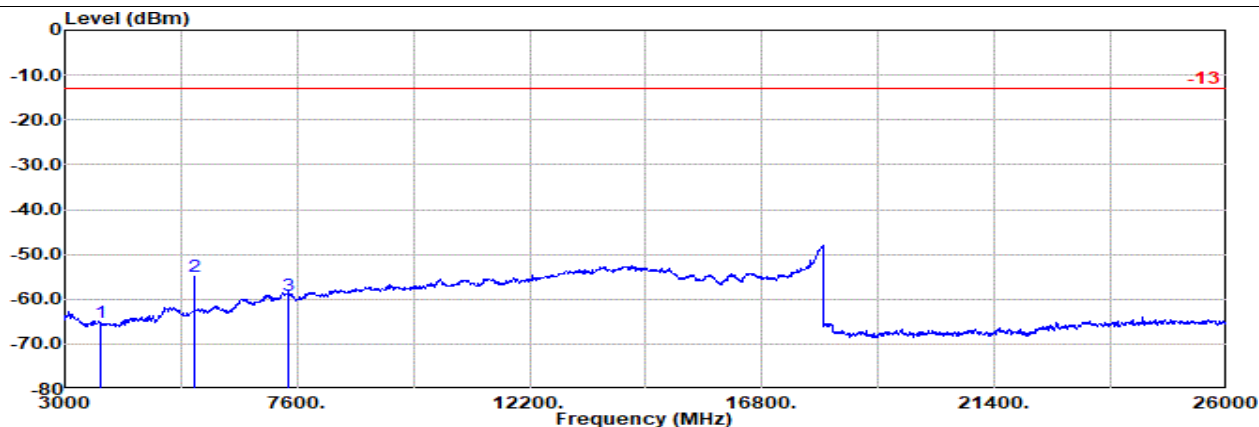


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

NR SA n25 20M Ch372000 1RB1 BPSK

|   | 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 | 3702.00 | -63.06 | RMS      | 29.91             | -57.83 | 0.76   | -95.23 | 59.33  | -13.00 | -50.06 | Horizontal |
| 2 | 5553.00 | -53.98 | RMS      | 33.10             | -55.24 | 0.40   | -95.23 | 62.99  | -13.00 | -40.98 | Horizontal |
| 3 | 7405.00 | -59.15 | RMS      | 36.61             | -53.42 | 0.33   | -95.23 | 52.56  | -13.00 | -46.15 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

NR SA n25 20M Ch372000 1RB1 BPSK

|   | 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 | 3702.00 | -65.29 | RMS      | 29.91             | -57.83 | 0.76   | -95.23 | 57.10  | -13.00 | -52.29 | Vertical |
| 2 | 5553.00 | -55.08 | RMS      | 33.10             | -55.24 | 0.40   | -95.23 | 61.89  | -13.00 | -42.08 | Vertical |
| 3 | 7405.00 | -59.07 | RMS      | 36.61             | -53.42 | 0.33   | -95.23 | 52.64  | -13.00 | -46.07 | Vertical |

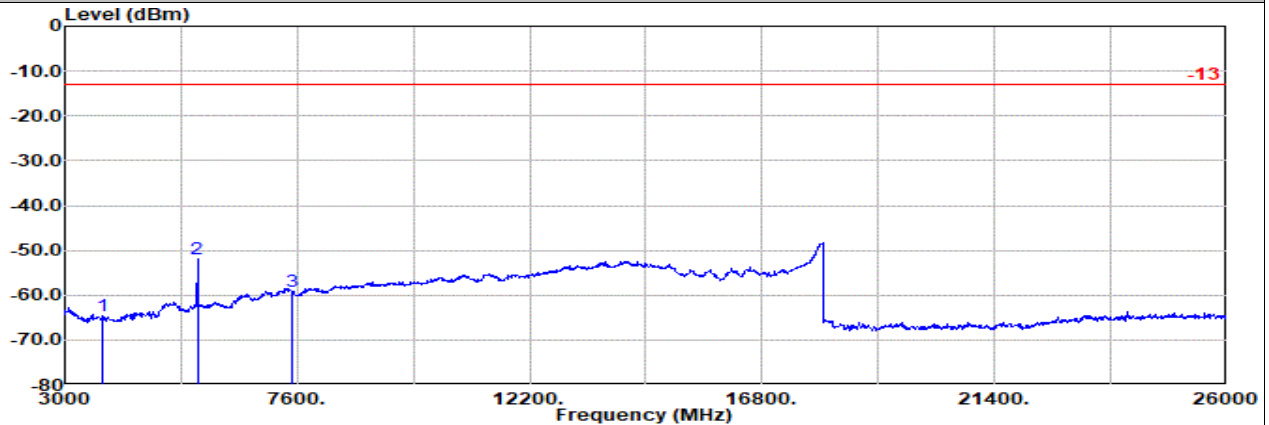


## Ant. 2

## Part 24E Mode 1

NR SA n25 20M Ch376500 1RB1 BPSK

M

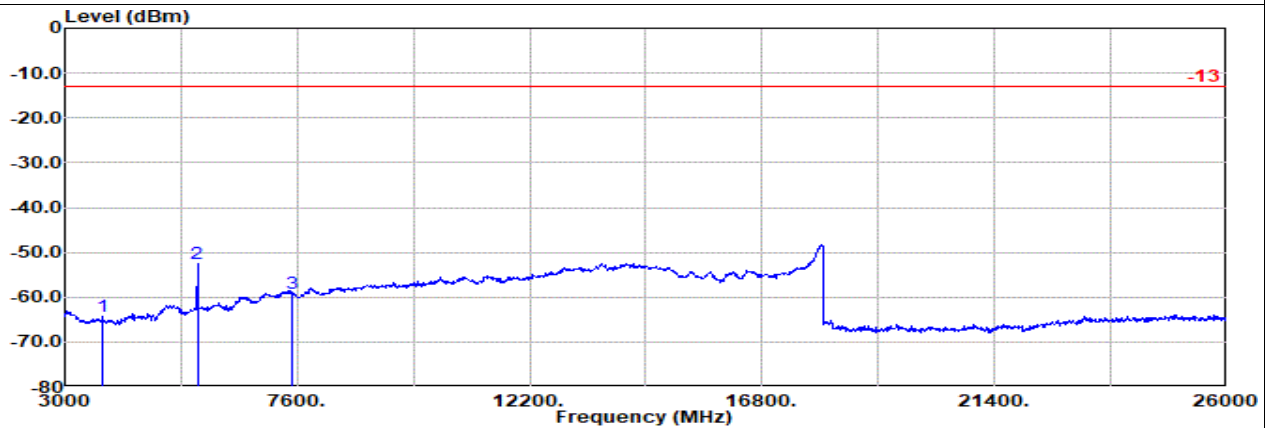


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

NR SA n25 20M Ch376500 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|------------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |            |
|   |             |              |          |                   |        |        |        |             |        |        |            |
| 1 | 3747.00     | -64.58       | RMS      | 30.09             | -57.81 | 0.71   | -95.23 | 57.66       | -13.00 | -51.58 | Horizontal |
| 2 | 5621.00     | -51.86       | RMS      | 33.14             | -55.08 | 0.39   | -95.23 | 64.92       | -13.00 | -38.86 | Horizontal |
| 3 | 7495.00     | -59.08       | RMS      | 36.61             | -53.40 | 0.34   | -95.23 | 52.60       | -13.00 | -46.08 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

NR SA n25 20M Ch376500 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|----------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |          |
|   |             |              |          |                   |        |        |        |             |        |        |          |
| 1 | 3747.00     | -64.29       | RMS      | 30.09             | -57.81 | 0.71   | -95.23 | 57.95       | -13.00 | -51.29 | Vertical |
| 2 | 5621.00     | -52.57       | RMS      | 33.14             | -55.08 | 0.39   | -95.23 | 64.21       | -13.00 | -39.57 | Vertical |
| 3 | 7495.00     | -59.26       | RMS      | 36.61             | -53.40 | 0.34   | -95.23 | 52.42       | -13.00 | -46.26 | Vertical |

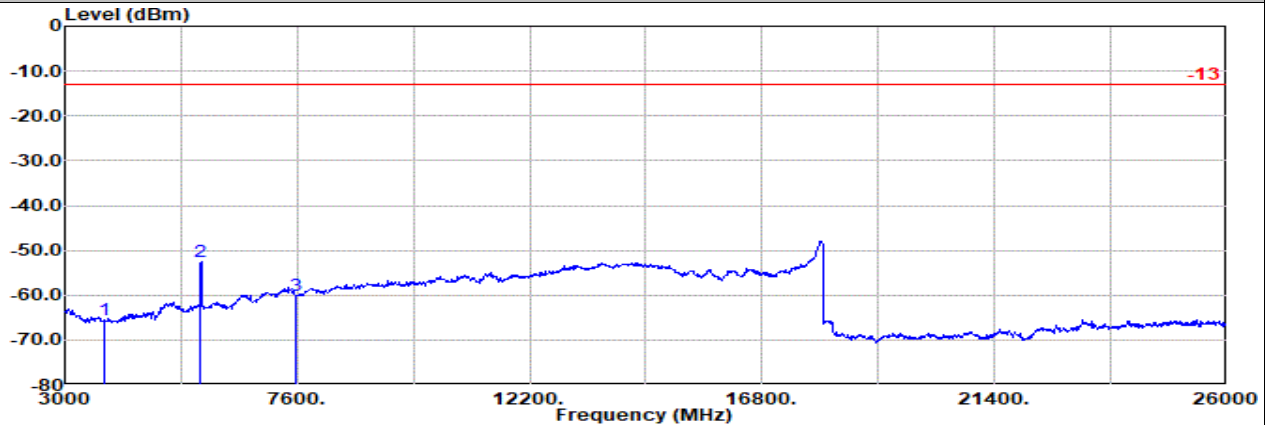


## Ant. 2

## Part 24E Mode 1

NR SA n25 20M Ch381000 1RB1 BPSK

H

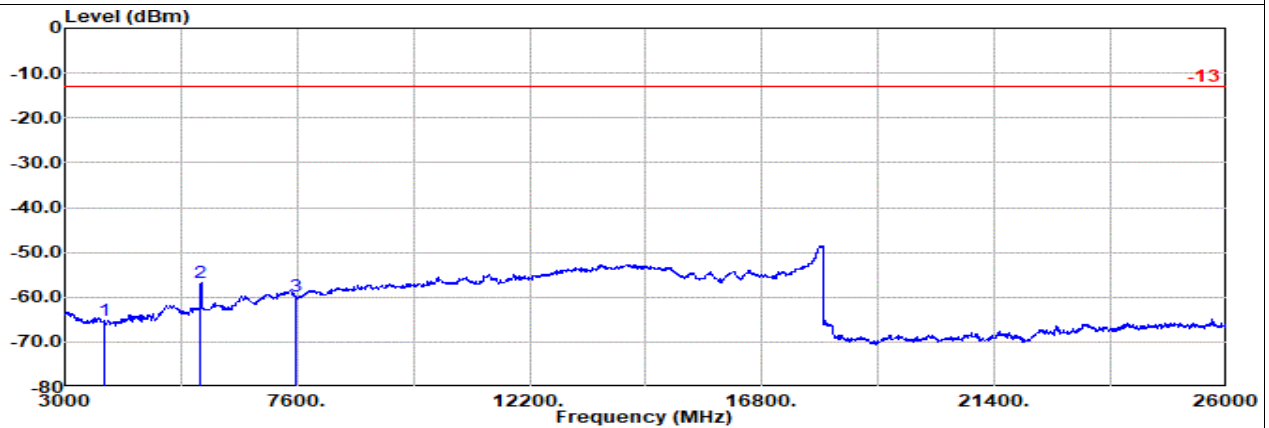


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

NR SA n25 20M Ch381000 1RB1 BPSK

|   | 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 | 3792.00 | -65.49 | RMS      | 30.44             | -57.78 | 0.67   | -95.23 | 56.41  | -13.00 | -52.49 | Horizontal |
| 2 | 5688.00 | -52.51 | RMS      | 33.50             | -54.95 | 0.39   | -95.23 | 63.78  | -13.00 | -39.51 | Horizontal |
| 3 | 7585.00 | -60.09 | RMS      | 36.37             | -53.42 | 0.36   | -95.23 | 51.83  | -13.00 | -47.09 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

NR SA n25 20M Ch381000 1RB1 BPSK

|   | 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 | 3792.00 | -65.06 | RMS      | 30.44             | -57.78 | 0.67   | -95.23 | 56.84  | -13.00 | -52.06 | Vertical |
| 2 | 5688.00 | -56.90 | RMS      | 33.50             | -54.95 | 0.39   | -95.23 | 59.39  | -13.00 | -43.90 | Vertical |
| 3 | 7585.00 | -59.79 | RMS      | 36.37             | -53.42 | 0.36   | -95.23 | 52.13  | -13.00 | -46.79 | Vertical |

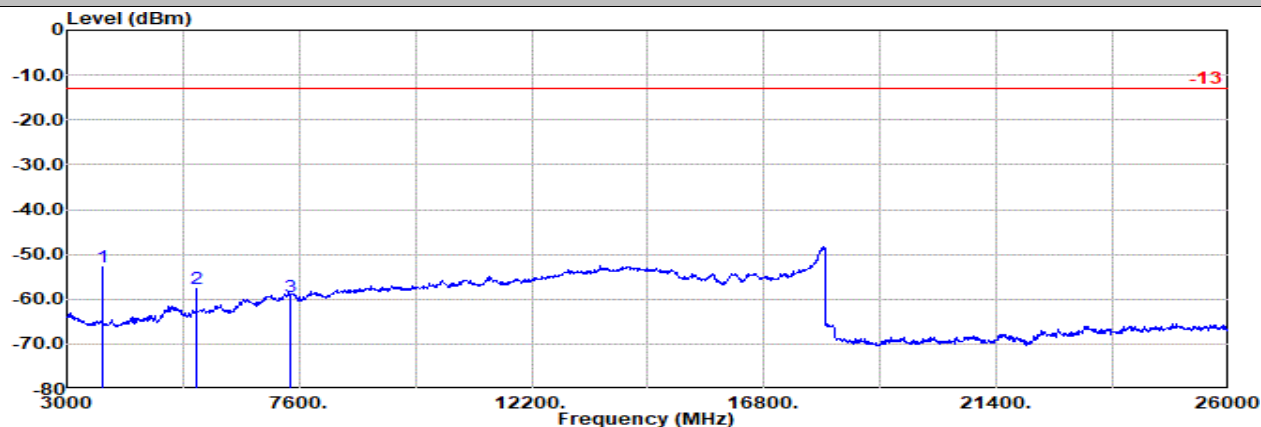


Ant. 0

## Part 24E Mode 2

NR SA n25 20M Ch372000 1RB1 BPSK

L

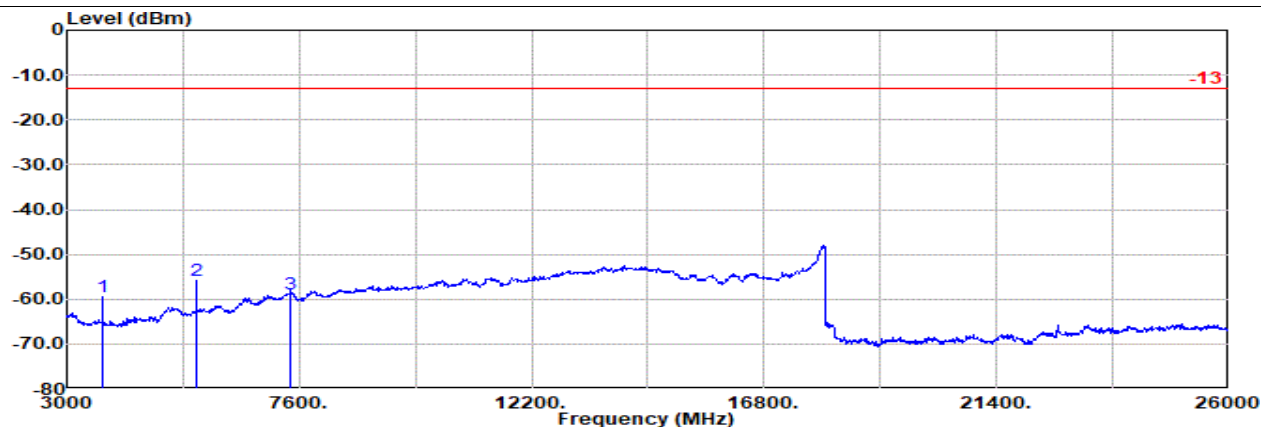


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR SA n25 20M Ch372000 1RB1 BPSK

|   | 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 | 3702.00 | -52.72 | RMS      | 29.91             | -57.83 | 0.76   | -95.23 | 69.67  | -13.00 | -39.72 | Horizontal |
| 2 | 5553.00 | -57.74 | RMS      | 33.10             | -55.24 | 0.40   | -95.23 | 59.23  | -13.00 | -44.74 | Horizontal |
| 3 | 7405.00 | -59.34 | RMS      | 36.61             | -53.42 | 0.33   | -95.23 | 52.37  | -13.00 | -46.34 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR SA n25 20M Ch372000 1RB1 BPSK

|   | 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 | 3702.00 | -59.52 | RMS      | 29.91             | -57.83 | 0.76   | -95.23 | 62.87  | -13.00 | -46.52 | Vertical |
| 2 | 5553.00 | -55.97 | RMS      | 33.10             | -55.24 | 0.40   | -95.23 | 61.00  | -13.00 | -42.97 | Vertical |
| 3 | 7405.00 | -59.01 | RMS      | 36.61             | -53.42 | 0.33   | -95.23 | 52.70  | -13.00 | -46.01 | Vertical |

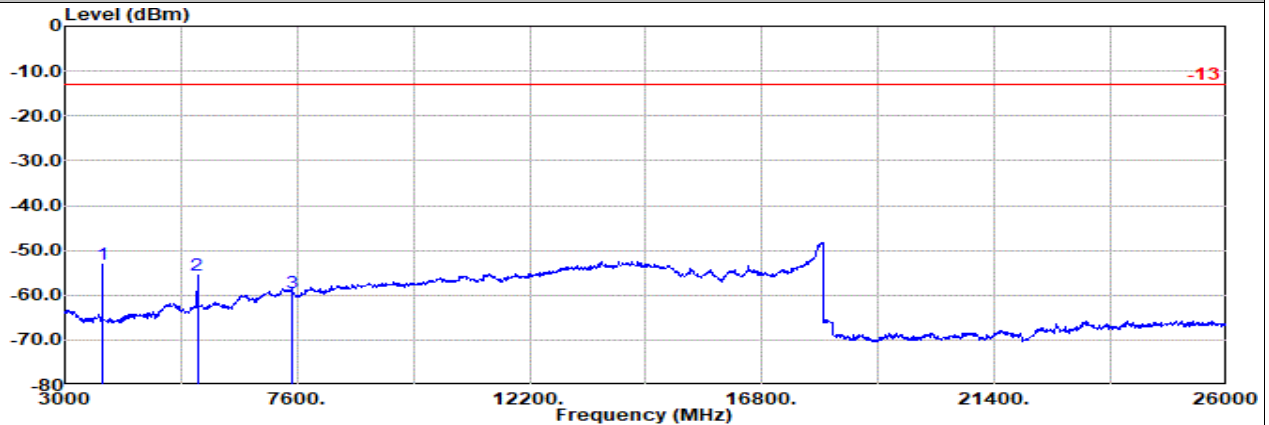


Ant. 0

## Part 24E Mode 2

NR SA n25 20M Ch376500 1RB1 BPSK

M

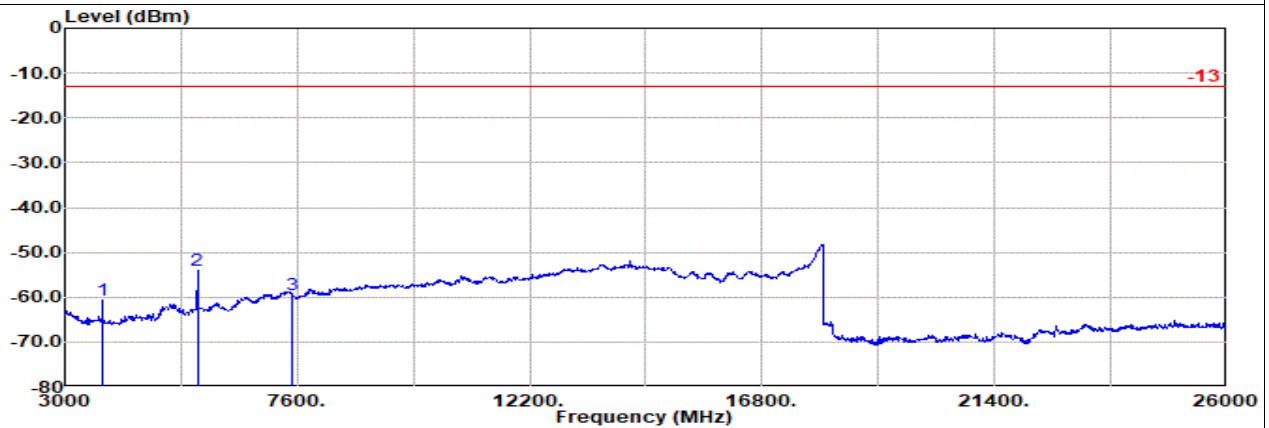


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR SA n25 20M Ch376500 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|------------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |            |
|   |             |              |          |                   |        |        |        |             |        |        |            |
| 1 | 3747.00     | -53.05       | RMS      | 30.09             | -57.81 | 0.71   | -95.23 | 69.19       | -13.00 | -40.05 | Horizontal |
| 2 | 5621.00     | -55.60       | RMS      | 33.14             | -55.08 | 0.39   | -95.23 | 61.18       | -13.00 | -42.60 | Horizontal |
| 3 | 7495.00     | -59.46       | RMS      | 36.61             | -53.40 | 0.34   | -95.23 | 52.22       | -13.00 | -46.46 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR SA n25 20M Ch376500 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|----------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |          |
|   |             |              |          |                   |        |        |        |             |        |        |          |
| 1 | 3747.00     | -60.54       | RMS      | 30.09             | -57.81 | 0.71   | -95.23 | 61.70       | -13.00 | -47.54 | Vertical |
| 2 | 5621.00     | -54.13       | RMS      | 33.14             | -55.08 | 0.39   | -95.23 | 62.65       | -13.00 | -41.13 | Vertical |
| 3 | 7495.00     | -59.40       | RMS      | 36.61             | -53.40 | 0.34   | -95.23 | 52.28       | -13.00 | -46.40 | Vertical |

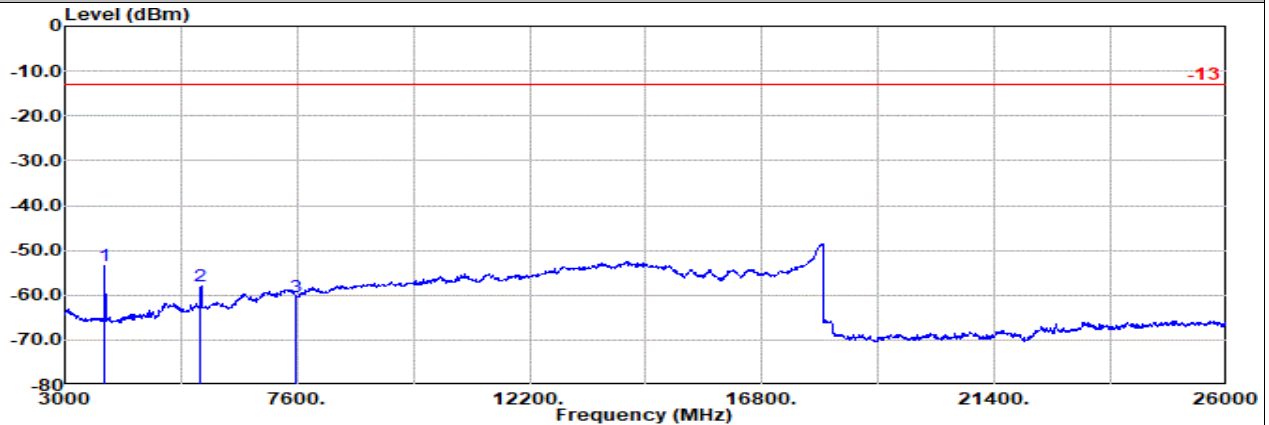


Ant. 0

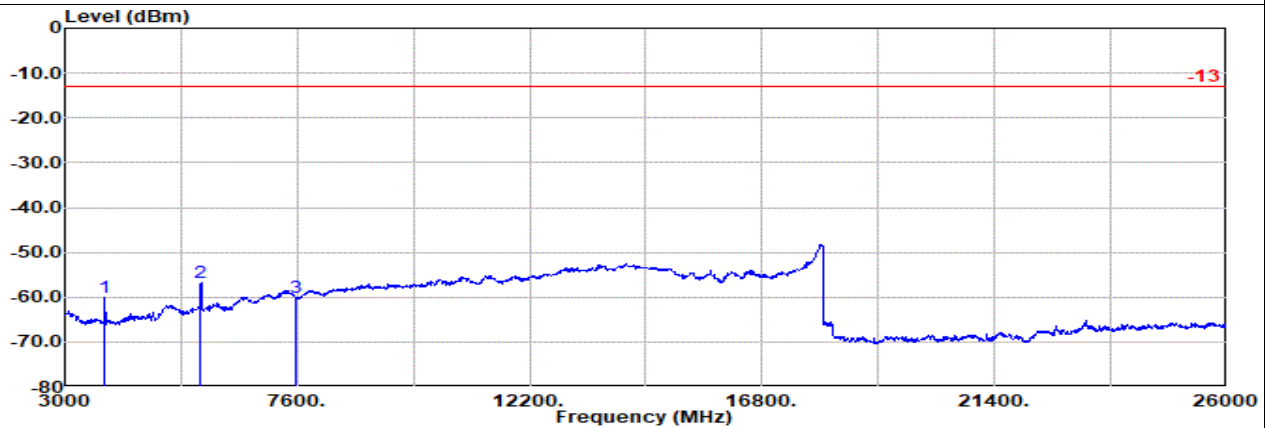
## Part 24E Mode 2

NR SA n25 20M Ch381000 1RB1 BPSK

H



|   | 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 | 3792.00 | -53.48 | RMS      | 30.44             | -57.78 | 0.67   | -95.23 | 68.42  | -13.00 | -40.48 | Horizontal |
| 2 | 5688.00 | -58.09 | RMS      | 33.50             | -54.95 | 0.39   | -95.23 | 58.20  | -13.00 | -45.09 | Horizontal |
| 3 | 7585.00 | -60.26 | RMS      | 36.37             | -53.42 | 0.36   | -95.23 | 51.66  | -13.00 | -47.26 | Horizontal |



|   | 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 | 3792.00 | -60.05 | RMS      | 30.44             | -57.78 | 0.67   | -95.23 | 61.85  | -13.00 | -47.05 | Vertical |
| 2 | 5688.00 | -56.76 | RMS      | 33.50             | -54.95 | 0.39   | -95.23 | 59.53  | -13.00 | -43.76 | Vertical |
| 3 | 7585.00 | -60.00 | RMS      | 36.37             | -53.42 | 0.36   | -95.23 | 51.92  | -13.00 | -47.00 | Vertical |

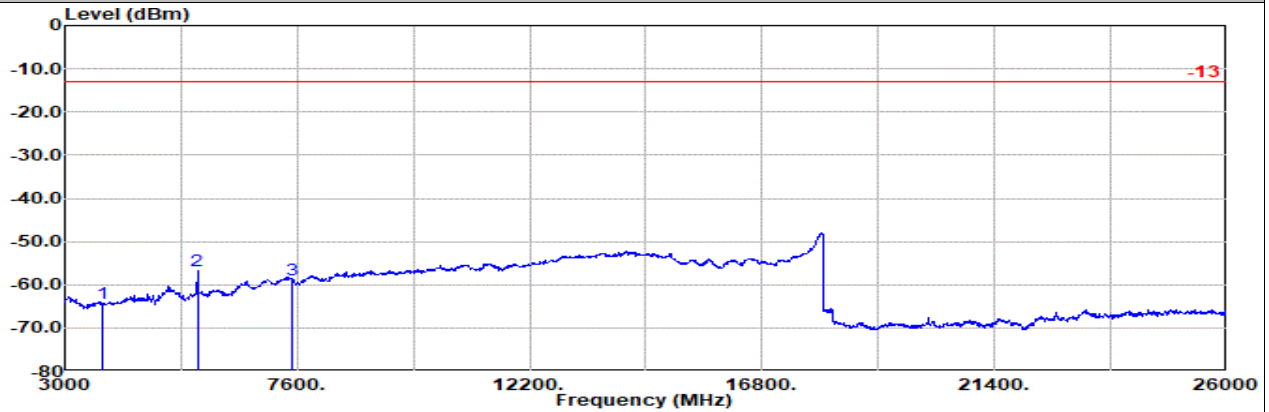


MIMO &lt;Ant. 1+2&gt;

## Part 24E Mode 3

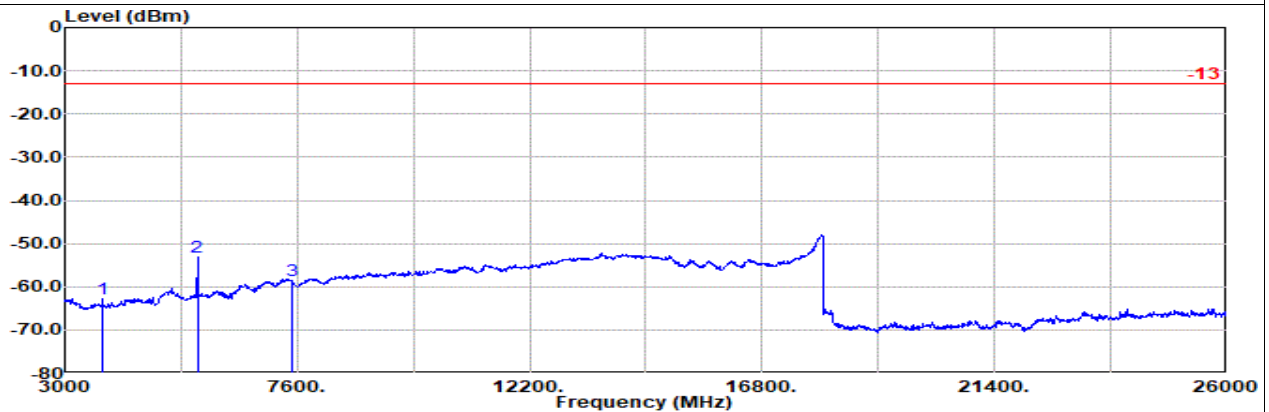
EN-DC B2+n25 10M + 20M Ch18900 1RB0 QPSK + Ch376500 1RB1 BPSK

M



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: LTE Band 2 10M Ch18900 1RB0 QPSK  
: SA n25 20M Ch376500 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |       |        |      | Readin | Limit | Margin | Pol               |
|---|---------|--------|----------|-------------------|-------|--------|------|--------|-------|--------|-------------------|
|   |         |        |          | Factor            | 1     | EIRPCF |      |        |       |        |                   |
|   | MHz     | dBm    |          |                   | dB/m  | dB     | dB   | dBuV   | dBm   | dB     |                   |
| 1 | 3747.00 | -64.23 | RMS      |                   | 30.09 | -57.81 | 0.71 | -95.23 | 58.01 | -13.00 | -51.23 Horizontal |
| 2 | 5621.00 | -56.84 | RMS      |                   | 33.14 | -55.08 | 0.39 | -95.23 | 59.94 | -13.00 | -43.84 Horizontal |
| 3 | 7495.00 | -58.90 | RMS      |                   | 36.61 | -53.40 | 0.34 | -95.23 | 52.78 | -13.00 | -45.90 Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: LTE Band 2 10M Ch18900 1RB0 QPSK  
: SA n25 20M Ch376500 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |       |        |      | Readin | Limit | Margin | Pol             |
|---|---------|--------|----------|-------------------|-------|--------|------|--------|-------|--------|-----------------|
|   |         |        |          | Factor            | 1     | EIRPCF |      |        |       |        |                 |
|   | MHz     | dBm    |          |                   | dB/m  | dB     | dB   | dBuV   | dBm   | dB     |                 |
| 1 | 3747.00 | -62.80 | RMS      |                   | 30.09 | -57.81 | 0.71 | -95.23 | 59.44 | -13.00 | -49.80 Vertical |
| 2 | 5621.00 | -53.12 | RMS      |                   | 33.14 | -55.08 | 0.39 | -95.23 | 63.66 | -13.00 | -40.12 Vertical |
| 3 | 7495.00 | -58.43 | RMS      |                   | 36.61 | -53.40 | 0.34 | -95.23 | 53.25 | -13.00 | -45.43 Vertical |

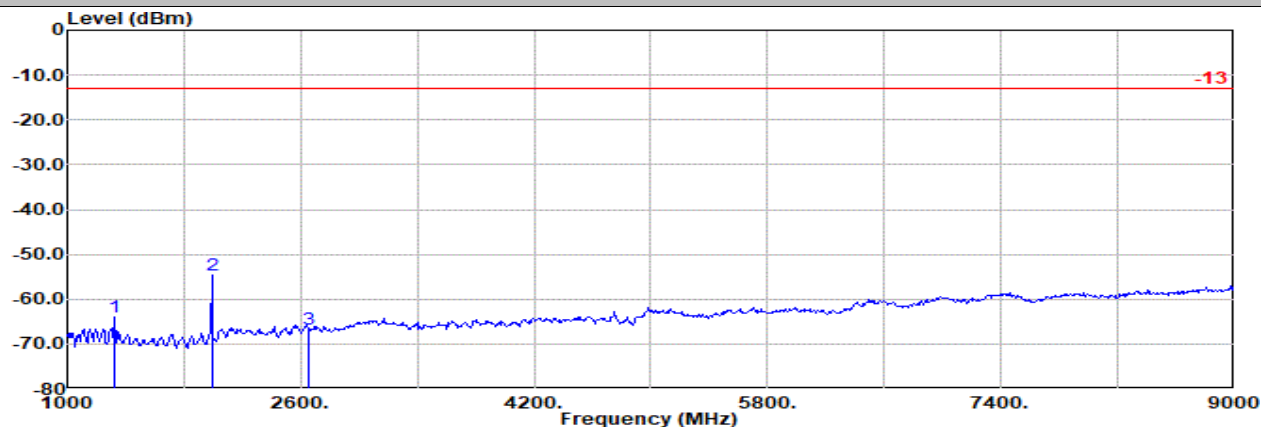


Ant. 0

Part 27N Mode 1

NR SA n71 20M Ch134600 1RB1 BPSK

L

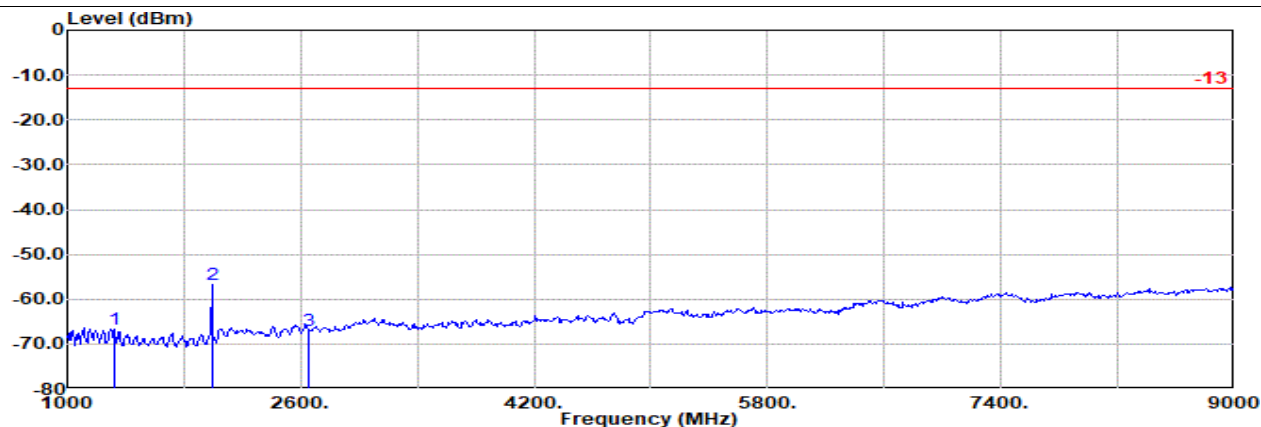


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

NR SA n71 20M Ch134600 1RB1 BPSK

|   | 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 | 1328.00 | -64.07 | RMS      | 25.94             | -61.97 | 1.12   | -95.23 | 66.07 | -13.00 | -51.07 |
| 2 | 1992.00 | -54.65 | RMS      | 26.88             | -60.19 | 0.63   | -95.23 | 73.26 | -13.00 | -41.65 |
| 3 | 2657.00 | -66.76 | RMS      | 28.30             | -59.34 | 0.45   | -95.23 | 59.06 | -13.00 | -53.76 |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

NR SA n71 20M Ch134600 1RB1 BPSK

|   | 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 | 1328.00 | -66.80 | RMS      | 25.94             | -61.97 | 1.12   | -95.23 | 63.34 | -13.00 | -53.80 |
| 2 | 1992.00 | -56.86 | RMS      | 26.88             | -60.19 | 0.63   | -95.23 | 71.05 | -13.00 | -43.86 |
| 3 | 2657.00 | -67.14 | RMS      | 28.30             | -59.34 | 0.45   | -95.23 | 58.68 | -13.00 | -54.14 |

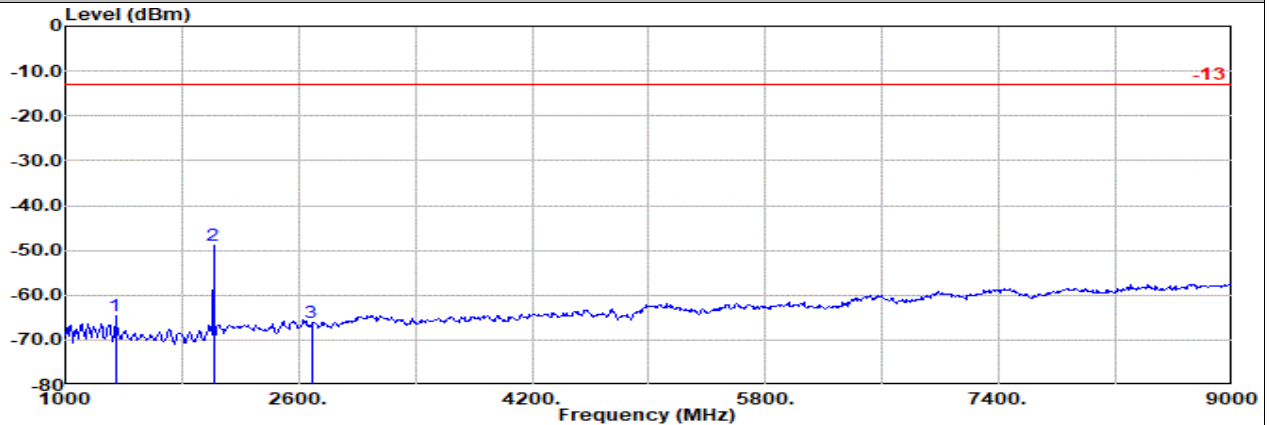


Ant. 0

## Part 27N Mode 1

NR SA n71 20M Ch136100 1RB1 BPSK

M

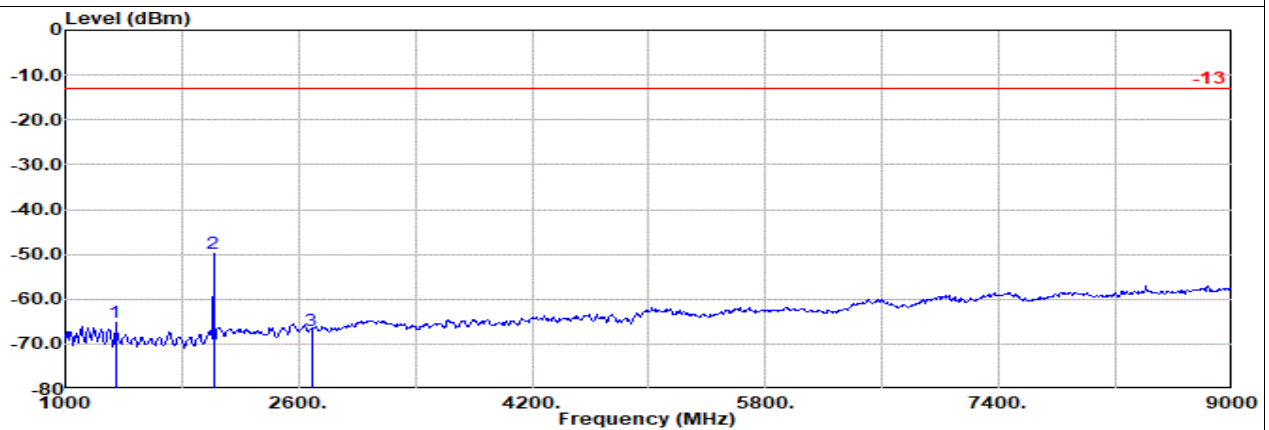


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR SA n71 20M Ch136100 1RB1 BPSK

|   | 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 | 1343.00 | -64.62 | RMS      | 25.90             | -61.93 | 1.12   | -95.23 | 65.52 | -13.00 | -51.62 |
| 2 | 2015.00 | -48.84 | RMS      | 26.85             | -60.17 | 0.63   | -95.23 | 79.08 | -13.00 | -35.84 |
| 3 | 2687.00 | -66.12 | RMS      | 28.53             | -59.27 | 0.44   | -95.23 | 59.41 | -13.00 | -53.12 |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR SA n71 20M Ch136100 1RB1 BPSK

|   | 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 | 1343.00 | -65.34 | RMS      | 25.90             | -61.93 | 1.12   | -95.23 | 64.80 | -13.00 | -52.34 |
| 2 | 2015.00 | -49.76 | RMS      | 26.85             | -60.17 | 0.63   | -95.23 | 78.16 | -13.00 | -36.76 |
| 3 | 2687.00 | -66.93 | RMS      | 28.53             | -59.27 | 0.44   | -95.23 | 58.60 | -13.00 | -53.93 |

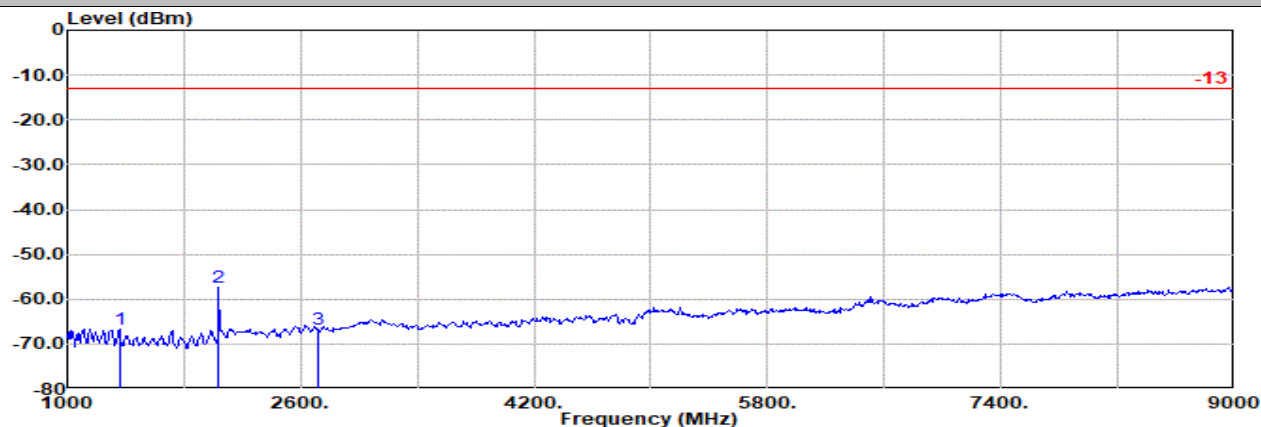


Ant. 0

## Part 27N Mode 1

NR SA n71 20M Ch137600 1RB1 BPSK

H

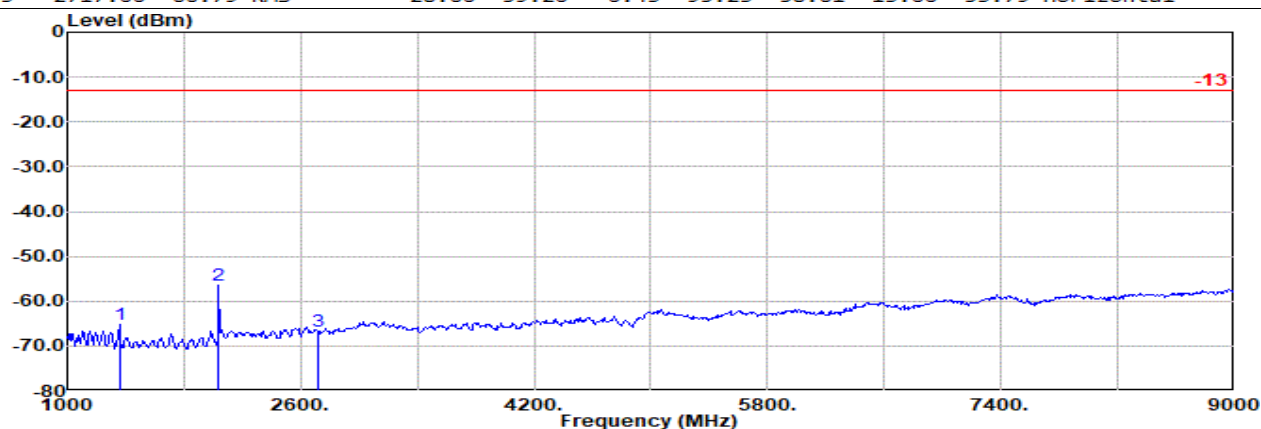


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

NR SA n71 20M Ch137600 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1358.00 | -66.62 | RMS      | 25.82      | -61.89 | 1.12   | -95.23 | 63.56  | -13.00 | -53.62 | Horizontal |
| 2 | 2037.00 | -57.32 | RMS      | 27.27      | -60.16 | 0.64   | -95.23 | 70.16  | -13.00 | -44.32 | Horizontal |
| 3 | 2717.00 | -66.79 | RMS      | 28.60      | -59.20 | 0.43   | -95.23 | 58.61  | -13.00 | -53.79 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

NR SA n71 20M Ch137600 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1358.00 | -65.35 | RMS      | 25.82      | -61.89 | 1.12   | -95.23 | 64.83  | -13.00 | -52.35 | Vertical |
| 2 | 2037.00 | -56.55 | RMS      | 27.27      | -60.16 | 0.64   | -95.23 | 70.93  | -13.00 | -43.55 | Vertical |
| 3 | 2717.00 | -66.83 | RMS      | 28.60      | -59.20 | 0.43   | -95.23 | 58.57  | -13.00 | -53.83 | Vertical |

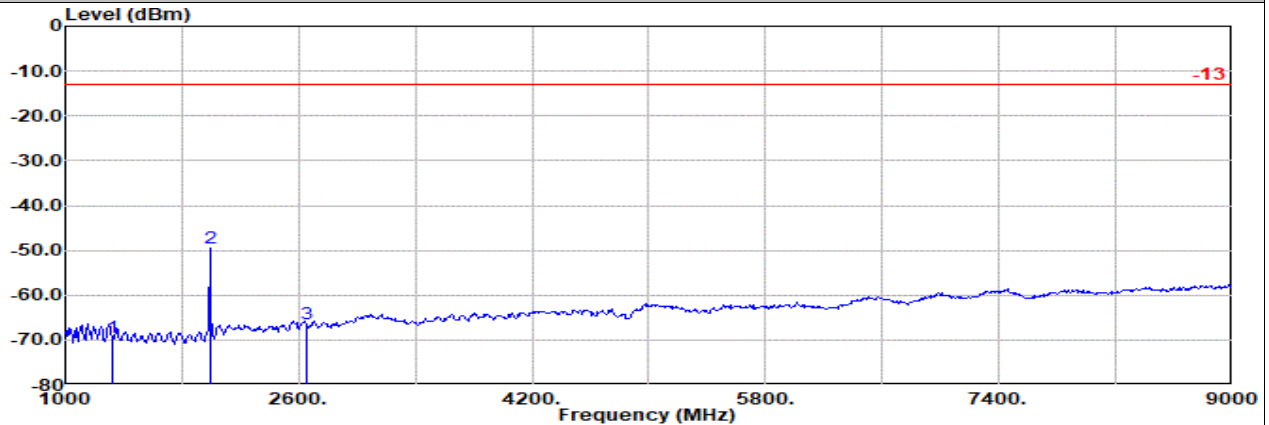


## Ant. 1

## Part 27N Mode 2

NR SA n71 20M Ch134600 1RB1 BPSK

L

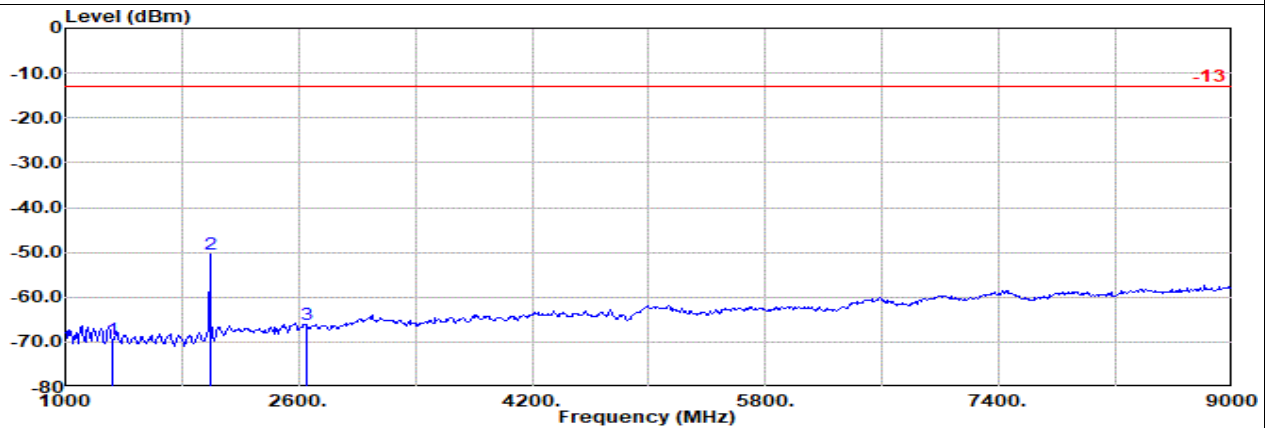


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: LTE Band 71 20M Ch134600 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        | dB       | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1328.00 | -69.41 | RMS      | 25.94      | -61.97 | 1.12     | -95.23 | 60.73    | -13.00 | -56.41 | Horizontal |
| 2 | 1992.00 | -49.56 | RMS      | 26.88      | -60.19 | 0.63     | -95.23 | 78.35    | -13.00 | -36.56 | Horizontal |
| 3 | 2657.00 | -66.46 | RMS      | 28.30      | -59.34 | 0.45     | -95.23 | 59.36    | -13.00 | -53.46 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: LTE Band 71 20M Ch134600 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        | dB       | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1328.00 | -69.38 | RMS      | 25.94      | -61.97 | 1.12     | -95.23 | 60.76    | -13.00 | -56.38 | Vertical |
| 2 | 1992.00 | -50.51 | RMS      | 26.88      | -60.19 | 0.63     | -95.23 | 77.40    | -13.00 | -37.51 | Vertical |
| 3 | 2657.00 | -66.10 | RMS      | 28.30      | -59.34 | 0.45     | -95.23 | 59.72    | -13.00 | -53.10 | Vertical |

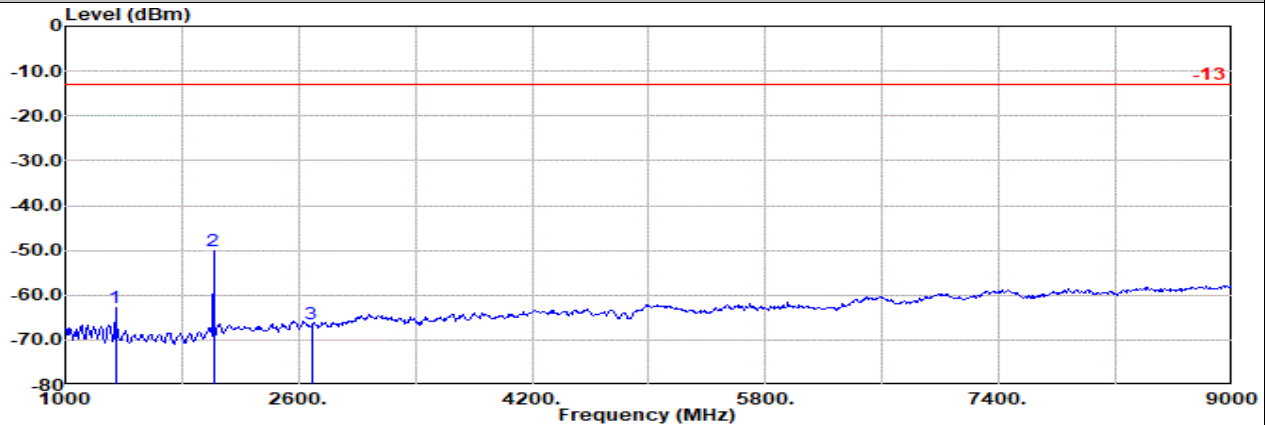


## Ant. 1

## Part 27N Mode 2

NR SA n71 20M Ch136100 1RB1 BPSK

M

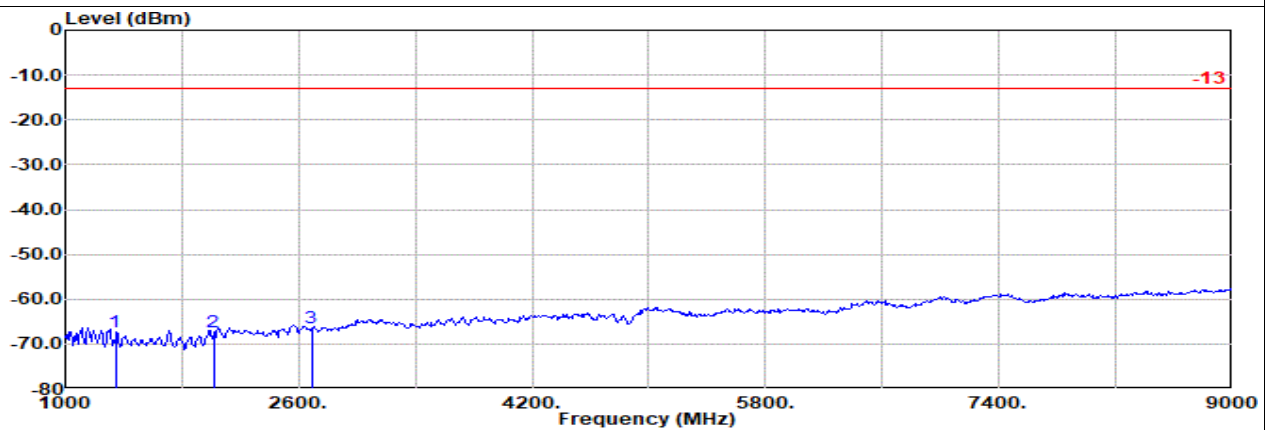


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: LTE Band 71 20M Ch136100 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1343.00 | -62.84 | RMS      | 25.90      | -61.93 | 1.12   | -95.23 | 67.30  | -13.00 | -49.84 | Horizontal |
| 2 | 2015.00 | -50.03 | RMS      | 26.85      | -60.17 | 0.63   | -95.23 | 77.89  | -13.00 | -37.03 | Horizontal |
| 3 | 2687.00 | -66.51 | RMS      | 28.53      | -59.27 | 0.44   | -95.23 | 59.02  | -13.00 | -53.51 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: LTE Band 71 20M Ch136100 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1343.00 | -67.29 | RMS      | 25.90      | -61.93 | 1.12   | -95.23 | 62.85  | -13.00 | -54.29 | Vertical |
| 2 | 2015.00 | -67.38 | RMS      | 26.85      | -60.17 | 0.63   | -95.23 | 60.54  | -13.00 | -54.38 | Vertical |
| 3 | 2687.00 | -66.39 | RMS      | 28.53      | -59.27 | 0.44   | -95.23 | 59.14  | -13.00 | -53.39 | Vertical |

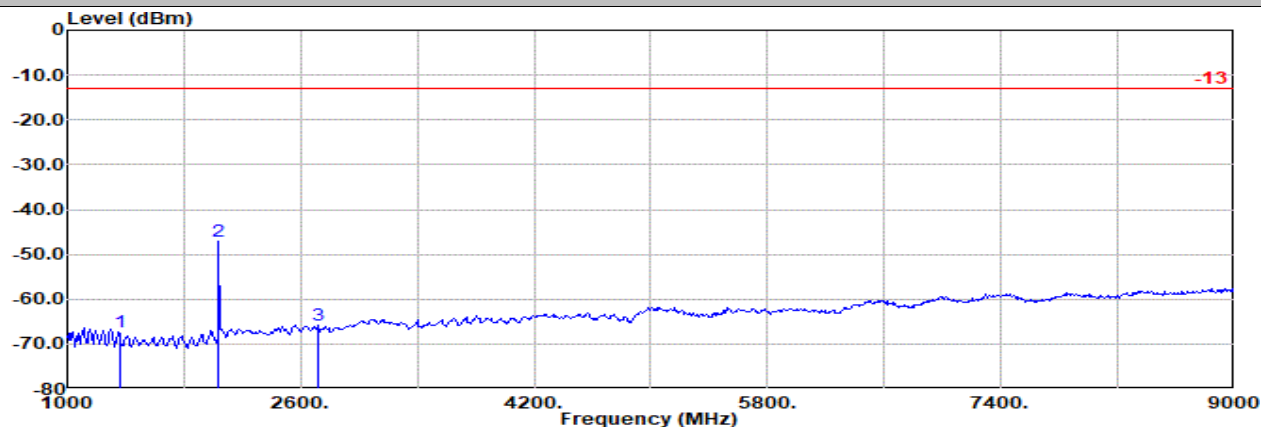


Ant. 1

## Part 27N Mode 2

NR SA n71 20M Ch137600 1RB1 BPSK

H

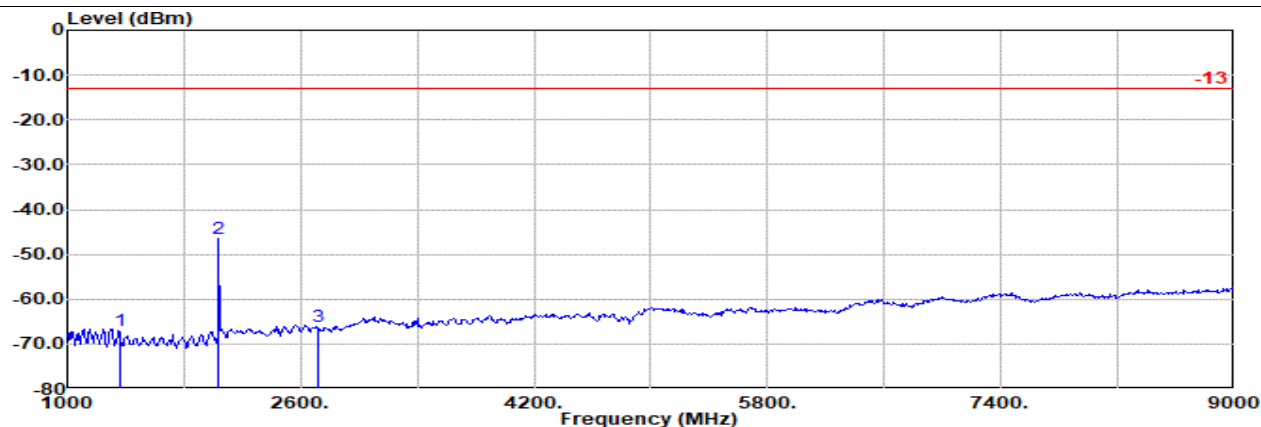


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: LTE Band 71 20M Ch137600 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        | dB       | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1359.00 | -67.19 | RMS      | 25.81      | -61.89 | 1.12     | -95.23 | 63.00    | -13.00 | -54.19 | Horizontal |
| 2 | 2038.00 | -47.00 | RMS      | 27.28      | -60.16 | 0.64     | -95.23 | 80.47    | -13.00 | -34.00 | Horizontal |
| 3 | 2717.00 | -65.82 | RMS      | 28.60      | -59.20 | 0.43     | -95.23 | 59.58    | -13.00 | -52.82 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: LTE Band 71 20M Ch137600 1RB0 QPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        | dB       | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1359.00 | -67.13 | RMS      | 25.81      | -61.89 | 1.12     | -95.23 | 63.06    | -13.00 | -54.13 | Vertical |
| 2 | 2038.00 | -46.41 | RMS      | 27.28      | -60.16 | 0.64     | -95.23 | 81.06    | -13.00 | -33.41 | Vertical |
| 3 | 2717.00 | -66.14 | RMS      | 28.60      | -59.20 | 0.43     | -95.23 | 59.26    | -13.00 | -53.14 | Vertical |

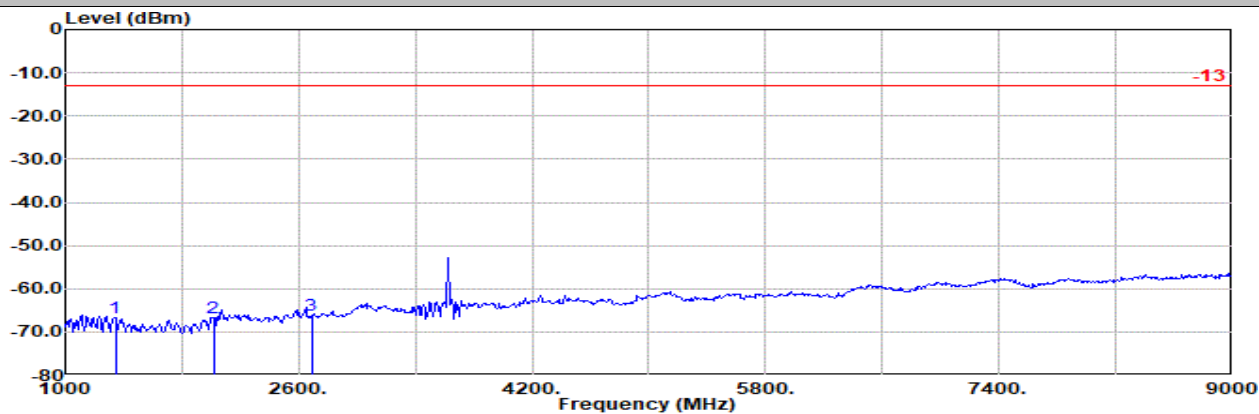


MIMO &lt; Ant. 2+1&gt;

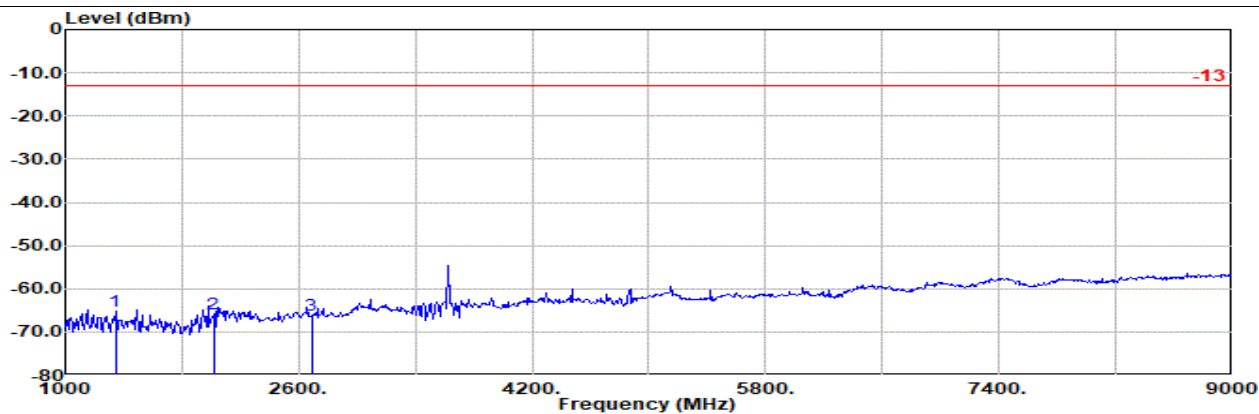
## Part 27N Mode 3

EN-DC B48+n71 10M + 20M Ch55990 1RB0 QPSK + Ch136100 1RB1 BPSK

M



|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          |            |        | dB/m     | dB     | dB       | dB     | dB     | dB         |
| 1 | 1343.00 | -66.62 | RMS      | 25.90      | -61.93 | 1.32     | -95.23 | 63.32    | -13.00 | -53.62 | Horizontal |
| 2 | 2015.00 | -66.59 | RMS      | 26.85      | -60.17 | 0.86     | -95.23 | 61.10    | -13.00 | -53.59 | Horizontal |
| 3 | 2687.00 | -66.09 | RMS      | 28.53      | -59.27 | 0.73     | -95.23 | 59.15    | -13.00 | -53.09 | Horizontal |



|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          |            |        | dB/m     | dB     | dB       | dB     | dB     | dB       |
| 1 | 1343.00 | -65.27 | RMS      | 25.90      | -61.93 | 1.32     | -95.23 | 64.67    | -13.00 | -52.27 | Vertical |
| 2 | 2015.00 | -65.75 | RMS      | 26.85      | -60.17 | 0.86     | -95.23 | 61.94    | -13.00 | -52.75 | Vertical |
| 3 | 2687.00 | -66.12 | RMS      | 28.53      | -59.27 | 0.73     | -95.23 | 59.12    | -13.00 | -53.12 | Vertical |

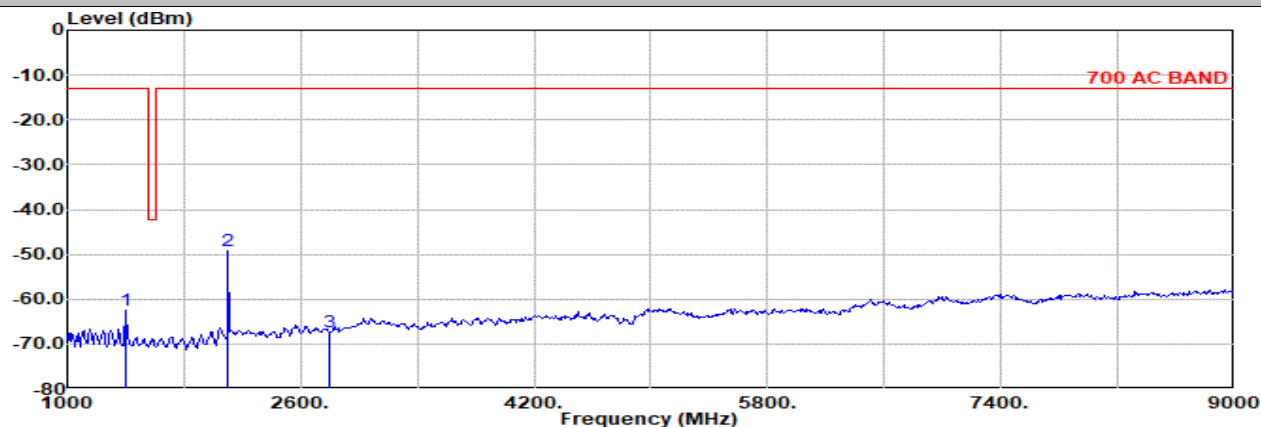


Ant. 0

Part 27H Mode 1

NR SA n12 10M Ch140800 1RB1 BPSK

L

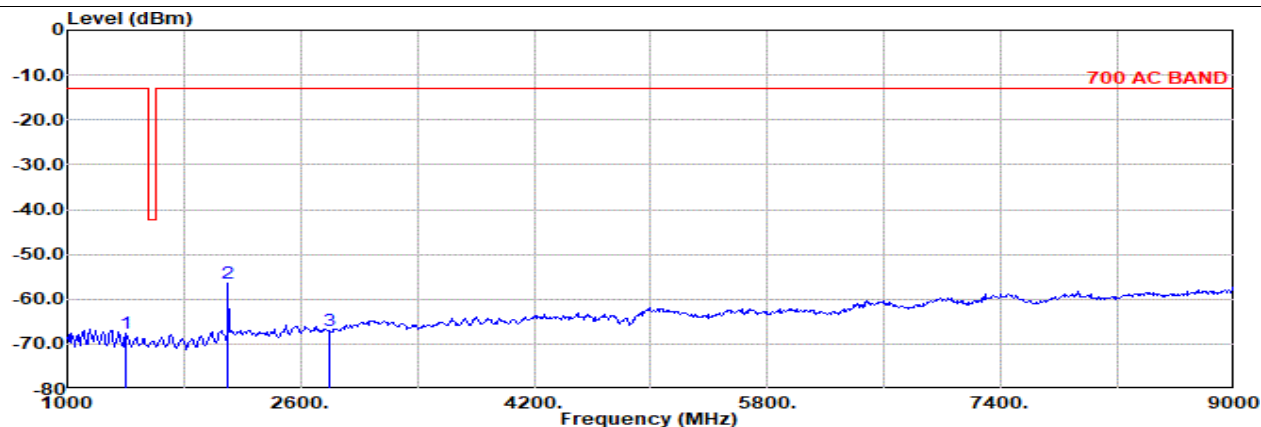


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

NR SA n12 10M Ch140800 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1399.00 | -62.48 | RMS      | 25.92      | -61.78 | 1.11   | -95.23 | 67.50  | -13.00 | -49.48 | Horizontal |
| 2 | 2099.00 | -49.32 | RMS      | 27.30      | -60.15 | 0.65   | -95.23 | 78.11  | -13.00 | -36.32 | Horizontal |
| 3 | 2799.00 | -67.46 | RMS      | 28.60      | -58.99 | 0.41   | -95.23 | 57.75  | -13.00 | -54.46 | Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

NR SA n12 10M Ch140800 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1399.00 | -67.60 | RMS      | 25.92      | -61.78 | 1.11   | -95.23 | 62.38  | -13.00 | -54.60 | Vertical |
| 2 | 2099.00 | -56.34 | RMS      | 27.30      | -60.15 | 0.65   | -95.23 | 71.09  | -13.00 | -43.34 | Vertical |
| 3 | 2799.00 | -67.13 | RMS      | 28.60      | -58.99 | 0.41   | -95.23 | 58.08  | -13.00 | -54.13 | Vertical |

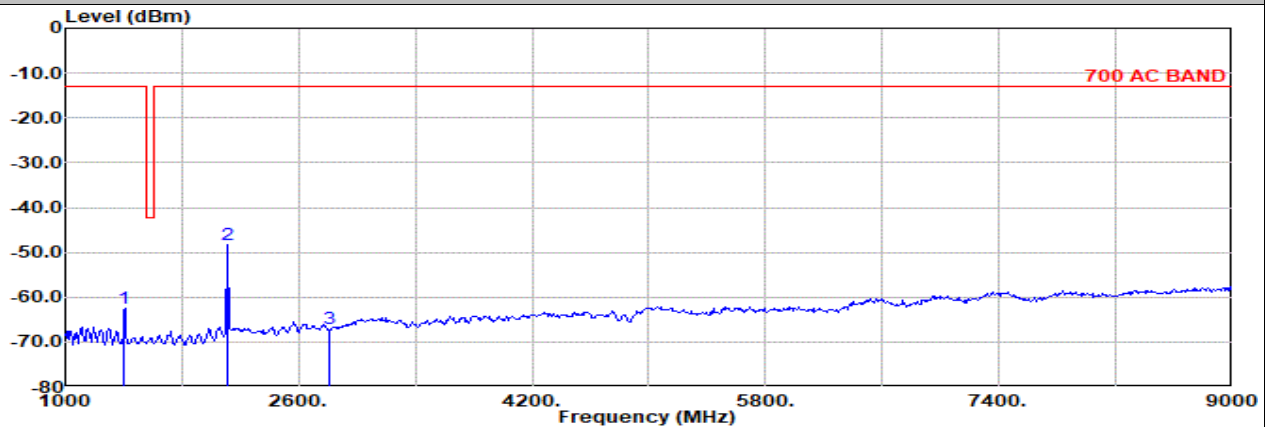


Ant. 0

Part 27H Mode 1

NR SA n12 10M Ch141500 1RB1 BPSK

M

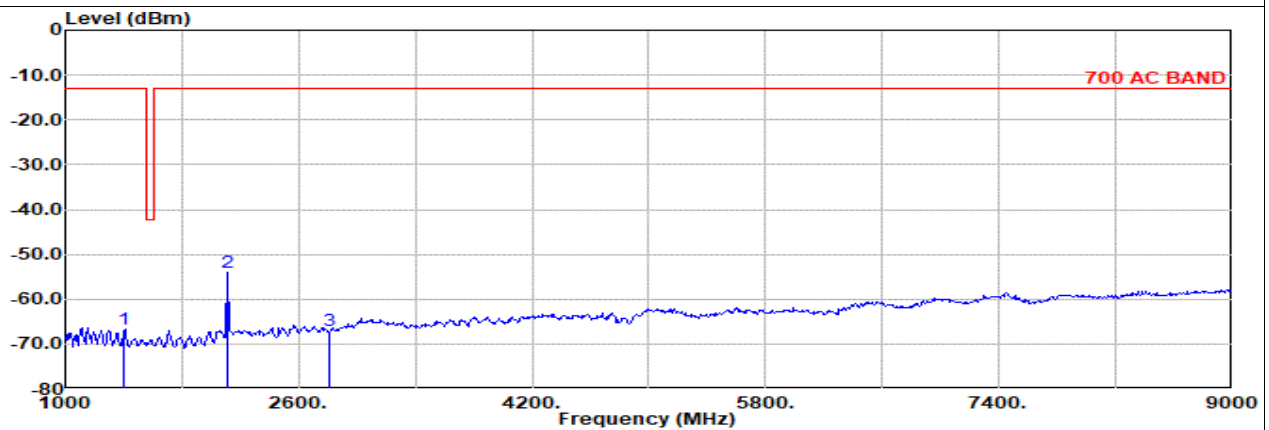


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

NR SA n12 10M Ch141500 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb 1 | Filter | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|----------|--------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB       | dB     | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1406.00 | -62.50 | RMS      | 25.78      | -61.75   | 1.10   | -95.23 | 67.60    | -13.00 | -49.50 | Horizontal |
| 2 | 2109.00 | -48.45 | RMS      | 27.48      | -60.15   | 0.65   | -95.23 | 78.80    | -13.00 | -35.45 | Horizontal |
| 3 | 2813.00 | -67.06 | RMS      | 28.50      | -58.96   | 0.41   | -95.23 | 58.22    | -13.00 | -54.06 | Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

NR SA n12 10M Ch141500 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb 1 | Filter | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|----------|--------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB       | dB     | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1406.00 | -66.72 | RMS      | 25.78      | -61.75   | 1.10   | -95.23 | 63.38    | -13.00 | -53.72 | Vertical |
| 2 | 2109.00 | -53.95 | RMS      | 27.48      | -60.15   | 0.65   | -95.23 | 73.30    | -13.00 | -40.95 | Vertical |
| 3 | 2813.00 | -66.93 | RMS      | 28.50      | -58.96   | 0.41   | -95.23 | 58.35    | -13.00 | -53.93 | Vertical |

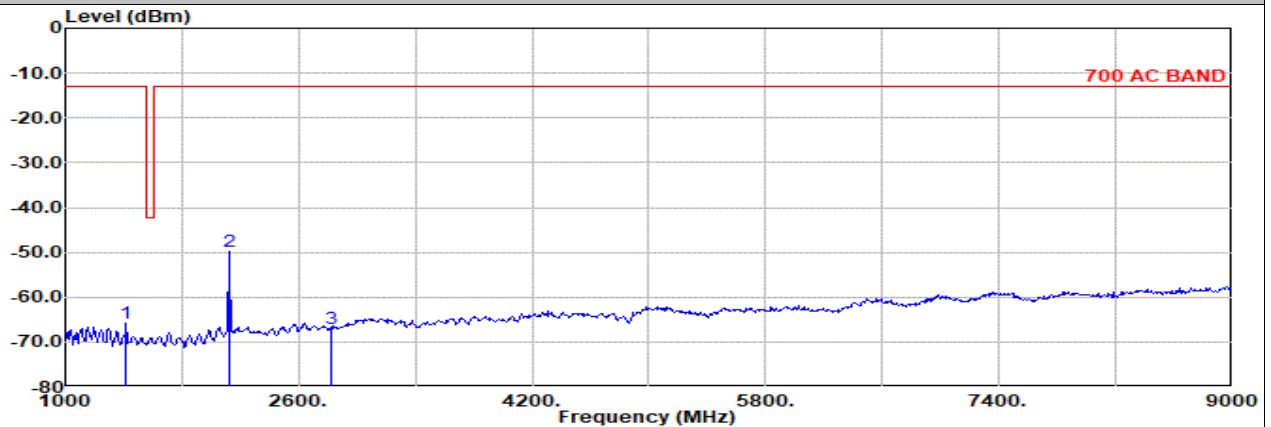


Ant. 0

Part 27H Mode 1

NR SA n12 10M Ch142200 1RB1 BPSK

H

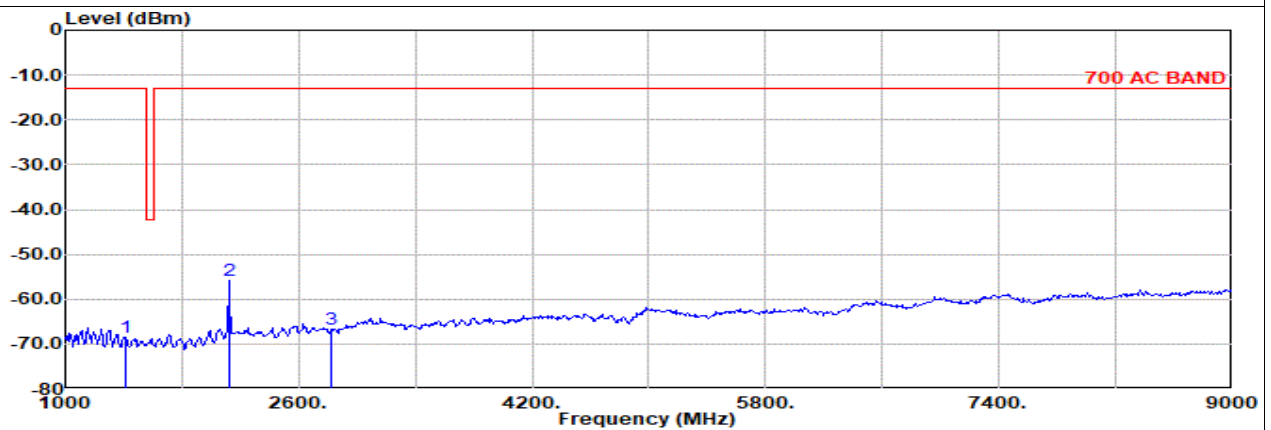


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

NR SA n12 10M Ch142200 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb 1 | Filter | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|----------|--------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB       | dB     | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1413.00 | -65.77 | RMS      | 25.70      | -61.72   | 1.09   | -95.23 | 64.39    | -13.00 | -52.77 | Horizontal |
| 2 | 2120.00 | -49.77 | RMS      | 27.60      | -60.15   | 0.65   | -95.23 | 77.36    | -13.00 | -36.77 | Horizontal |
| 3 | 2827.00 | -67.12 | RMS      | 28.57      | -58.93   | 0.41   | -95.23 | 58.06    | -13.00 | -54.12 | Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

NR SA n12 10M Ch142200 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb 1 | Filter | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|----------|--------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB       | dB     | dB     | dBuV     | dBm    | dB     |          |
| 1 | 1413.00 | -68.54 | RMS      | 25.70      | -61.72   | 1.09   | -95.23 | 61.62    | -13.00 | -55.54 | Vertical |
| 2 | 2120.00 | -55.79 | RMS      | 27.60      | -60.15   | 0.65   | -95.23 | 71.34    | -13.00 | -42.79 | Vertical |
| 3 | 2827.00 | -66.77 | RMS      | 28.57      | -58.93   | 0.41   | -95.23 | 58.41    | -13.00 | -53.77 | Vertical |

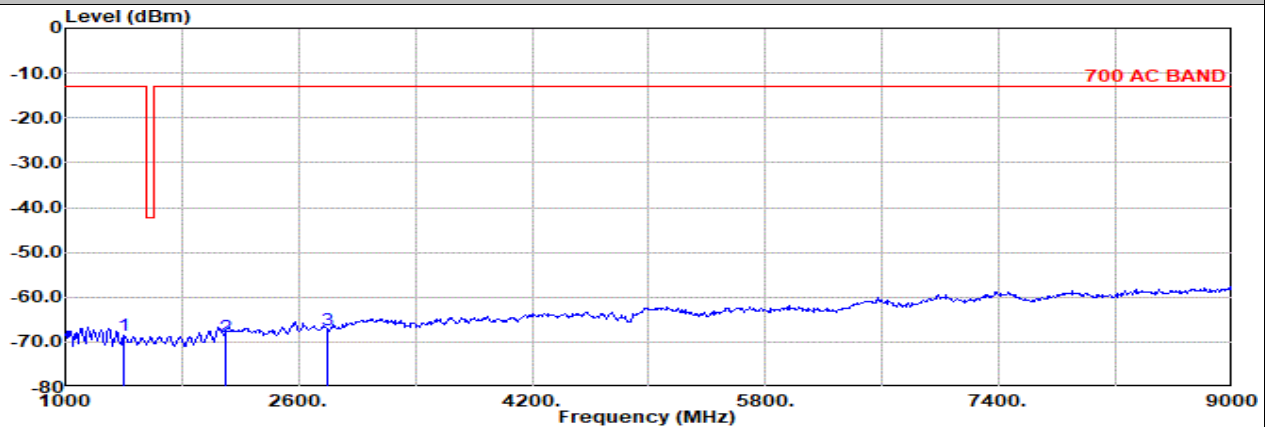


## Ant. 1

## Part 27H Mode 2

NR SA n12 10M Ch140800 1RB1 BPSK

L

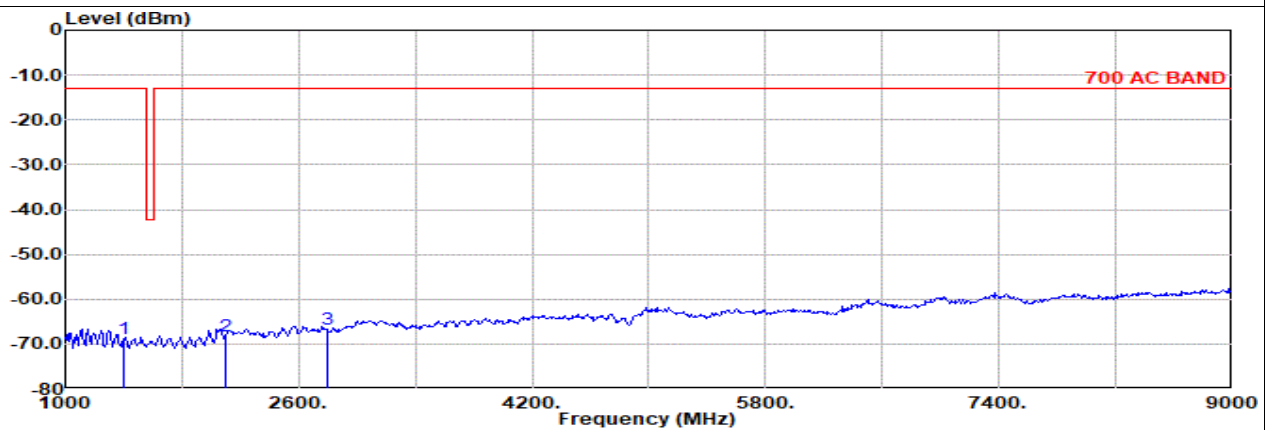


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

: NR SA n12 10M Ch140800 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb 1 | Filter | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|----------|--------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB       | dB     | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1399.00 | -68.38 | RMS      | 25.92      | -61.78   | 1.11   | -95.23 | 61.60    | -13.00 | -55.38 | Horizontal |
| 2 | 2099.00 | -68.84 | RMS      | 27.30      | -60.15   | 0.65   | -95.23 | 58.59    | -13.00 | -55.84 | Horizontal |
| 3 | 2799.00 | -67.37 | RMS      | 28.60      | -58.99   | 0.41   | -95.23 | 57.84    | -13.00 | -54.37 | Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

: NR SA n12 10M Ch140800 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb 1 | Filter | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|----------|--------|--------|----------|--------|--------|----------|
|   | MHz     | dBm    |          | dB/m       | dB       | dB     | dB     | dBuV     | dBm    |        |          |
| 1 | 1399.00 | -68.85 | RMS      | 25.92      | -61.78   | 1.11   | -95.23 | 61.13    | -13.00 | -55.85 | Vertical |
| 2 | 2099.00 | -68.38 | RMS      | 27.30      | -60.15   | 0.65   | -95.23 | 59.05    | -13.00 | -55.38 | Vertical |
| 3 | 2799.00 | -66.76 | RMS      | 28.60      | -58.99   | 0.41   | -95.23 | 58.45    | -13.00 | -53.76 | Vertical |

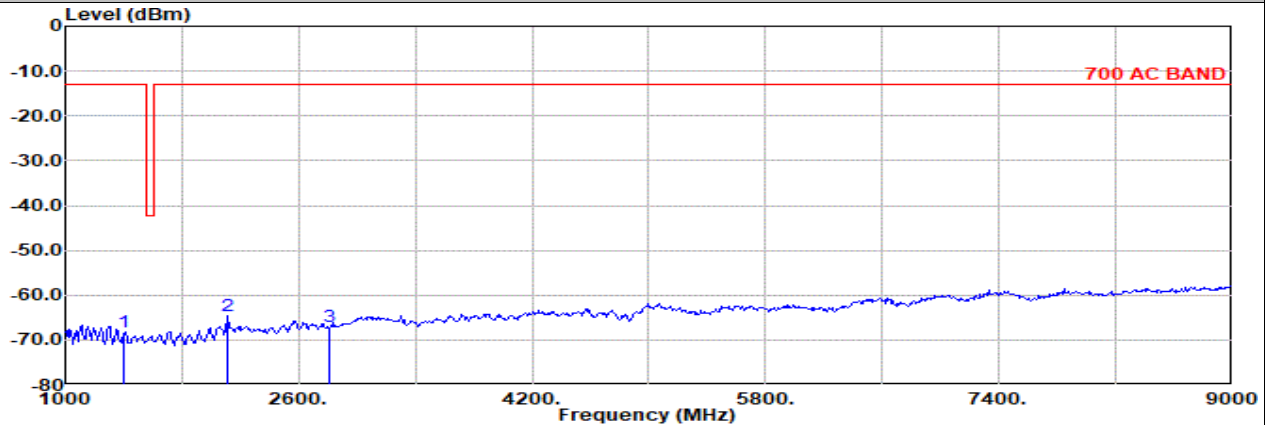


Ant. 1

Part 27H Mode 2

NR SA n12 10M Ch141500 1RB1 BPSK

M

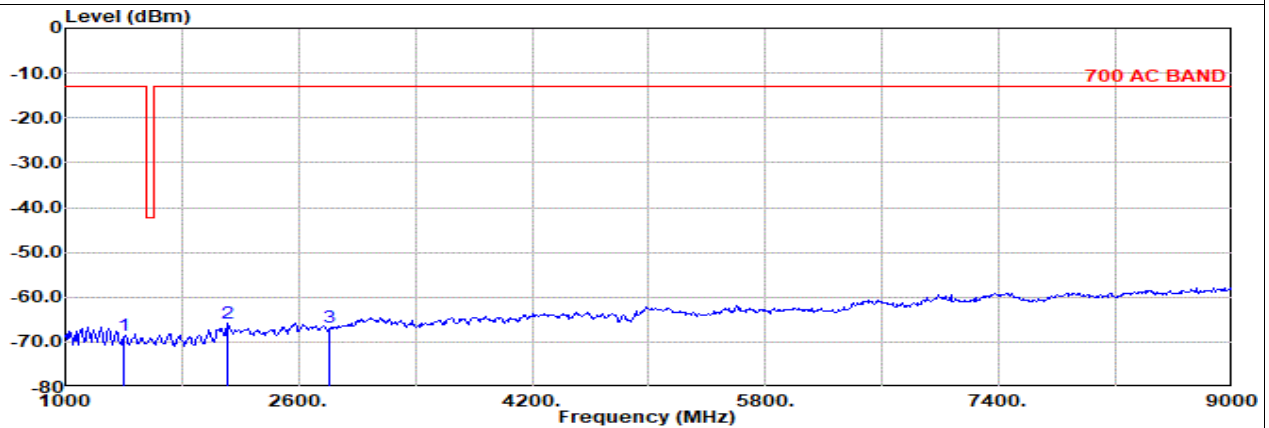


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

: NR SA n12 10M Ch141500 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb 1 | Filter | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|----------|--------|--------|----------|--------|--------|------------|
|   | MHz     | dBm    |          | dB/m       | dB       | dB     | dB     | dBuV     | dBm    | dB     |            |
| 1 | 1406.00 | -68.17 | RMS      | 25.78      | -61.75   | 1.10   | -95.23 | 61.93    | -13.00 | -55.17 | Horizontal |
| 2 | 2109.00 | -64.68 | RMS      | 27.48      | -60.15   | 0.65   | -95.23 | 62.57    | -13.00 | -51.68 | Horizontal |
| 3 | 2813.00 | -67.07 | RMS      | 28.50      | -58.96   | 0.41   | -95.23 | 58.21    | -13.00 | -54.07 | Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

: NR SA n12 10M Ch141500 1RB1 BPSK

|   | 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 | 1406.00 | -68.54 | RMS      | 25.78         | -61.75      | 1.10   | -95.23 | 61.56       | -13.00 | -55.54 | Vertical |
| 2 | 2109.00 | -65.87 | RMS      | 27.48         | -60.15      | 0.65   | -95.23 | 61.38       | -13.00 | -52.87 | Vertical |
| 3 | 2813.00 | -66.78 | RMS      | 28.50         | -58.96      | 0.41   | -95.23 | 58.50       | -13.00 | -53.78 | Vertical |

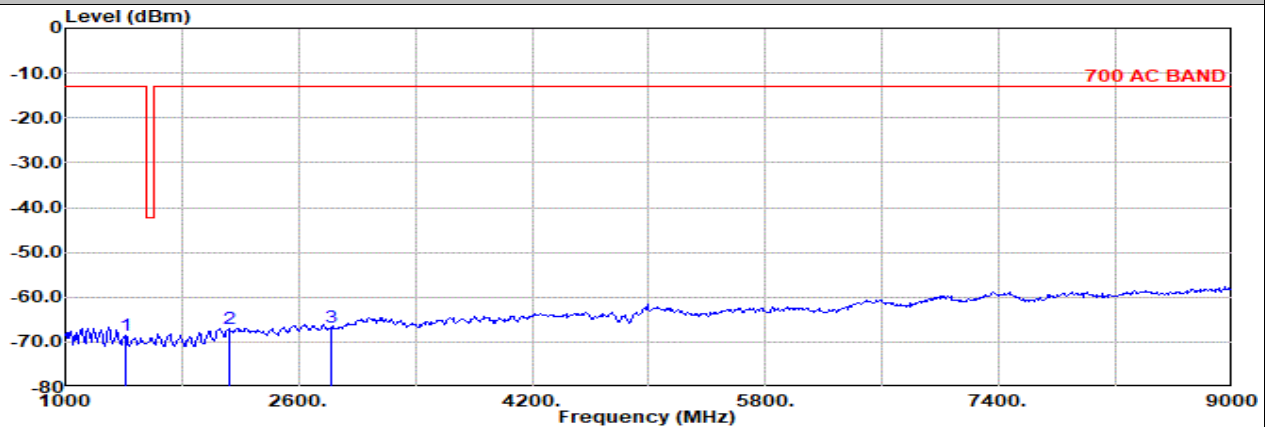


## Ant. 1

## Part 27H Mode 2

NR SA n12 10M Ch142200 1RB1 BPSK

H

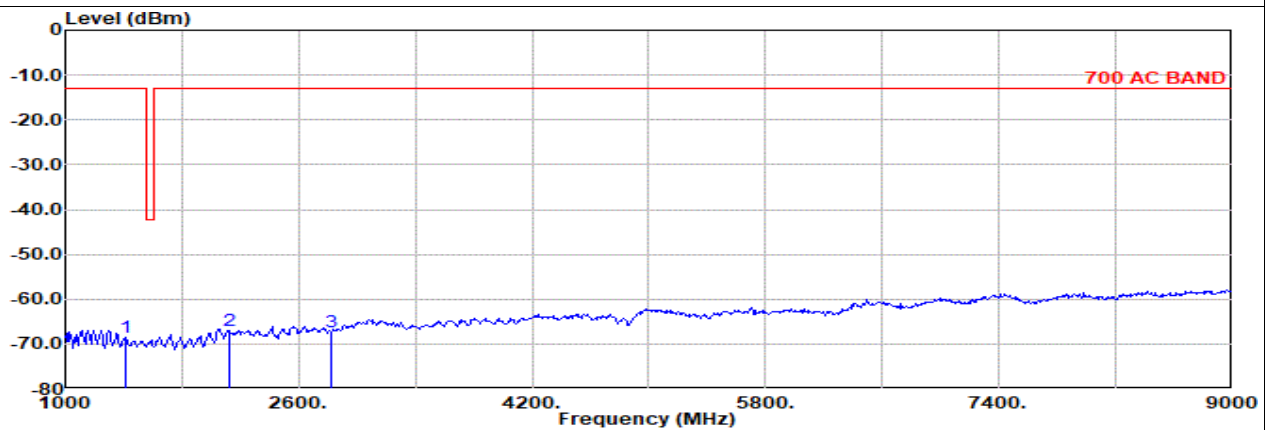


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

: NR SA n12 10M Ch142200 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit<br>dBm | Margin<br>dB | Pol               |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|--------------|--------------|-------------------|
|   |             |              |          | Factor            | 1      |        |             |              |              |                   |
|   |             |              |          | dB/m              | dB     | dB     | dB          | dBuV         |              |                   |
| 1 | 1413.00     | -68.39       | RMS      | 25.70             | -61.72 | 1.09   | -95.23      | 61.77        | -13.00       | -55.39 Horizontal |
| 2 | 2120.00     | -67.07       | RMS      | 27.60             | -60.15 | 0.65   | -95.23      | 60.06        | -13.00       | -54.07 Horizontal |
| 3 | 2827.00     | -66.71       | RMS      | 28.57             | -58.93 | 0.41   | -95.23      | 58.47        | -13.00       | -53.71 Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

: NR SA n12 10M Ch142200 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit<br>dBm | Margin<br>dB | Pol             |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|--------------|--------------|-----------------|
|   |             |              |          | Factor            | 1      |        |             |              |              |                 |
|   |             |              |          | dB/m              | dB     | dB     | dB          | dBuV         |              |                 |
| 1 | 1413.00     | -68.66       | RMS      | 25.70             | -61.72 | 1.09   | -95.23      | 61.50        | -13.00       | -55.66 Vertical |
| 2 | 2120.00     | -67.04       | RMS      | 27.60             | -60.15 | 0.65   | -95.23      | 60.09        | -13.00       | -54.04 Vertical |
| 3 | 2827.00     | -67.20       | RMS      | 28.57             | -58.93 | 0.41   | -95.23      | 57.98        | -13.00       | -54.20 Vertical |

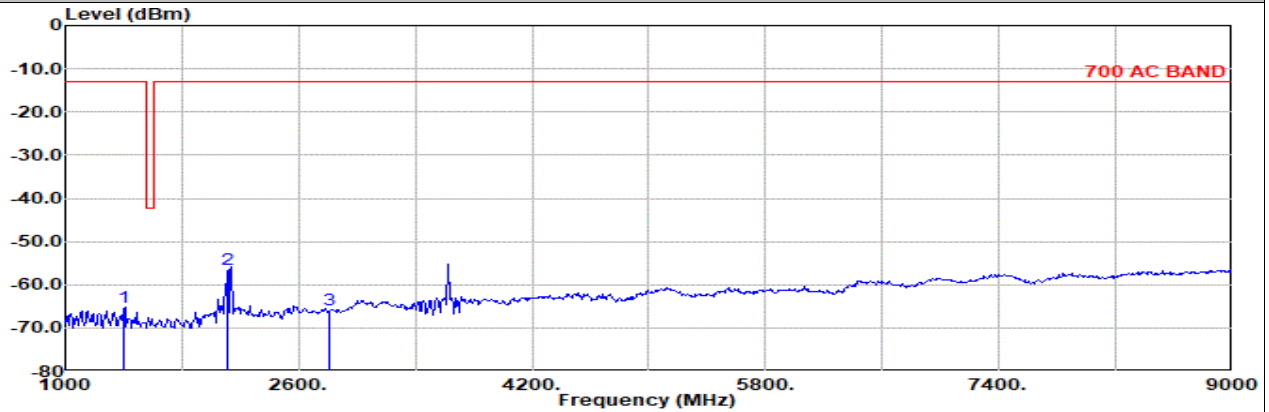


MIMO &lt; Ant. 2+0&gt;

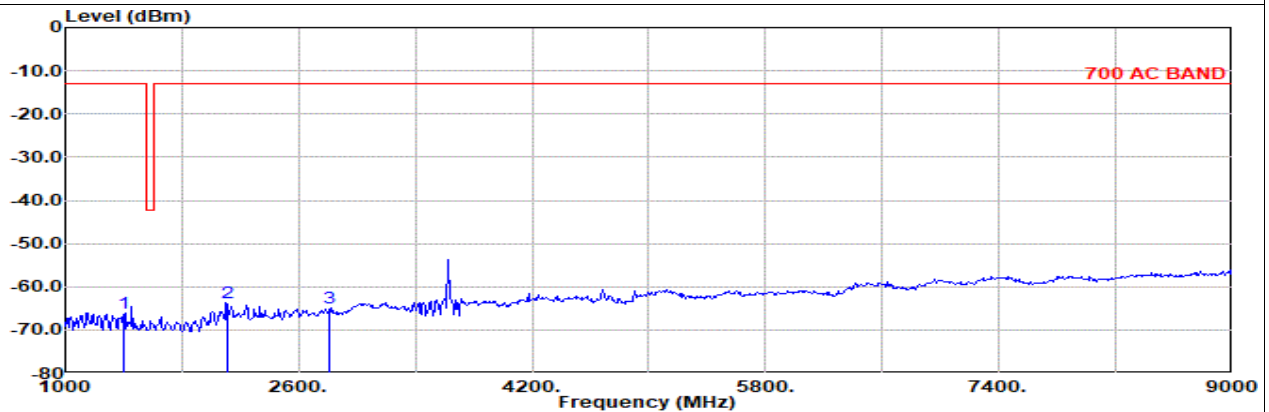
## Part 27H Mode 3

EN-DC B48+n12 10M + 10M Ch55990 1RB0 QPSK + Ch141500 1RB1 BPSK

M



|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB/m   | dB     | dB     | dB     | dBuV   | dBm    | dB         |
| 1 | 1406.00 | -65.15 | RMS      | 25.78      | -61.75 | 1.30   | -95.23 | 64.75  | -13.00 | -52.15 | Horizontal |
| 2 | 2110.00 | -56.38 | RMS      | 27.50      | -60.15 | 0.92   | -95.23 | 70.58  | -13.00 | -43.38 | Horizontal |
| 3 | 2813.00 | -65.80 | RMS      | 28.50      | -58.96 | 0.69   | -95.23 | 59.20  | -13.00 | -52.80 | Horizontal |



|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB/m   | dB     | dB     | dB     | dBuV   | dBm    | dB       |
| 1 | 1406.00 | -66.05 | RMS      | 25.78      | -61.75 | 1.30   | -95.23 | 63.85  | -13.00 | -53.05 | Vertical |
| 2 | 2110.00 | -63.72 | RMS      | 27.50      | -60.15 | 0.92   | -95.23 | 63.24  | -13.00 | -50.72 | Vertical |
| 3 | 2813.00 | -64.90 | RMS      | 28.50      | -58.96 | 0.69   | -95.23 | 60.10  | -13.00 | -51.90 | Vertical |

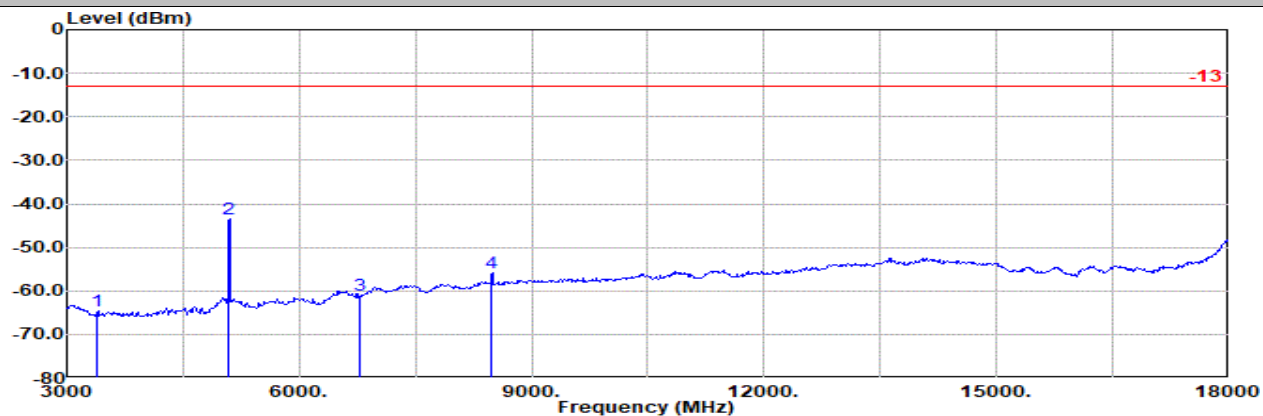


## Ant. 2

## Part 27L Mode 1

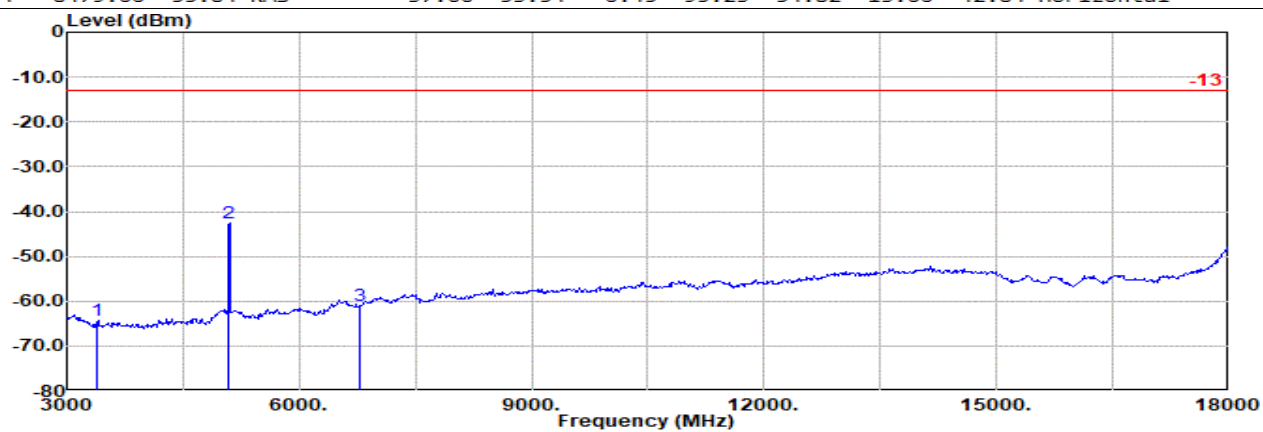
NR SA n70 10M Ch340000 1RB1 BPSK

L



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
NR SA n70 10M Ch340000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb |        | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|------------|--------|--------|--------|-------------|--------|--------|------------|
|   |             |              |          | Factor     | 1      |        |        |             |        |        |            |
|   |             |              |          |            |        |        |        |             |        |        |            |
| 1 | 3391.00     | -64.50       | RMS      | 29.72      | -58.01 | 1.08   | -95.23 | 57.94       | -13.00 | -51.50 | Horizontal |
| 2 | 5087.00     | -43.51       | RMS      | 33.20      | -56.41 | 0.47   | -95.23 | 74.46       | -13.00 | -30.51 | Horizontal |
| 3 | 6783.00     | -61.11       | RMS      | 36.10      | -53.82 | 0.34   | -95.23 | 51.50       | -13.00 | -48.11 | Horizontal |
| 4 | 8479.00     | -55.84       | RMS      | 37.66      | -53.54 | 0.45   | -95.23 | 54.82       | -13.00 | -42.84 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
NR SA n70 10M Ch340000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb |        | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|------------|--------|--------|--------|-------------|--------|--------|----------|
|   |             |              |          | Factor     | 1      |        |        |             |        |        |          |
|   |             |              |          |            |        |        |        |             |        |        |          |
| 1 | 3391.00     | -64.36       | RMS      | 29.72      | -58.01 | 1.08   | -95.23 | 58.08       | -13.00 | -51.36 | Vertical |
| 2 | 5087.00     | -42.45       | RMS      | 33.20      | -56.41 | 0.47   | -95.23 | 75.52       | -13.00 | -29.45 | Vertical |
| 3 | 6783.00     | -61.06       | RMS      | 36.10      | -53.82 | 0.34   | -95.23 | 51.55       | -13.00 | -48.06 | Vertical |

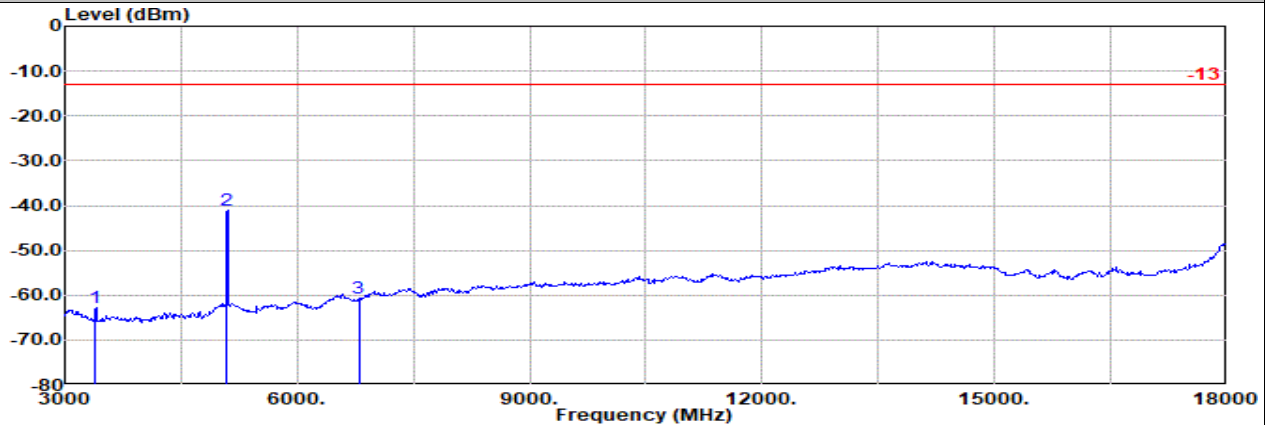


## Ant. 2

## Part 27L Mode 1

NR SA n70 10M Ch340500 1RB1 BPSK

M

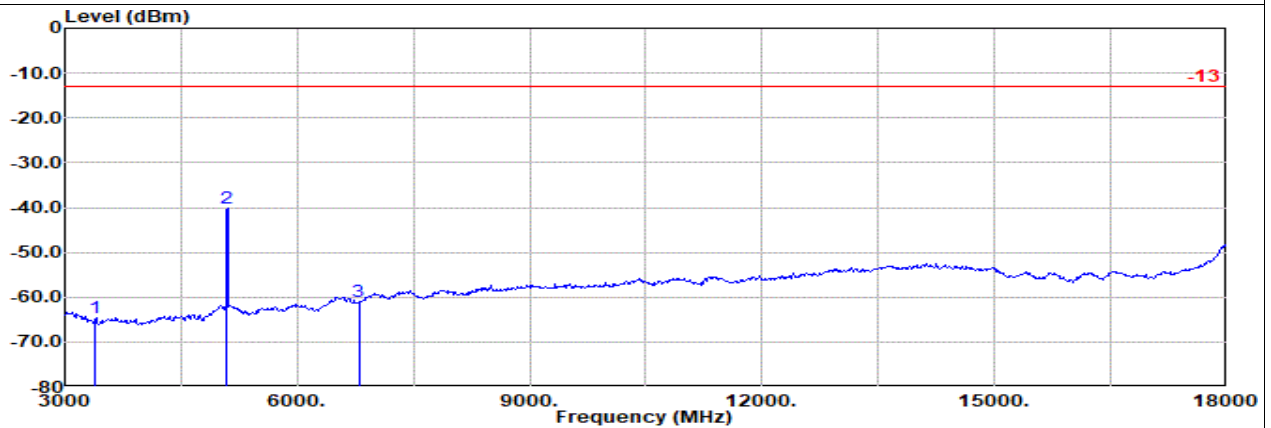


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

NR SA n70 10M Ch340500 1RB1 BPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol        |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|------------|
|   | MHz        | dBm    |          | Factor            | dB     |        |          | dBuV  | dBm    |        |            |
| 1 | 3396.00    | -62.87 | RMS      | 29.71             | -58.00 | 1.07   | -95.23   | 59.58 | -13.00 | -49.87 | Horizontal |
| 2 | 5094.00    | -41.10 | RMS      | 33.20             | -56.39 | 0.47   | -95.23   | 76.85 | -13.00 | -28.10 | Horizontal |
| 3 | 6793.00    | -60.72 | RMS      | 36.10             | -53.83 | 0.34   | -95.23   | 51.90 | -13.00 | -47.72 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

NR SA n70 10M Ch340500 1RB1 BPSK

|   | Freq Level |        | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin g | Limit |        | Margin | Pol      |
|---|------------|--------|----------|-------------------|--------|--------|----------|-------|--------|--------|----------|
|   | MHz        | dBm    |          | Factor            | dB     |        |          | dBuV  | dBm    |        |          |
| 1 | 3396.00    | -64.61 | RMS      | 29.71             | -58.00 | 1.07   | -95.23   | 57.84 | -13.00 | -51.61 | Vertical |
| 2 | 5094.00    | -40.02 | RMS      | 33.20             | -56.39 | 0.47   | -95.23   | 77.93 | -13.00 | -27.02 | Vertical |
| 3 | 6793.00    | -60.84 | RMS      | 36.10             | -53.83 | 0.34   | -95.23   | 51.78 | -13.00 | -47.84 | Vertical |

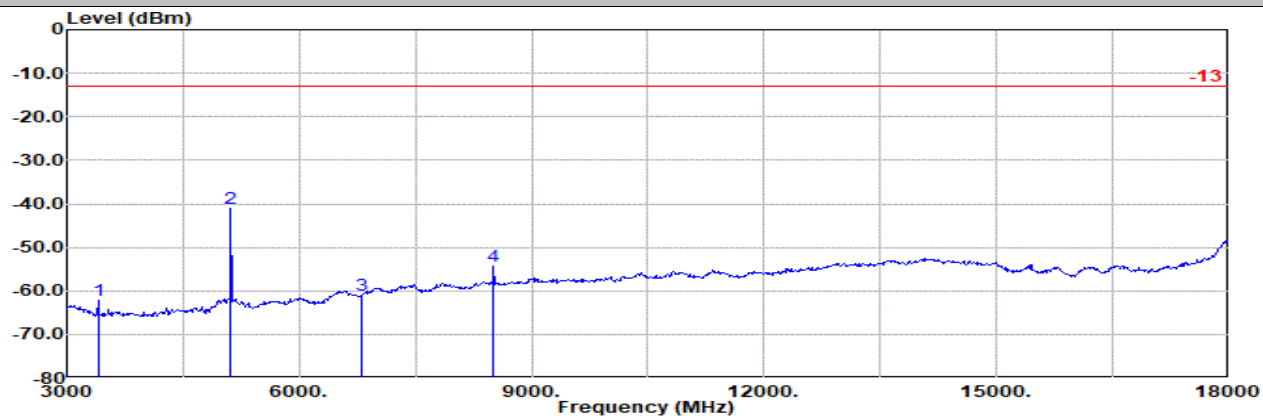


## Ant. 2

## Part 27L Mode 1

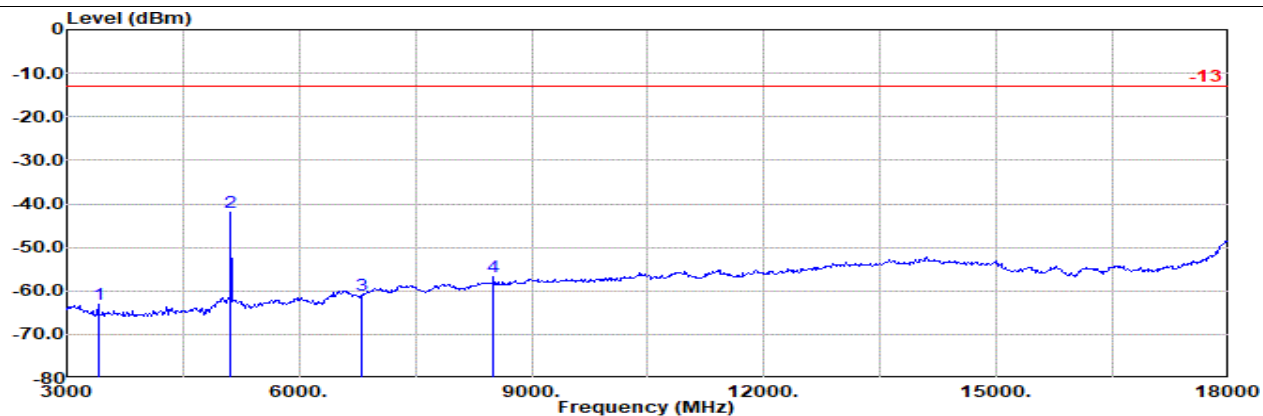
NR SA n70 10M Ch341000 1RB1 BPSK

H



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
NR SA n70 10M Ch341000 1RB1 BPSK

|   | 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 | 3401.00 | -62.32 | RMS      | 29.70      | -58.00 | 1.07   | -95.23 | 60.14  | -13.00 | -49.32 | Horizontal |
| 2 | 5102.00 | -41.05 | RMS      | 33.21      | -56.37 | 0.47   | -95.23 | 76.87  | -13.00 | -28.05 | Horizontal |
| 3 | 6803.00 | -60.92 | RMS      | 36.10      | -53.82 | 0.34   | -95.23 | 51.69  | -13.00 | -47.92 | Horizontal |
| 4 | 8504.00 | -54.36 | RMS      | 37.72      | -53.53 | 0.48   | -95.23 | 56.20  | -13.00 | -41.36 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
NR SA n70 10M Ch341000 1RB1 BPSK

|   | 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 | 3401.00 | -63.05 | RMS      | 29.70      | -58.00 | 1.07   | -95.23 | 59.41  | -13.00 | -50.05 | Vertical |
| 2 | 5102.00 | -41.97 | RMS      | 33.21      | -56.37 | 0.47   | -95.23 | 75.95  | -13.00 | -28.97 | Vertical |
| 3 | 6803.00 | -61.01 | RMS      | 36.10      | -53.82 | 0.34   | -95.23 | 51.60  | -13.00 | -48.01 | Vertical |
| 4 | 8504.00 | -56.81 | RMS      | 37.72      | -53.53 | 0.48   | -95.23 | 53.75  | -13.00 | -43.81 | Vertical |

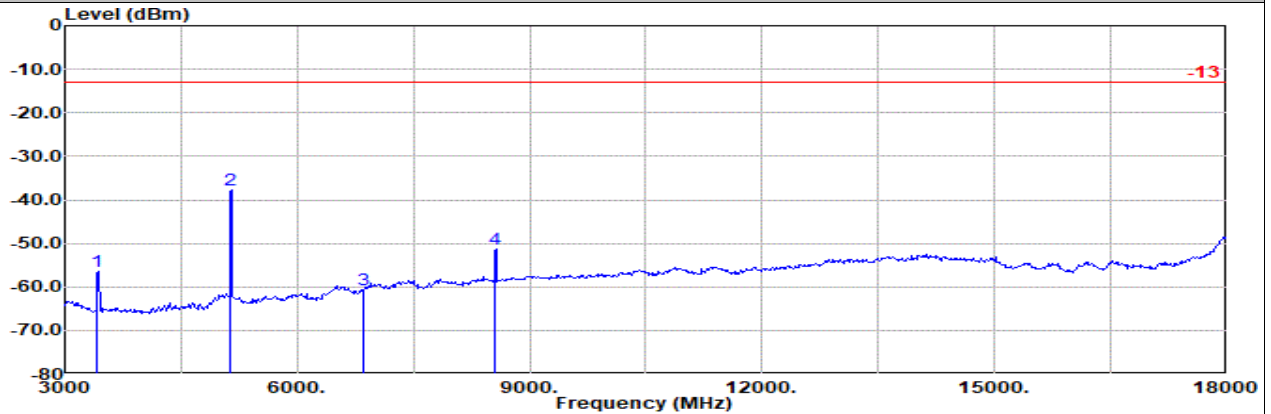


## Ant. 2

## Part 27L Mode 3

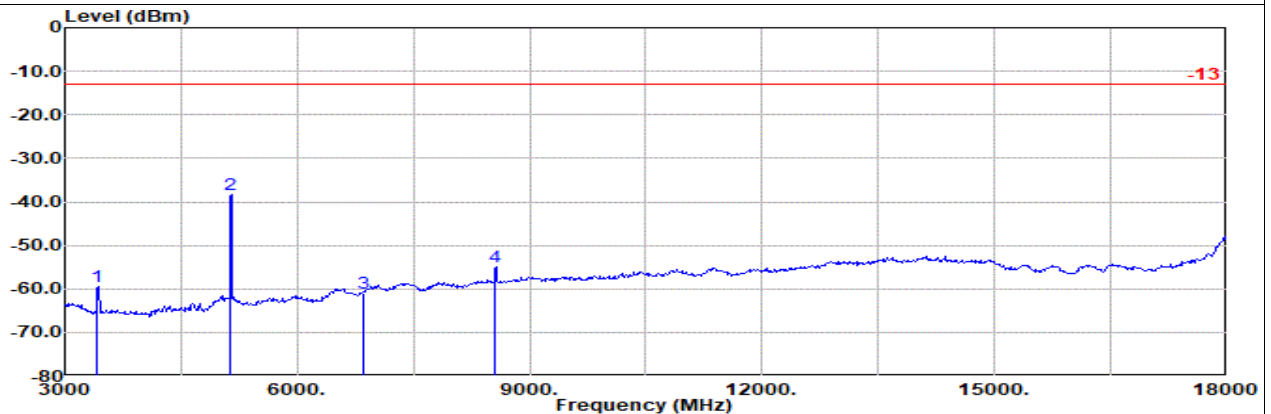
NR SA n66 20M Ch344000 1RB1 BPSK

L



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR SA n66 20M Ch344000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF      | Readin<br>g | Limit<br>dBm | Margin<br>dB | Pol        |
|---|-------------|--------------|----------|-------------------|--------|-------------|-------------|--------------|--------------|------------|
|   |             |              |          | Factor            | 1      |             |             |              |              |            |
| 1 | 3422.00     | -56.50       | RMS      | 29.66             | -57.98 | 1.05 -95.23 | 66.00       | -13.00       | -43.50       | Horizontal |
| 2 | 5133.00     | -37.75       | RMS      | 33.33             | -56.29 | 0.47 -95.23 | 79.97       | -13.00       | -24.75       | Horizontal |
| 3 | 6845.00     | -60.75       | RMS      | 36.10             | -53.79 | 0.34 -95.23 | 51.83       | -13.00       | -47.75       | Horizontal |
| 4 | 8556.00     | -51.45       | RMS      | 37.91             | -53.51 | 0.54 -95.23 | 58.84       | -13.00       | -38.45       | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR SA n66 20M Ch344000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF      | Readin<br>g | Limit<br>dBm | Margin<br>dB | Pol      |
|---|-------------|--------------|----------|-------------------|--------|-------------|-------------|--------------|--------------|----------|
|   |             |              |          | Factor            | 1      |             |             |              |              |          |
| 1 | 3422.00     | -59.47       | RMS      | 29.66             | -57.98 | 1.05 -95.23 | 63.03       | -13.00       | -46.47       | Vertical |
| 2 | 5133.00     | -38.44       | RMS      | 33.33             | -56.29 | 0.47 -95.23 | 79.28       | -13.00       | -25.44       | Vertical |
| 3 | 6845.00     | -60.96       | RMS      | 36.10             | -53.79 | 0.34 -95.23 | 51.62       | -13.00       | -47.96       | Vertical |
| 4 | 8556.00     | -54.92       | RMS      | 37.91             | -53.51 | 0.54 -95.23 | 55.37       | -13.00       | -41.92       | Vertical |

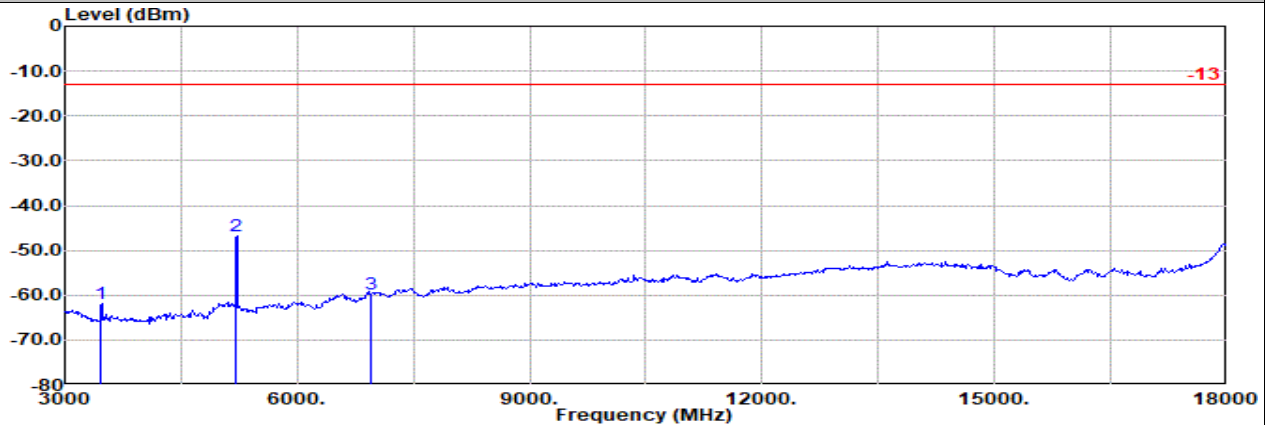


## Ant. 2

## Part 27L Mode 3

NR SA n66 20M Ch349000 1RB1 BPSK

M

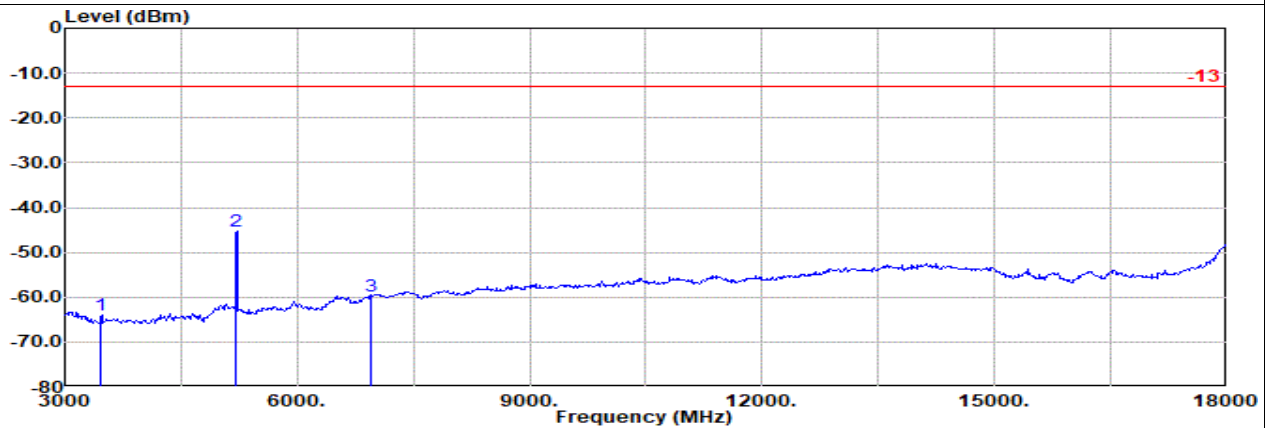


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR SA n66 20M Ch349000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF      | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|-------------------|--------|-------------|-------------|--------|--------|------------|
|   |             |              |          | Factor            | 1      |             |             |        |        |            |
|   |             |              |          |                   |        |             |             |        |        |            |
| 1 | 3472.00     | -62.02       | RMS      | 29.60             | -57.93 | 0.99 -95.23 | 60.55       | -13.00 | -49.02 | Horizontal |
| 2 | 5208.00     | -46.78       | RMS      | 33.28             | -56.09 | 0.47 -95.23 | 70.79       | -13.00 | -33.78 | Horizontal |
| 3 | 6945.00     | -59.66       | RMS      | 36.01             | -53.70 | 0.34 -95.23 | 52.92       | -13.00 | -46.66 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR SA n66 20M Ch349000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF      | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|-------------------|--------|-------------|-------------|--------|--------|----------|
|   |             |              |          | Factor            | 1      |             |             |        |        |          |
|   |             |              |          |                   |        |             |             |        |        |          |
| 1 | 3472.00     | -63.93       | RMS      | 29.60             | -57.93 | 0.99 -95.23 | 58.64       | -13.00 | -50.93 | Vertical |
| 2 | 5208.00     | -45.33       | RMS      | 33.28             | -56.09 | 0.47 -95.23 | 72.24       | -13.00 | -32.33 | Vertical |
| 3 | 6945.00     | -59.91       | RMS      | 36.01             | -53.70 | 0.34 -95.23 | 52.67       | -13.00 | -46.91 | Vertical |

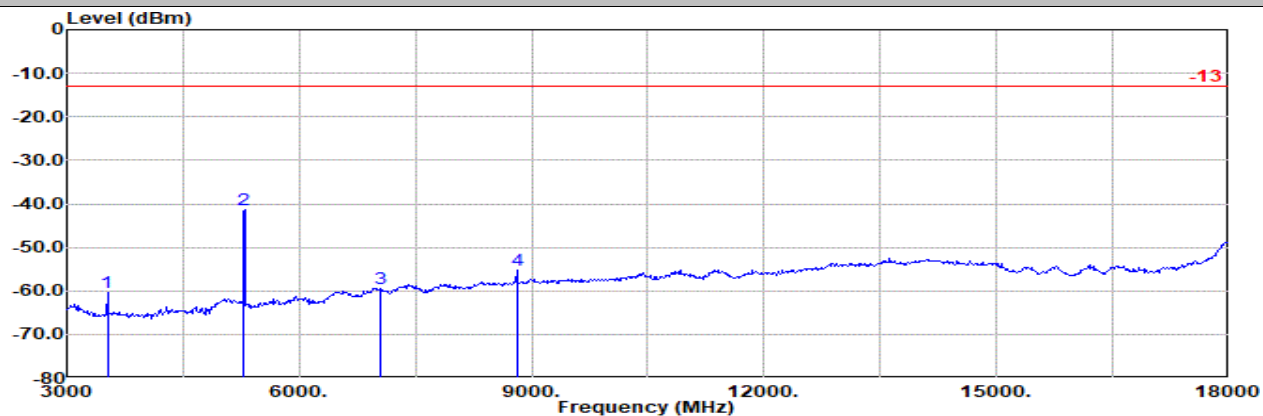


## Ant. 2

## Part 27L Mode 3

NR SA n66 20M Ch354000 1RB1 BPSK

H

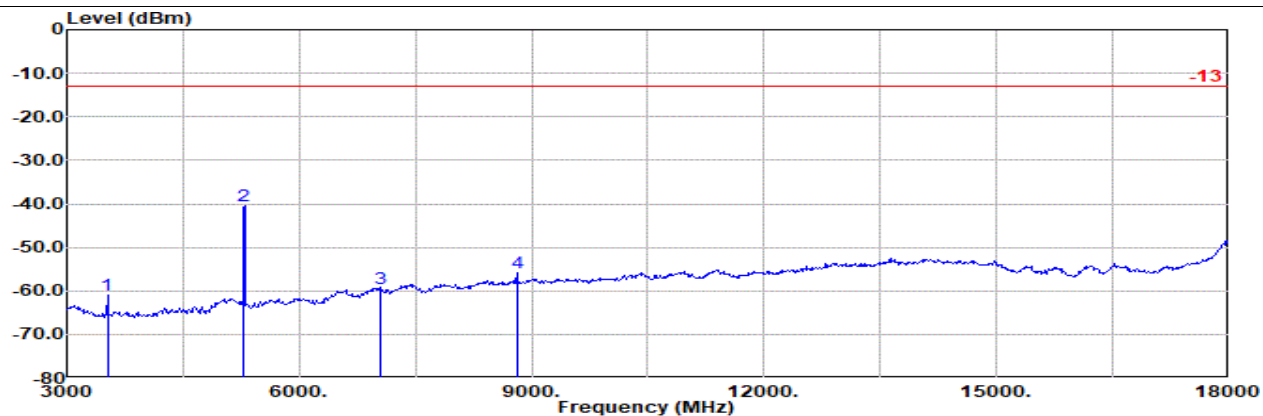


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR SA n66 20M Ch354000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol               |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-------------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                   |
| 1 | 3522.00     | -60.36       | RMS      | 29.60             | -57.91 | 0.94   | -95.23      | 62.24 | -13.00 | -47.36 Horizontal |
| 2 | 5283.00     | -41.32       | RMS      | 33.07             | -55.91 | 0.45   | -95.23      | 76.30 | -13.00 | -28.32 Horizontal |
| 3 | 7045.00     | -59.62       | RMS      | 36.28             | -53.62 | 0.34   | -95.23      | 52.61 | -13.00 | -46.62 Horizontal |
| 4 | 8806.00     | -55.29       | RMS      | 37.91             | -53.42 | 0.39   | -95.23      | 55.06 | -13.00 | -42.29 Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR SA n66 20M Ch354000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol             |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-----------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                 |
| 1 | 3522.00     | -60.95       | RMS      | 29.60             | -57.91 | 0.94   | -95.23      | 61.65 | -13.00 | -47.95 Vertical |
| 2 | 5283.00     | -40.52       | RMS      | 33.07             | -55.91 | 0.45   | -95.23      | 77.10 | -13.00 | -27.52 Vertical |
| 3 | 7045.00     | -59.62       | RMS      | 36.28             | -53.62 | 0.34   | -95.23      | 52.61 | -13.00 | -46.62 Vertical |
| 4 | 8806.00     | -55.73       | RMS      | 37.91             | -53.42 | 0.39   | -95.23      | 54.62 | -13.00 | -42.73 Vertical |

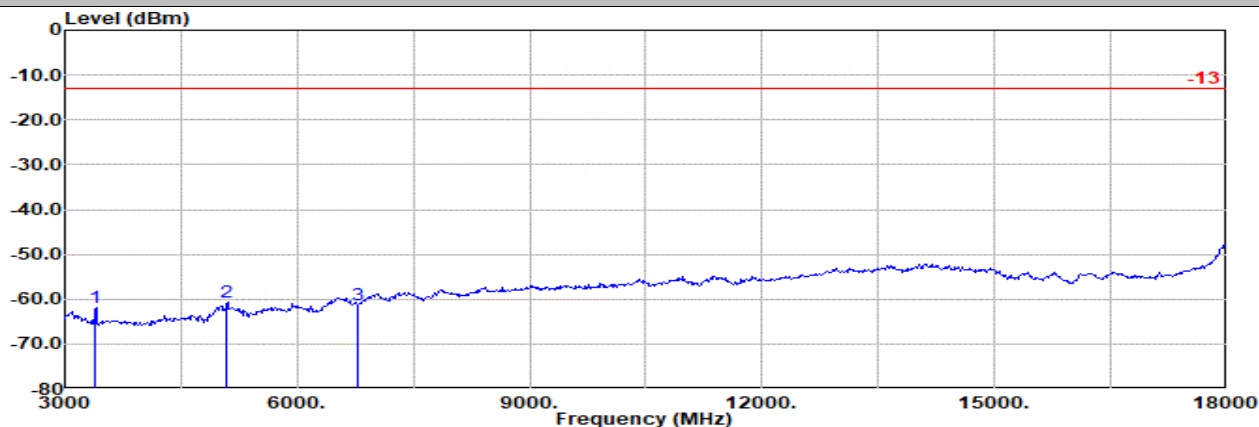


Ant. 0

Part 27L Mode 2

NR SA n70 10M Ch340000 1RB1 BPSK

L

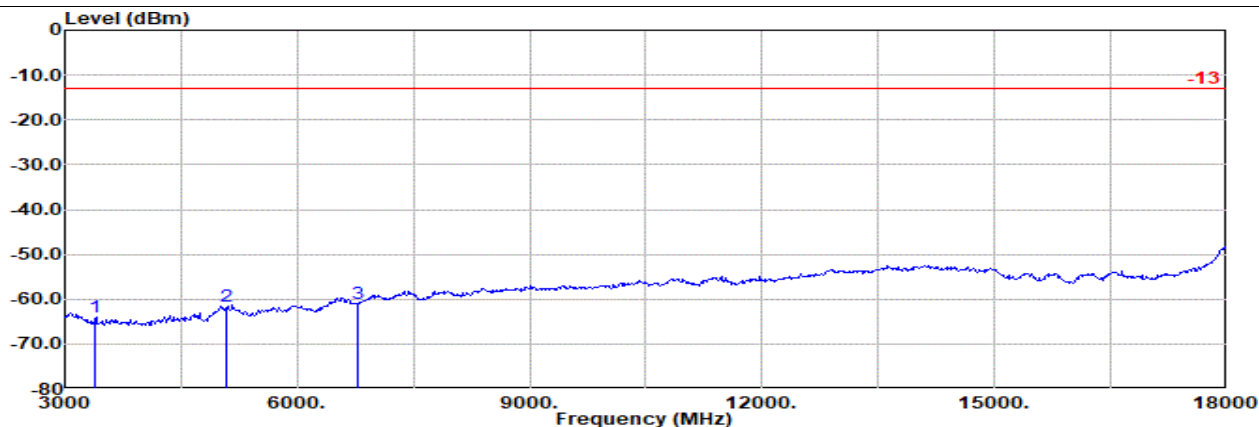


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR SA n70 10M Ch340000 1RB1 BPSK

|   | 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 | 3391.00 | -62.01 | RMS      | 29.72             | -58.01 | 1.08   | -95.23 | 60.43 | -13.00     | -49.01 Horizontal |
| 2 | 5087.00 | -60.77 | RMS      | 33.20             | -56.41 | 0.47   | -95.23 | 57.20 | -13.00     | -47.77 Horizontal |
| 3 | 6783.00 | -61.40 | RMS      | 36.10             | -53.82 | 0.34   | -95.23 | 51.21 | -13.00     | -48.40 Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR SA n70 10M Ch340000 1RB1 BPSK

|   | 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 | 3391.00 | -63.90 | RMS      | 29.72             | -58.01 | 1.08   | -95.23 | 58.54 | -13.00     | -50.90 Vertical |
| 2 | 5087.00 | -61.66 | RMS      | 33.20             | -56.41 | 0.47   | -95.23 | 56.31 | -13.00     | -48.66 Vertical |
| 3 | 6783.00 | -61.12 | RMS      | 36.10             | -53.82 | 0.34   | -95.23 | 51.49 | -13.00     | -48.12 Vertical |

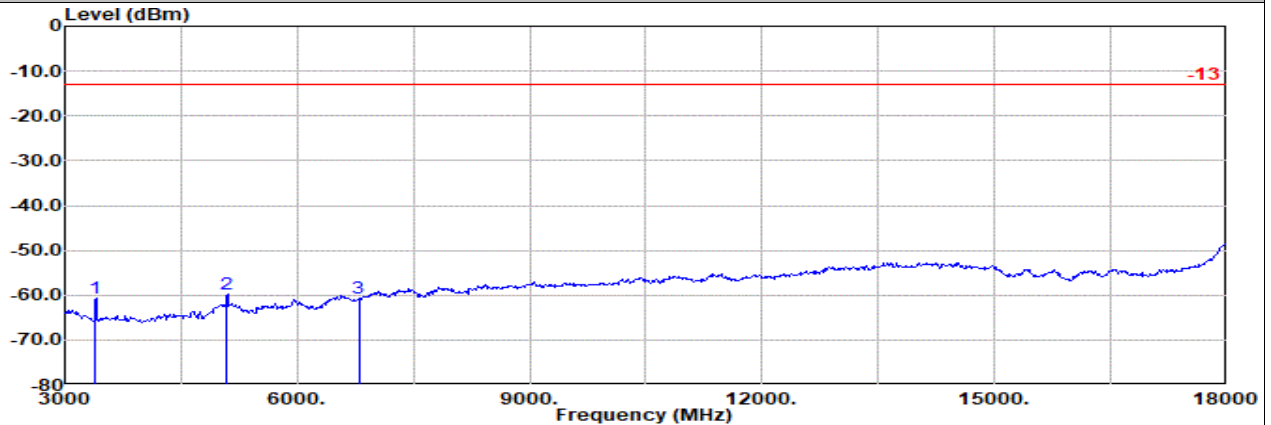


Ant. 0

## Part 27L Mode 2

NR SA n70 10M Ch340500 1RB1 BPSK

M

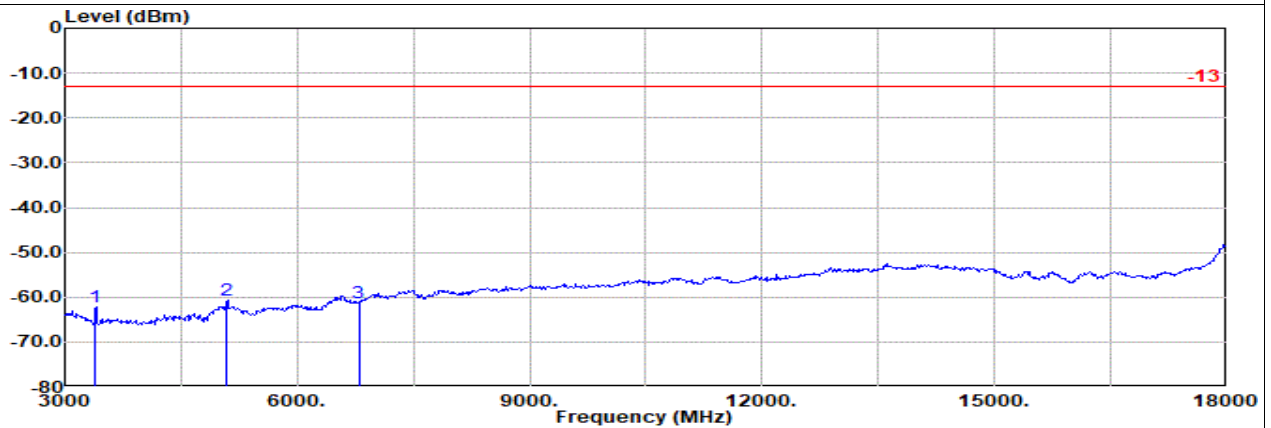


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR SA n70 10M Ch340500 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |       |        |      | Readin | Limit | Margin | Pol               |
|---|---------|--------|----------|-------------------|-------|--------|------|--------|-------|--------|-------------------|
|   |         |        |          | Factor            | 1     | EIRPCF |      | g      |       |        |                   |
|   | MHz     | dBm    |          |                   | dB/m  | dB     | dB   | dB     | dBm   | dB     |                   |
| 1 | 3396.00 | -60.56 | RMS      |                   | 29.71 | -58.00 | 1.07 | -95.23 | 61.89 | -13.00 | -47.56 Horizontal |
| 2 | 5094.00 | -59.91 | RMS      |                   | 33.20 | -56.39 | 0.47 | -95.23 | 58.04 | -13.00 | -46.91 Horizontal |
| 3 | 6793.00 | -60.76 | RMS      |                   | 36.10 | -53.83 | 0.34 | -95.23 | 51.86 | -13.00 | -47.76 Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR SA n70 10M Ch340500 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |       |        |      | Readin | Limit | Margin | Pol             |
|---|---------|--------|----------|-------------------|-------|--------|------|--------|-------|--------|-----------------|
|   |         |        |          | Factor            | 1     | EIRPCF |      | g      |       |        |                 |
|   | MHz     | dBm    |          |                   | dB/m  | dB     | dB   | dB     | dBm   | dB     |                 |
| 1 | 3396.00 | -62.32 | RMS      |                   | 29.71 | -58.00 | 1.07 | -95.23 | 60.13 | -13.00 | -49.32 Vertical |
| 2 | 5094.00 | -60.79 | RMS      |                   | 33.20 | -56.39 | 0.47 | -95.23 | 57.16 | -13.00 | -47.79 Vertical |
| 3 | 6793.00 | -61.35 | RMS      |                   | 36.10 | -53.83 | 0.34 | -95.23 | 51.27 | -13.00 | -48.35 Vertical |

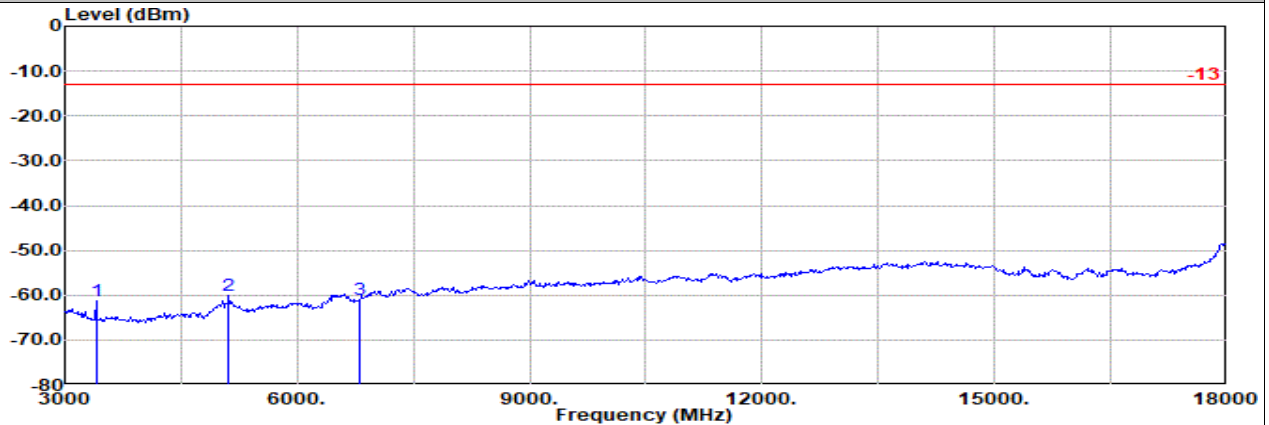


Ant. 0

Part 27L Mode 2

NR SA n70 10M Ch341000 1RB1 BPSK

H

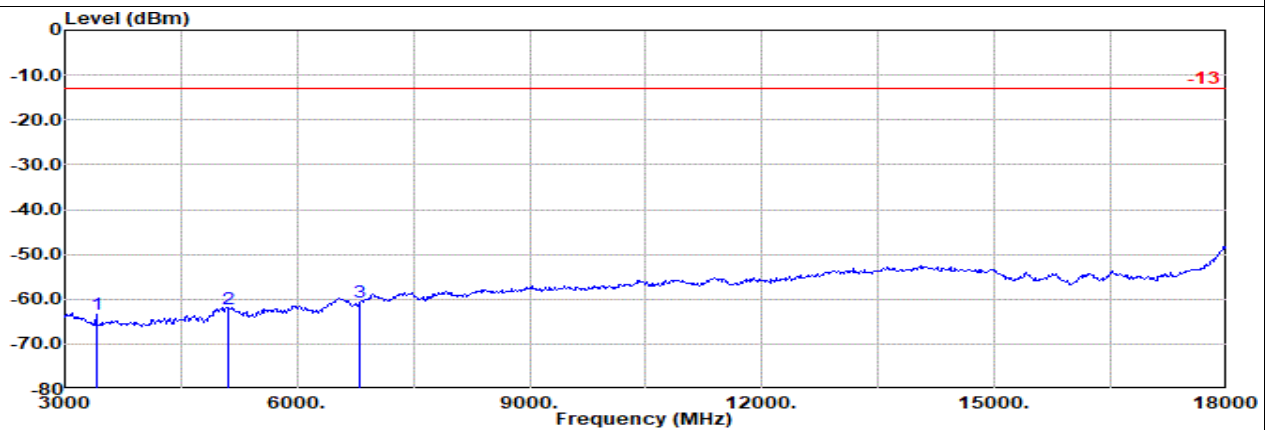


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR SA n70 10M Ch341000 1RB1 BPSK

|   | 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 | 3401.00 | -61.19 | RMS      | 29.70             | -58.00 | 1.07   | -95.23 | 61.27 | -13.00 | -48.19 Horizontal |
| 2 | 5102.00 | -60.08 | RMS      | 33.21             | -56.37 | 0.47   | -95.23 | 57.84 | -13.00 | -47.08 Horizontal |
| 3 | 6803.00 | -60.85 | RMS      | 36.10             | -53.82 | 0.34   | -95.23 | 51.76 | -13.00 | -47.85 Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR SA n70 10M Ch341000 1RB1 BPSK

|   | 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 | 3401.00 | -63.47 | RMS      | 29.70             | -58.00 | 1.07   | -95.23 | 58.99 | -13.00 | -50.47 Vertical |
| 2 | 5102.00 | -62.09 | RMS      | 33.21             | -56.37 | 0.47   | -95.23 | 55.83 | -13.00 | -49.09 Vertical |
| 3 | 6803.00 | -60.75 | RMS      | 36.10             | -53.82 | 0.34   | -95.23 | 51.86 | -13.00 | -47.75 Vertical |

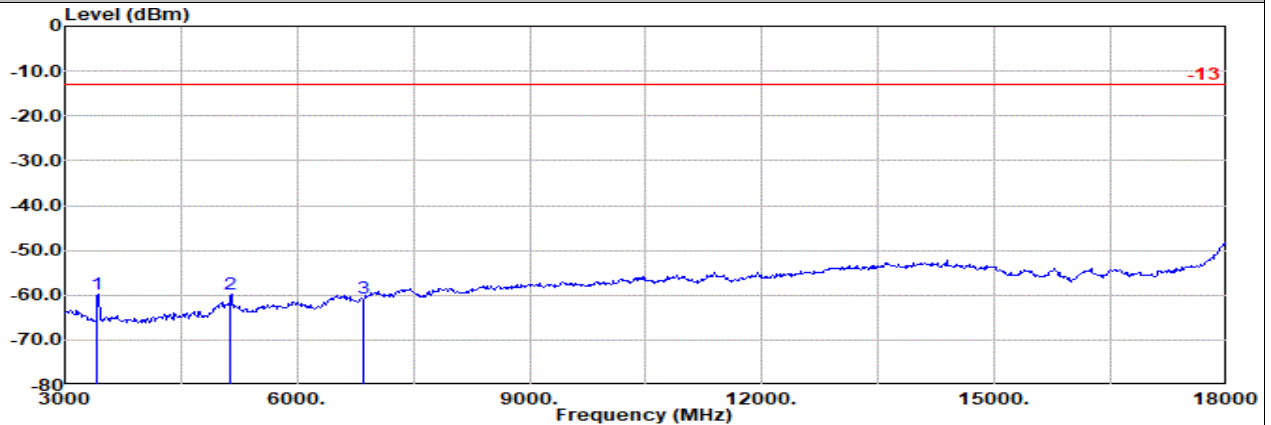


Ant. 0

Part 27L Mode 4

NR SA n66 20M Ch344000 1RB1 BPSK

L

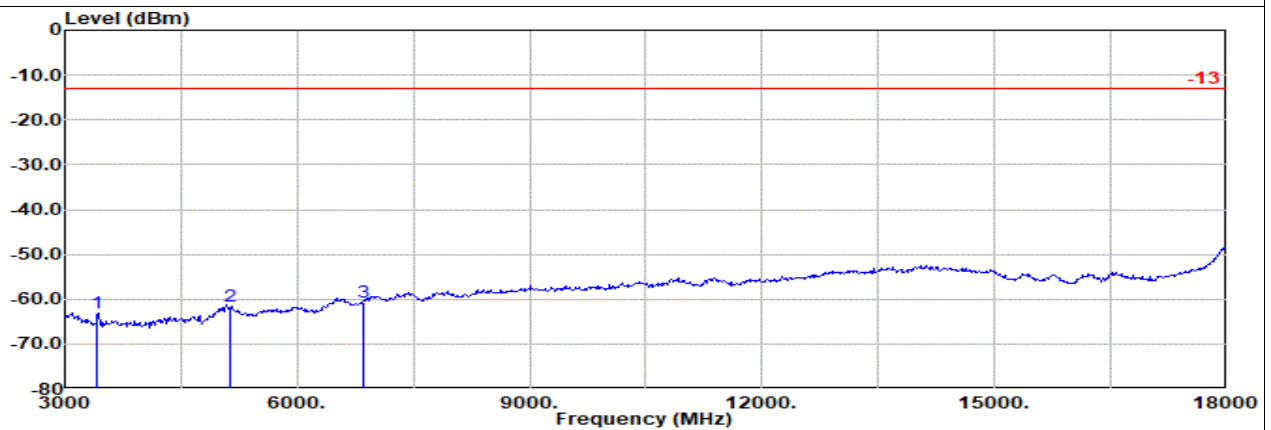


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR SA n66 20M Ch344000 1RB1 BPSK

|   | 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 | 3422.00 | -59.92 | RMS      | 29.66             | -57.98 | 1.05   | -95.23 | 62.58  | -13.00 | -46.92 | Horizontal |
| 2 | 5133.00 | -59.65 | RMS      | 33.33             | -56.29 | 0.47   | -95.23 | 58.07  | -13.00 | -46.65 | Horizontal |
| 3 | 6845.00 | -60.81 | RMS      | 36.10             | -53.79 | 0.34   | -95.23 | 51.77  | -13.00 | -47.81 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR SA n66 20M Ch344000 1RB1 BPSK

|   | 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 | 3422.00 | -63.04 | RMS      | 29.66             | -57.98 | 1.05   | -95.23 | 59.46  | -13.00 | -50.04 | Vertical |
| 2 | 5133.00 | -61.73 | RMS      | 33.33             | -56.29 | 0.47   | -95.23 | 55.99  | -13.00 | -48.73 | Vertical |
| 3 | 6845.00 | -60.61 | RMS      | 36.10             | -53.79 | 0.34   | -95.23 | 51.97  | -13.00 | -47.61 | Vertical |

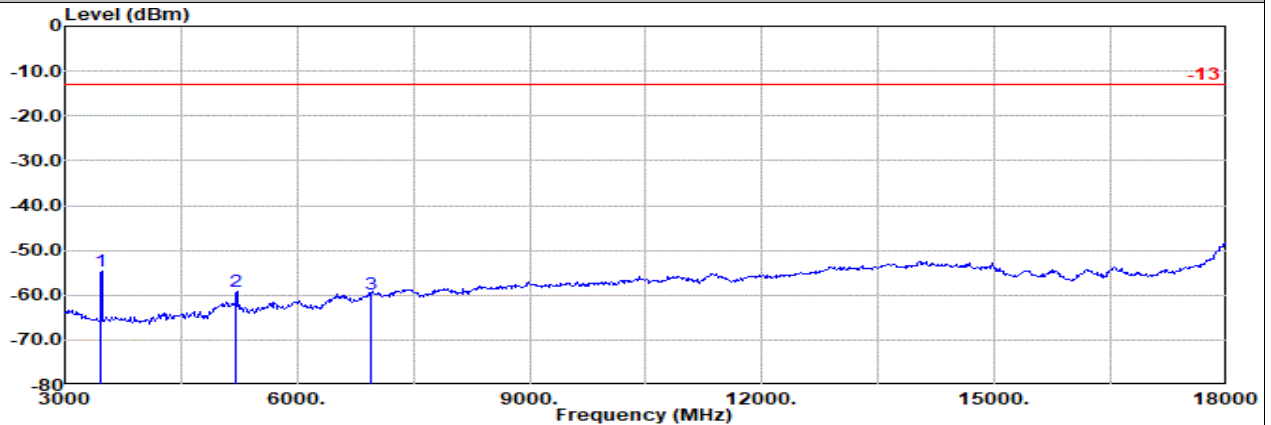


Ant. 0

Part 27L Mode 4

NR SA n66 20M Ch349000 1RB1 BPSK

M

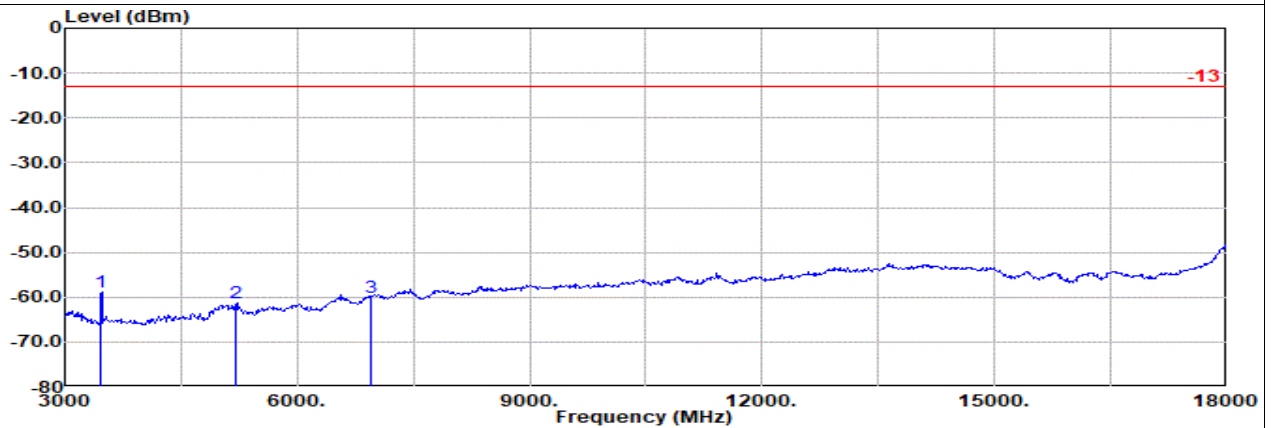


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR SA n66 20M Ch349000 1RB1 BPSK

|   | 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 | 3472.00 | -54.65 | RMS      | 29.60             | -57.93 | 0.99   | -95.23 | 67.92 | -13.00 | -41.65 Horizontal |
| 2 | 5208.00 | -59.24 | RMS      | 33.28             | -56.09 | 0.47   | -95.23 | 58.33 | -13.00 | -46.24 Horizontal |
| 3 | 6945.00 | -59.73 | RMS      | 36.01             | -53.70 | 0.34   | -95.23 | 52.85 | -13.00 | -46.73 Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR SA n66 20M Ch349000 1RB1 BPSK

|   | 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 | 3472.00 | -59.00 | RMS      | 29.60             | -57.93 | 0.99   | -95.23 | 63.57 | -13.00 | -46.00 Vertical |
| 2 | 5208.00 | -61.42 | RMS      | 33.28             | -56.09 | 0.47   | -95.23 | 56.15 | -13.00 | -48.42 Vertical |
| 3 | 6945.00 | -59.97 | RMS      | 36.01             | -53.70 | 0.34   | -95.23 | 52.61 | -13.00 | -46.97 Vertical |

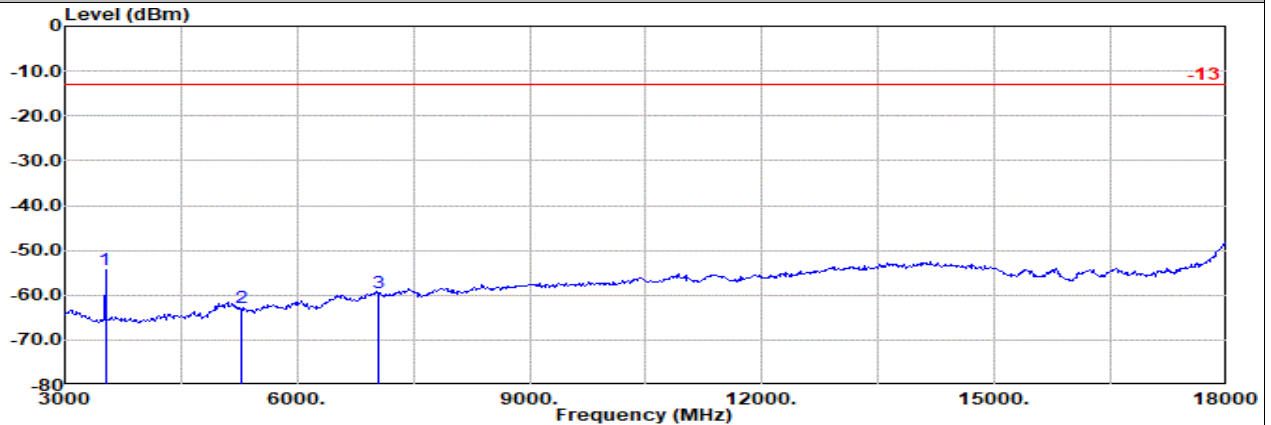


Ant. 0

Part 27L Mode 4

NR SA n66 20M Ch354000 1RB1 BPSK

H

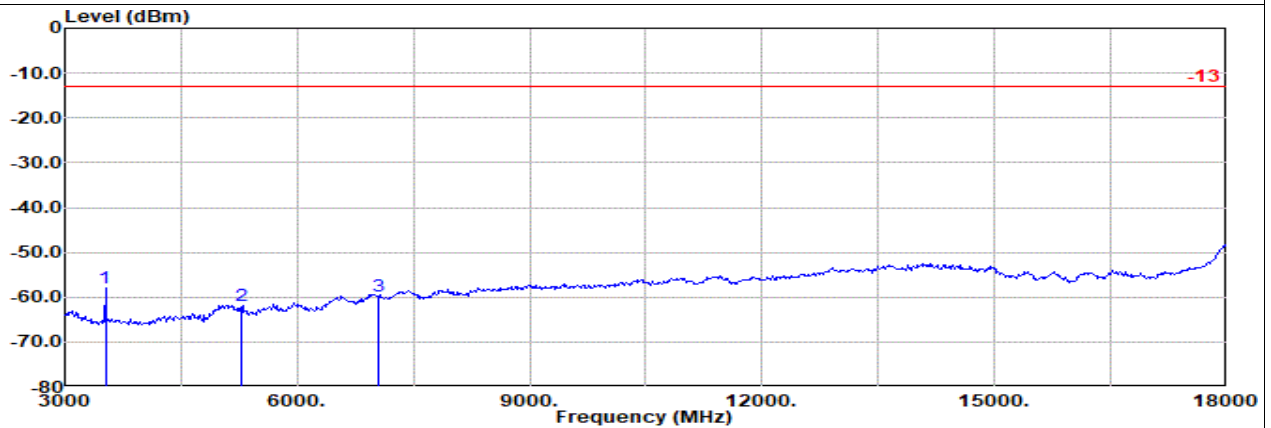


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR SA n66 20M Ch354000 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        |        |        | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|-------------------|--------|--------|--------|--------|--------|--------|------------|
|   |         |        |          | Factor            | 1      | EIRPCF |        | g      |        |        |            |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 3522.00 | -54.25 | RMS      | 29.60             | -57.91 | 0.94   | -95.23 | 68.35  | -13.00 | -41.25 | Horizontal |
| 2 | 5283.00 | -62.71 | RMS      | 33.07             | -55.91 | 0.45   | -95.23 | 54.91  | -13.00 | -49.71 | Horizontal |
| 3 | 7045.00 | -59.56 | RMS      | 36.28             | -53.62 | 0.34   | -95.23 | 52.67  | -13.00 | -46.56 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR SA n66 20M Ch354000 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Amp\Cb Filter |        |        |        | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|-------------------|--------|--------|--------|--------|--------|--------|----------|
|   |         |        |          | Factor            | 1      | EIRPCF |        | g      |        |        |          |
|   | MHz     | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 3522.00 | -57.98 | RMS      | 29.60             | -57.91 | 0.94   | -95.23 | 64.62  | -13.00 | -44.98 | Vertical |
| 2 | 5283.00 | -61.86 | RMS      | 33.07             | -55.91 | 0.45   | -95.23 | 55.76  | -13.00 | -48.86 | Vertical |
| 3 | 7045.00 | -59.69 | RMS      | 36.28             | -53.62 | 0.34   | -95.23 | 52.54  | -13.00 | -46.69 | Vertical |

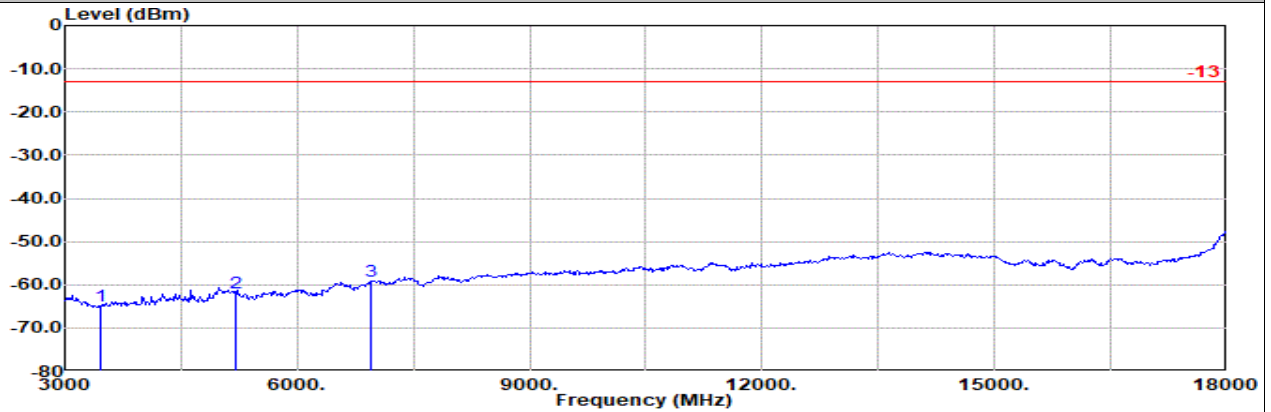


MIMO &lt; Ant. 1+2&gt;

## Part 27L Mode 5

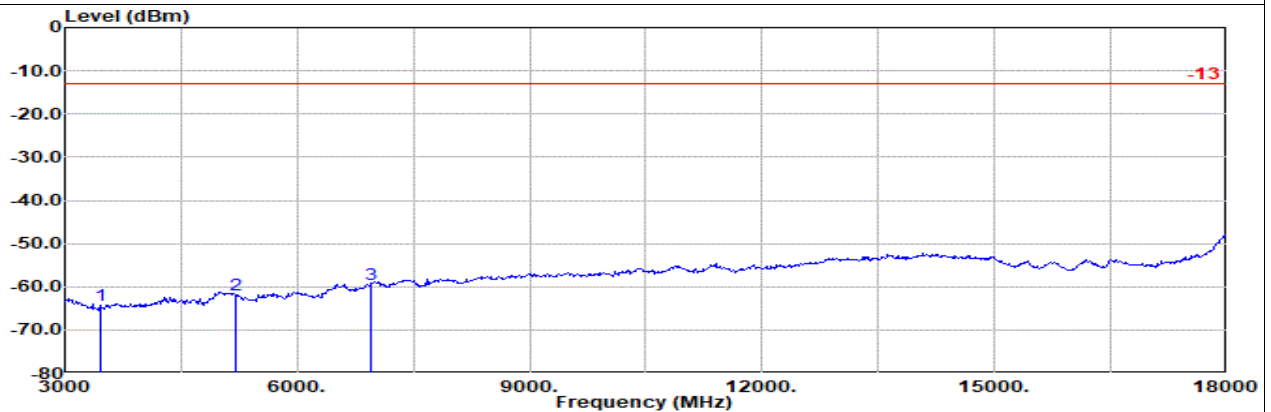
EN-DC B2+n66 10M + 20M Ch18900 1RB0 QPSK + Ch349000 1RB1 BPSK

M



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: LTE Band 2 10M Ch18900 1RB0 QPSK  
: NR SA n66 20M Ch349000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit<br>dBm | Margin<br>dB | Pol        |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------------|--------------|------------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |              |              |            |
|   |             |              |          |                   |        |        |        |             |              |              |            |
| 1 | 3472.00     | -64.76       | RMS      | 29.60             | -57.93 | 0.99   | -95.23 | 57.81       | -13.00       | -51.76       | Horizontal |
| 2 | 5208.00     | -61.95       | RMS      | 33.28             | -56.09 | 0.47   | -95.23 | 55.62       | -13.00       | -48.95       | Horizontal |
| 3 | 6945.00     | -59.17       | RMS      | 36.01             | -53.70 | 0.34   | -95.23 | 53.41       | -13.00       | -46.17       | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: LTE Band 2 10M Ch18900 1RB0 QPSK  
: NR SA n66 20M Ch349000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit<br>dBm | Margin<br>dB | Pol      |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------------|--------------|----------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |              |              |          |
|   |             |              |          |                   |        |        |        |             |              |              |          |
| 1 | 3472.00     | -64.33       | RMS      | 29.60             | -57.93 | 0.99   | -95.23 | 58.24       | -13.00       | -51.33       | Vertical |
| 2 | 5208.00     | -61.99       | RMS      | 33.28             | -56.09 | 0.47   | -95.23 | 55.58       | -13.00       | -48.99       | Vertical |
| 3 | 6945.00     | -59.56       | RMS      | 36.01             | -53.70 | 0.34   | -95.23 | 53.02       | -13.00       | -46.56       | Vertical |

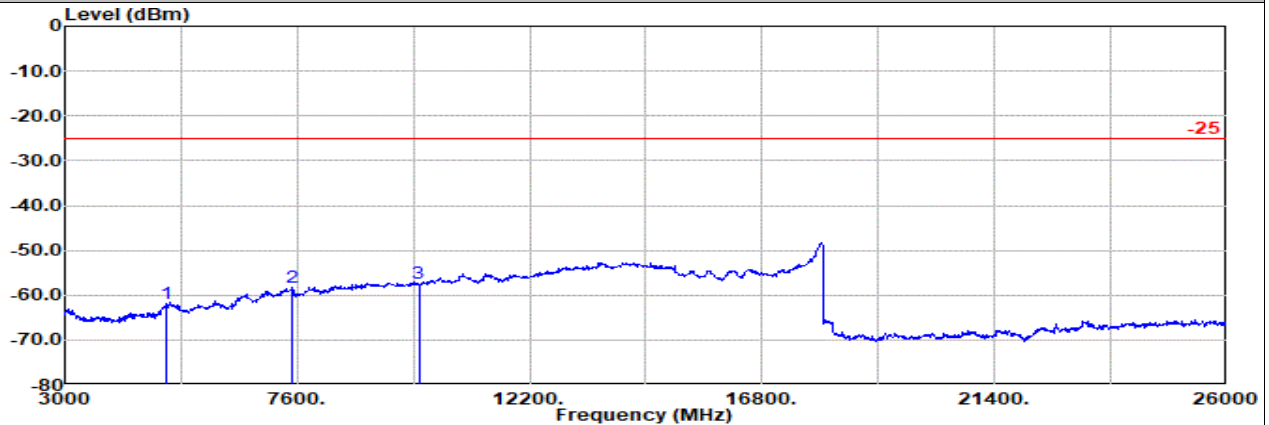


## Ant. 2

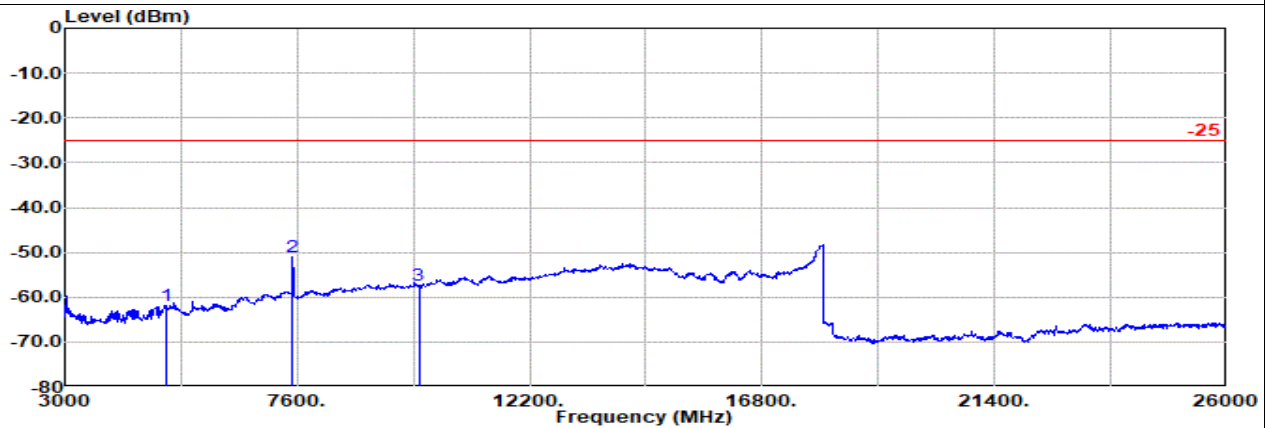
## Part 27M Mode 1

NR SA n7 20M Ch502000 1RB1 BPSK

L



|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|------------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |            |
|   |             |              |          |                   |        |        |        |             |        |        |            |
| 1 | 5002.00     | -61.83       | RMS      | 33.39             | -56.63 | 0.47   | -95.23 | 56.17       | -25.00 | -36.83 | Horizontal |
| 2 | 7503.00     | -58.26       | RMS      | 36.58             | -53.40 | 0.35   | -95.23 | 53.44       | -25.00 | -33.26 | Horizontal |
| 3 | 10005.00    | -57.27       | RMS      | 38.31             | -52.76 | 0.47   | -95.23 | 51.94       | -25.00 | -32.27 | Horizontal |



|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|----------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |          |
|   |             |              |          |                   |        |        |        |             |        |        |          |
| 1 | 5002.00     | -61.81       | RMS      | 33.39             | -56.63 | 0.47   | -95.23 | 56.19       | -25.00 | -36.81 | Vertical |
| 2 | 7503.00     | -51.07       | RMS      | 36.58             | -53.40 | 0.35   | -95.23 | 60.63       | -25.00 | -26.07 | Vertical |
| 3 | 10005.00    | -57.25       | RMS      | 38.31             | -52.76 | 0.47   | -95.23 | 51.96       | -25.00 | -32.25 | Vertical |

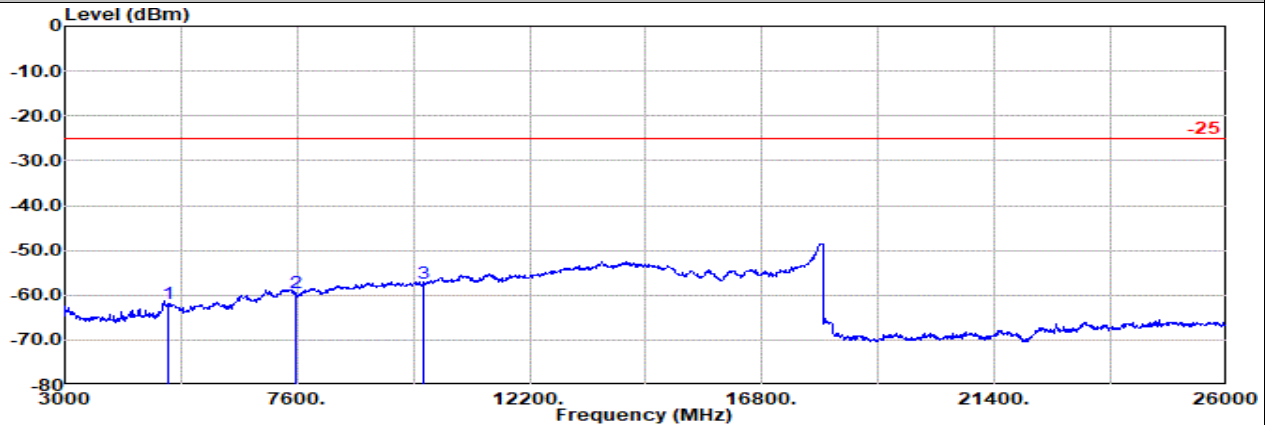


Ant. 2

## Part 27M Mode 1

NR SA n7 20M Ch507000 1RB1 BPSK

M

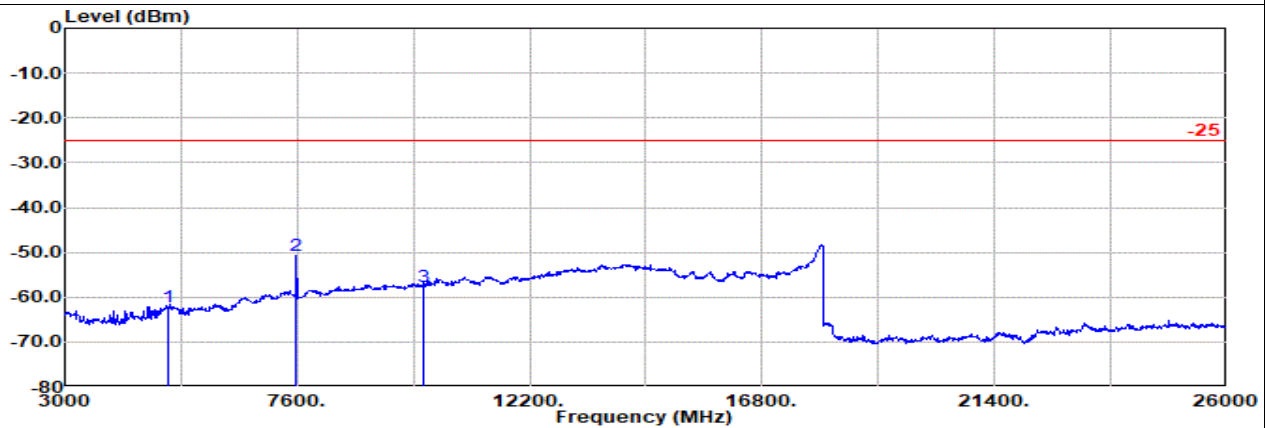


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Horizontal

: NR SA n7 20M Ch507000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol               |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-------------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                   |
|   |             |              |          |                   |        |        |             |       |        |                   |
| 1 | 5053.00     | -61.91       | RMS      | 33.20             | -56.50 | 0.47   | -95.23      | 56.15 | -25.00 | -36.91 Horizontal |
| 2 | 7579.00     | -59.59       | RMS      | 36.36             | -53.42 | 0.36   | -95.23      | 52.34 | -25.00 | -34.59 Horizontal |
| 3 | 10105.00    | -57.35       | RMS      | 38.51             | -52.64 | 0.47   | -95.23      | 51.54 | -25.00 | -32.35 Horizontal |



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Vertical

: NR SA n7 20M Ch507000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol             |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-----------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                 |
|   |             |              |          |                   |        |        |             |       |        |                 |
| 1 | 5053.00     | -62.30       | RMS      | 33.20             | -56.50 | 0.47   | -95.23      | 55.76 | -25.00 | -37.30 Vertical |
| 2 | 7579.00     | -50.63       | RMS      | 36.36             | -53.42 | 0.36   | -95.23      | 61.30 | -25.00 | -25.63 Vertical |
| 3 | 10105.00    | -57.53       | RMS      | 38.51             | -52.64 | 0.47   | -95.23      | 51.36 | -25.00 | -32.53 Vertical |

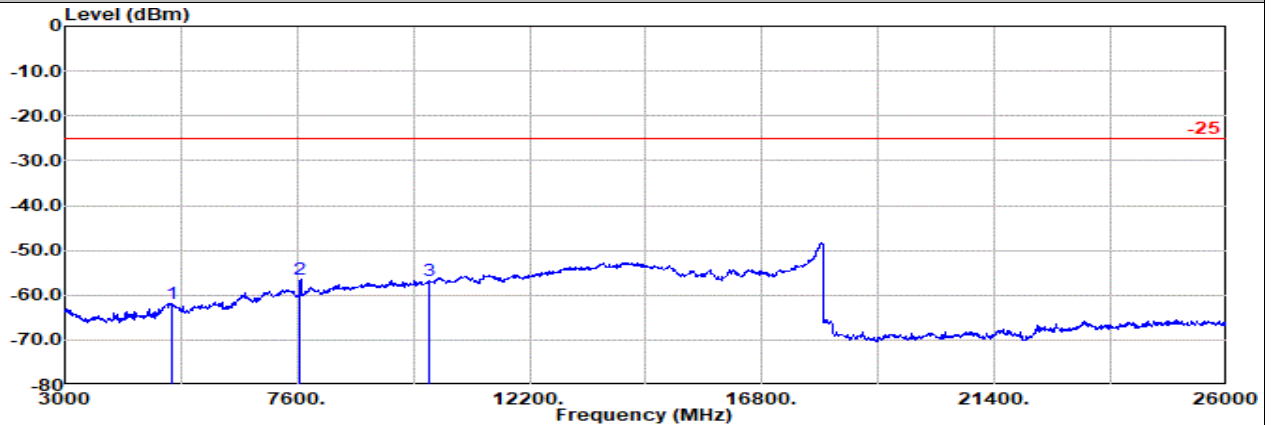


Ant. 2

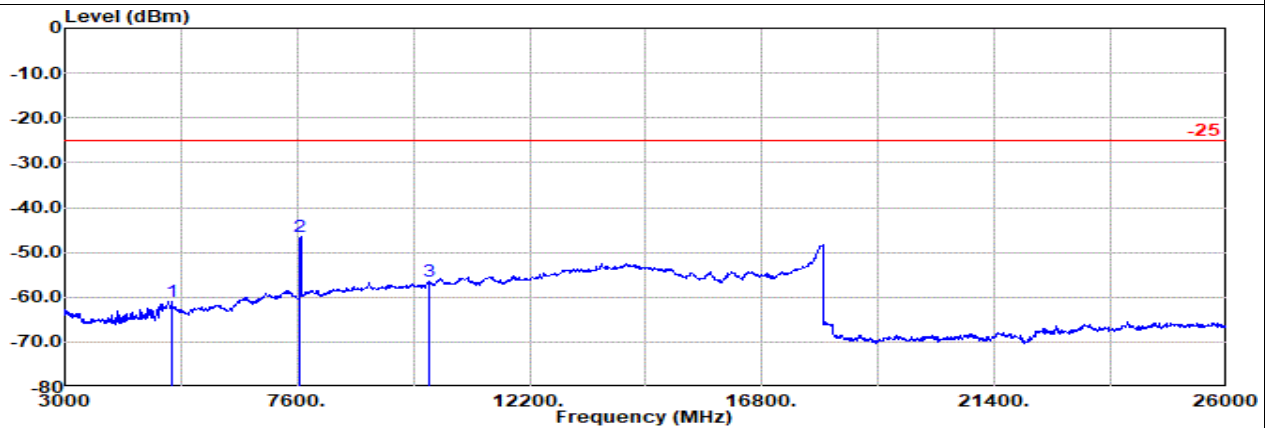
## Part 27M Mode 1

NR SA n7 20M Ch512000 1RB1 BPSK

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 | 5102.00  | -61.75 | RMS      | 33.21             | -56.37 | 0.47   | -95.23 | 56.17 | -25.00 | -36.75 Horizontal |
| 2 | 7654.00  | -56.52 | RMS      | 36.51             | -53.41 | 0.37   | -95.23 | 55.24 | -25.00 | -31.52 Horizontal |
| 3 | 10205.00 | -56.87 | RMS      | 38.80             | -52.52 | 0.46   | -95.23 | 51.62 | -25.00 | -31.87 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 | 5102.00  | -60.89 | RMS      | 33.21             | -56.37 | 0.47   | -95.23 | 57.03 | -25.00 | -35.89 Vertical |
| 2 | 7654.00  | -46.55 | RMS      | 36.51             | -53.41 | 0.37   | -95.23 | 65.21 | -25.00 | -21.55 Vertical |
| 3 | 10205.00 | -56.49 | RMS      | 38.80             | -52.52 | 0.46   | -95.23 | 52.00 | -25.00 | -31.49 Vertical |

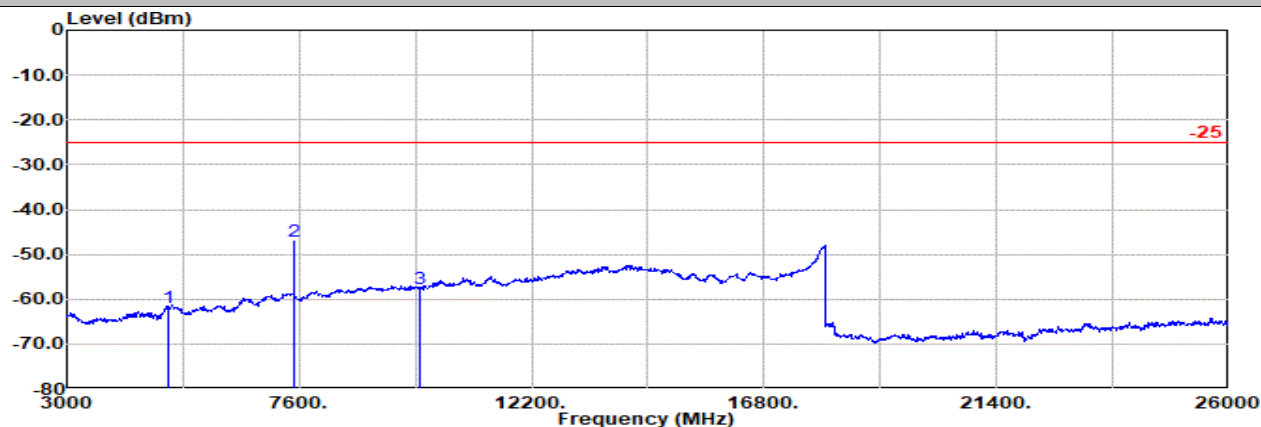


Ant. 2

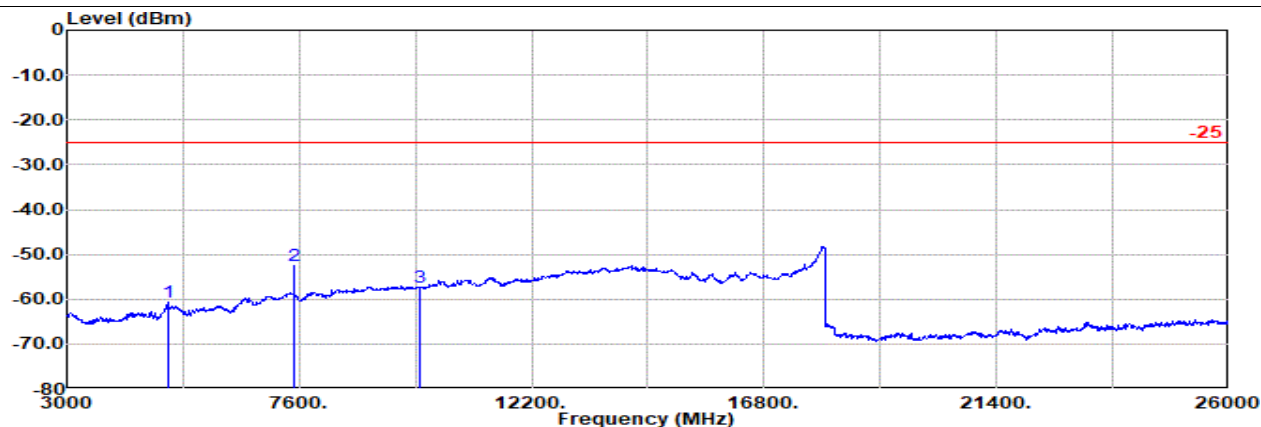
Part 27M Mode 3

NR SA n41 20M Ch501204 1RB1 BPSK

L



|   | 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 | 4994.00 | -61.83 | RMS      | 33.39             | -56.66 | 0.47   | -95.23 | 56.20  | -25.00 | -36.83 | Horizontal |
| 2 | 7491.00 | -47.23 | RMS      | 36.62             | -53.40 | 0.34   | -95.23 | 64.44  | -25.00 | -22.23 | Horizontal |
| 3 | 9989.00 | -57.61 | RMS      | 38.26             | -52.78 | 0.47   | -95.23 | 51.67  | -25.00 | -32.61 | Horizontal |



|   | 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 | 4994.00 | -60.74 | RMS      | 33.39             | -56.66 | 0.47   | -95.23 | 57.29  | -25.00 | -35.74 | Vertical |
| 2 | 7491.00 | -52.45 | RMS      | 36.62             | -53.40 | 0.34   | -95.23 | 59.22  | -25.00 | -27.45 | Vertical |
| 3 | 9989.00 | -57.44 | RMS      | 38.26             | -52.78 | 0.47   | -95.23 | 51.84  | -25.00 | -32.44 | Vertical |

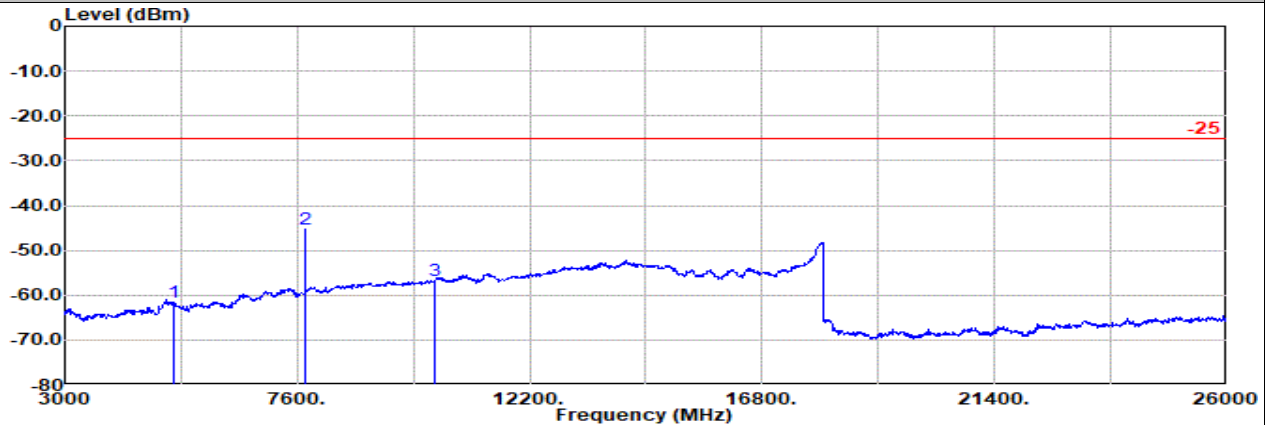


## Ant. 2

## Part 27M Mode 3

NR SA n41 20M Ch518598 1RB1 BPSK

M

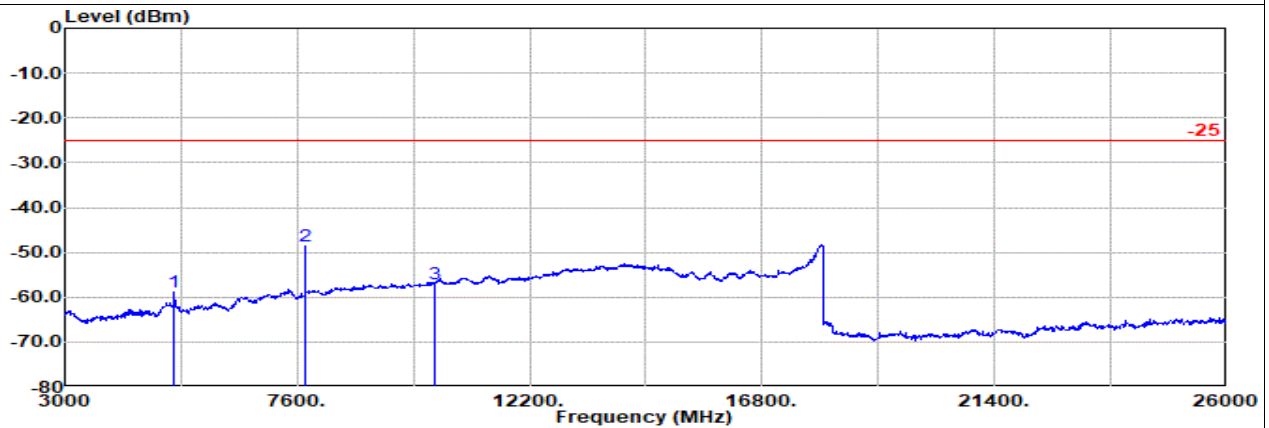


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Horizontal

: SA NR n41 20M Ch518598 1RB1 BPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb<br>1 | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol        |
|---|----------|--------|----------|------------|-------------|--------|--------|-------------|--------|--------|------------|
|   | MHz      | dBm    |          | dB/m       | dB          | dB     | dB     | dBuV        | dBm    | dB     |            |
| 1 | 5168.00  | -61.67 | RMS      | 33.36      | -56.20      | 0.47   | -95.23 | 55.93       | -25.00 | -36.67 | Horizontal |
| 2 | 7752.00  | -45.18 | RMS      | 36.81      | -53.39      | 0.40   | -95.23 | 66.23       | -25.00 | -20.18 | Horizontal |
| 3 | 10337.00 | -56.66 | RMS      | 38.70      | -52.35      | 0.46   | -95.23 | 51.76       | -25.00 | -31.66 | Horizontal |



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Vertical

: SA NR n41 20M Ch518598 1RB1 BPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb<br>l | Filter | EIRPCF | Reading | Limit  | Margin | Pol      |
|---|----------|--------|----------|------------|-------------|--------|--------|---------|--------|--------|----------|
|   | MHz      | dBm    |          | dB/m       | dB          | dB     | dB     | dBuV    | dBm    | dB     |          |
| 1 | 5168.00  | -58.88 | RMS      | 33.36      | -56.20      | 0.47   | -95.23 | 58.72   | -25.00 | -33.88 | Vertical |
| 2 | 7752.00  | -48.68 | RMS      | 36.81      | -53.39      | 0.40   | -95.23 | 62.73   | -25.00 | -23.68 | Vertical |
| 3 | 10337.00 | -56.95 | RMS      | 38.70      | -52.35      | 0.46   | -95.23 | 51.47   | -25.00 | -31.95 | Vertical |

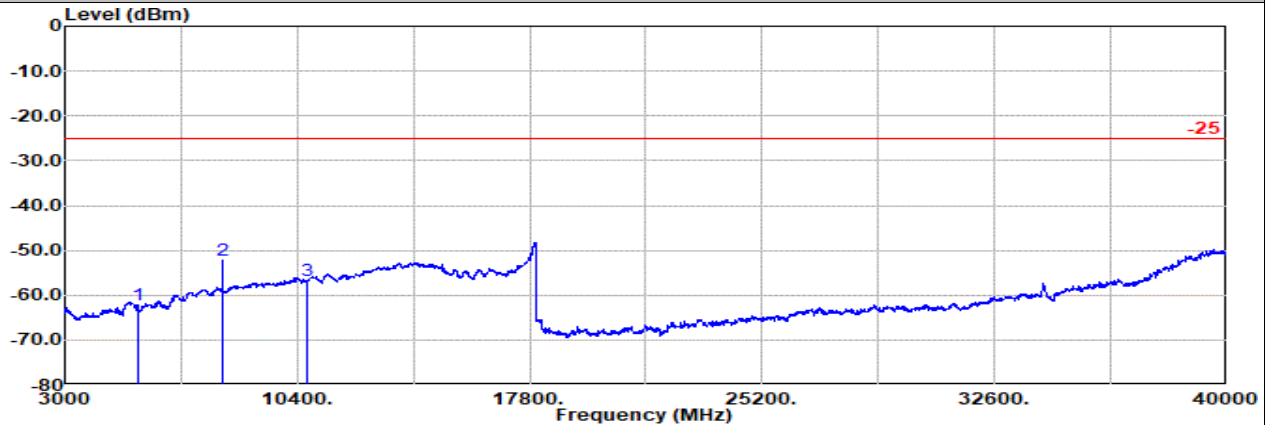


## Ant. 2

## Part 27M Mode 3

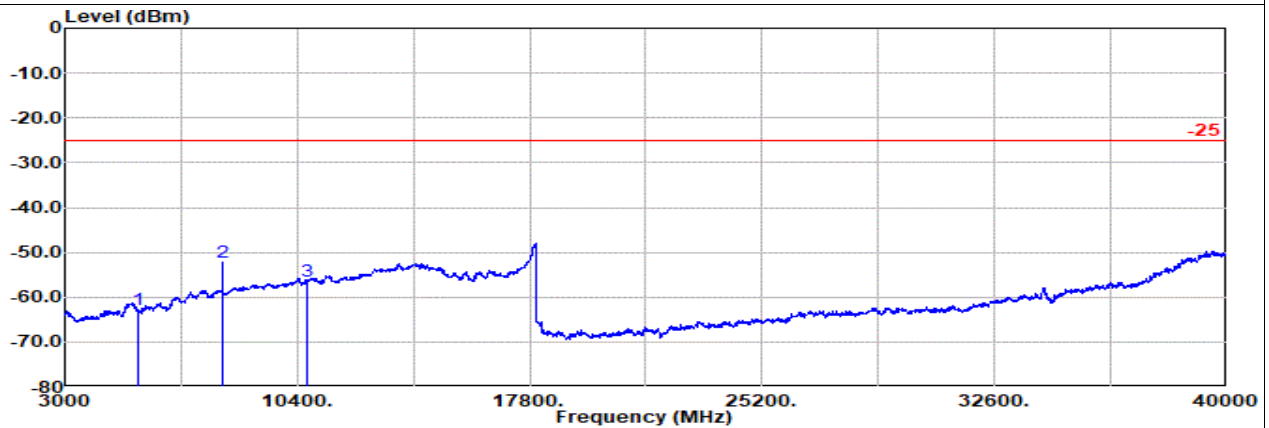
NR SA n41 20M Ch535998 1RB1 BPSK

H



Site : 03CH12-HY  
Condition: -25 3m 9120D-02114-240711 Horizontal  
: SA NR n41 20M Ch535998 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol               |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-------------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                   |
|   |             |              |          |                   |        |        |             |       |        |                   |
| 1 | 5342.00     | -62.10       | RMS      | 33.08             | -55.77 | 0.43   | -95.23      | 55.39 | -25.00 | -37.10 Horizontal |
| 2 | 8013.00     | -52.10       | RMS      | 37.20             | -53.53 | 0.42   | -95.23      | 59.04 | -25.00 | -27.10 Horizontal |
| 3 | 10685.00    | -56.90       | RMS      | 39.20             | -51.95 | 0.45   | -95.23      | 50.63 | -25.00 | -31.90 Horizontal |



Site : 03CH12-HY  
Condition: -25 3m 9120D-02114-240711 Vertical  
: SA NR n41 20M Ch535998 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol             |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-----------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                 |
|   |             |              |          |                   |        |        |             |       |        |                 |
| 1 | 5342.00     | -62.81       | RMS      | 33.08             | -55.77 | 0.43   | -95.23      | 54.68 | -25.00 | -37.81 Vertical |
| 2 | 8013.00     | -52.17       | RMS      | 37.20             | -53.53 | 0.42   | -95.23      | 58.97 | -25.00 | -27.17 Vertical |
| 3 | 10685.00    | -56.50       | RMS      | 39.20             | -51.95 | 0.45   | -95.23      | 51.03 | -25.00 | -31.50 Vertical |

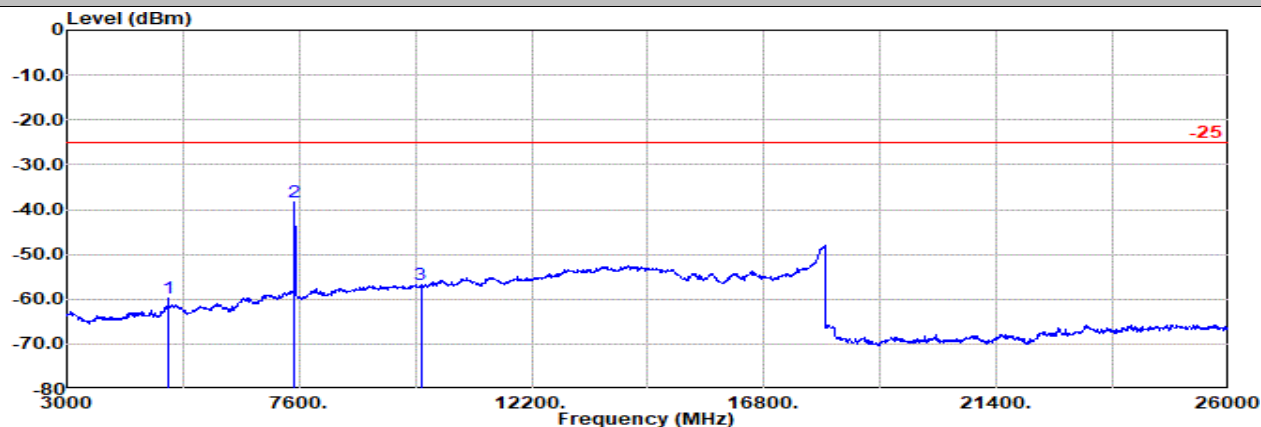


Ant. 0

Part 27M Mode 2

NR SA n7 20M Ch502000 1RB1 BPSK

L

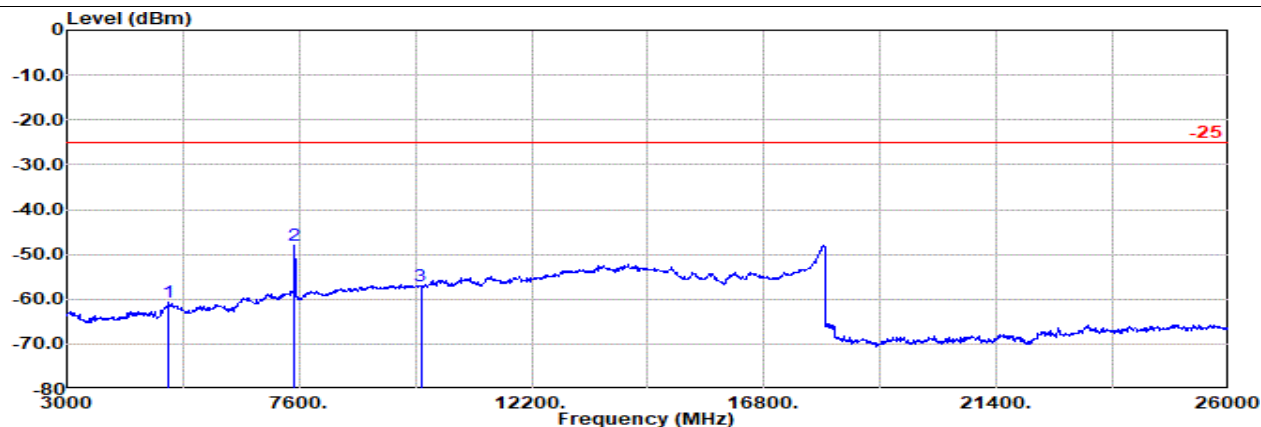


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Horizontal

: NR SA n7 20M Ch502000 1RB1 BPSK

|   | 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 | 5002.00  | -59.91 | RMS      | 33.39             | -56.63 | 0.47   | -95.23 | 58.09  | -25.00 | -34.91 | Horizontal |
| 2 | 7503.00  | -38.35 | RMS      | 36.58             | -53.40 | 0.35   | -95.23 | 73.35  | -25.00 | -13.35 | Horizontal |
| 3 | 10005.00 | -56.76 | RMS      | 38.31             | -52.76 | 0.47   | -95.23 | 52.45  | -25.00 | -31.76 | Horizontal |



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Vertical

: NR SA n7 20M Ch502000 1RB1 BPSK

|   | 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 | 5002.00  | -60.78 | RMS      | 33.39             | -56.63 | 0.47   | -95.23 | 57.22  | -25.00 | -35.78 | Vertical |
| 2 | 7503.00  | -48.02 | RMS      | 36.58             | -53.40 | 0.35   | -95.23 | 63.68  | -25.00 | -23.02 | Vertical |
| 3 | 10005.00 | -57.01 | RMS      | 38.31             | -52.76 | 0.47   | -95.23 | 52.20  | -25.00 | -32.01 | Vertical |

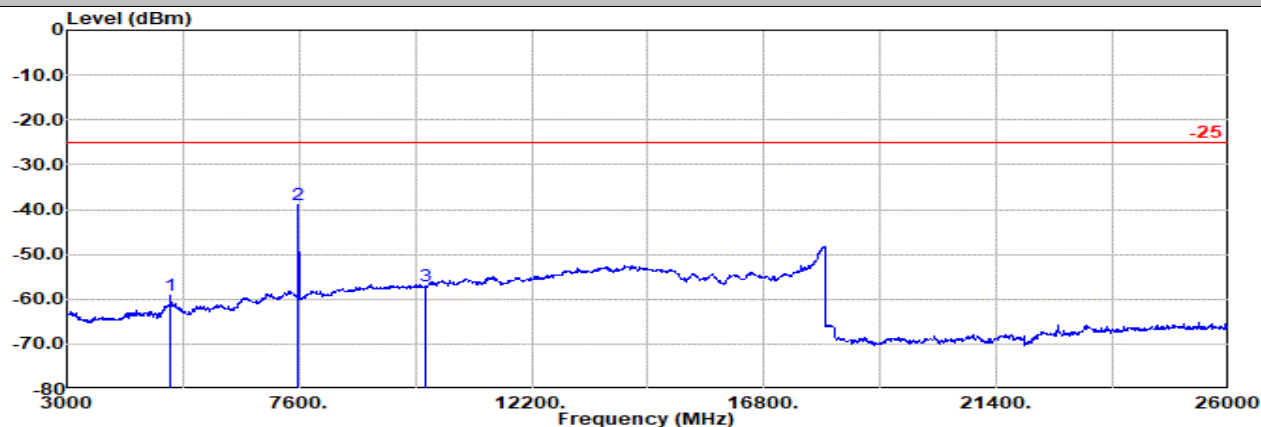


Ant. 0

## Part 27M Mode 2

NR SA n7 20M Ch507000 1RB1 BPSK

M

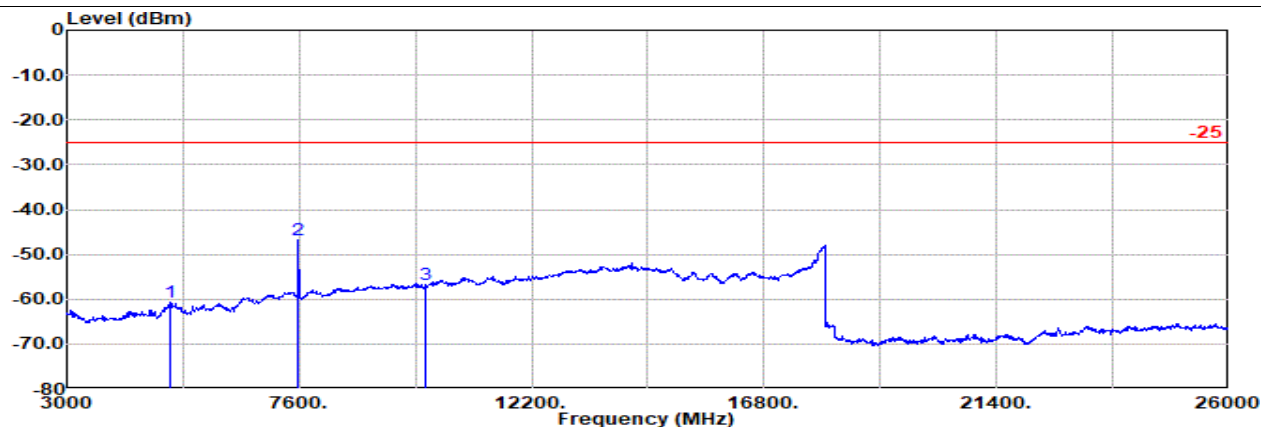


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Horizontal

: NR SA n7 20M Ch507000 1RB1 BPSK

|   | 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 | 5053.00  | -59.30 | RMS      | 33.20             | -56.50 | 0.47   | -95.23 | 58.76 | -25.00 | -34.30 |
| 2 | 7579.00  | -39.03 | RMS      | 36.36             | -53.42 | 0.36   | -95.23 | 72.90 | -25.00 | -14.03 |
| 3 | 10105.00 | -57.19 | RMS      | 38.51             | -52.64 | 0.47   | -95.23 | 51.70 | -25.00 | -32.19 |



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Vertical

: NR SA n7 20M Ch507000 1RB1 BPSK

|   | 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 | 5053.00  | -60.76 | RMS      | 33.20             | -56.50 | 0.47   | -95.23 | 57.30 | -25.00 | -35.76 |
| 2 | 7579.00  | -46.91 | RMS      | 36.36             | -53.42 | 0.36   | -95.23 | 65.02 | -25.00 | -21.91 |
| 3 | 10105.00 | -56.70 | RMS      | 38.51             | -52.64 | 0.47   | -95.23 | 52.19 | -25.00 | -31.70 |

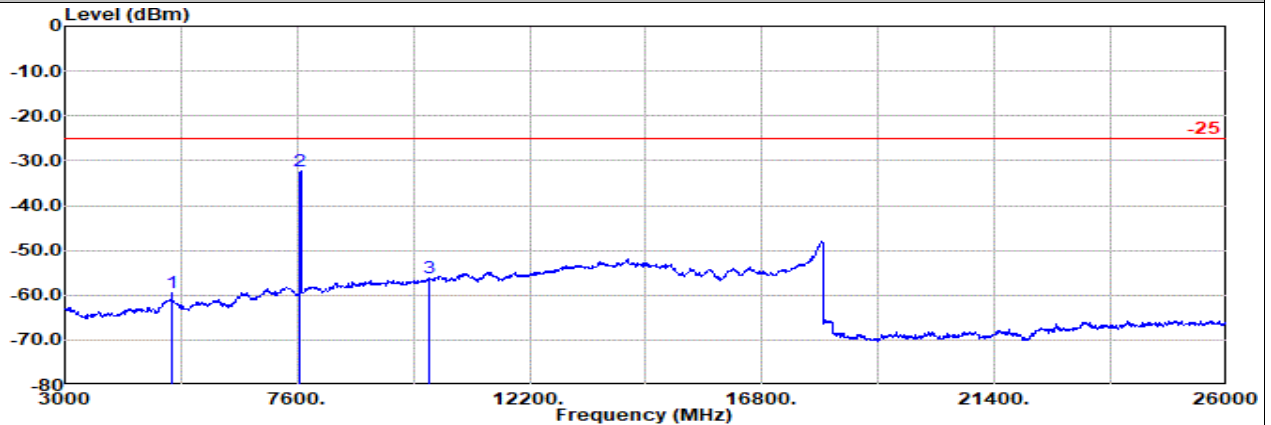


Ant. 0

## Part 27M Mode 2

NR SA n7 20M Ch512000 1RB1 BPSK

H

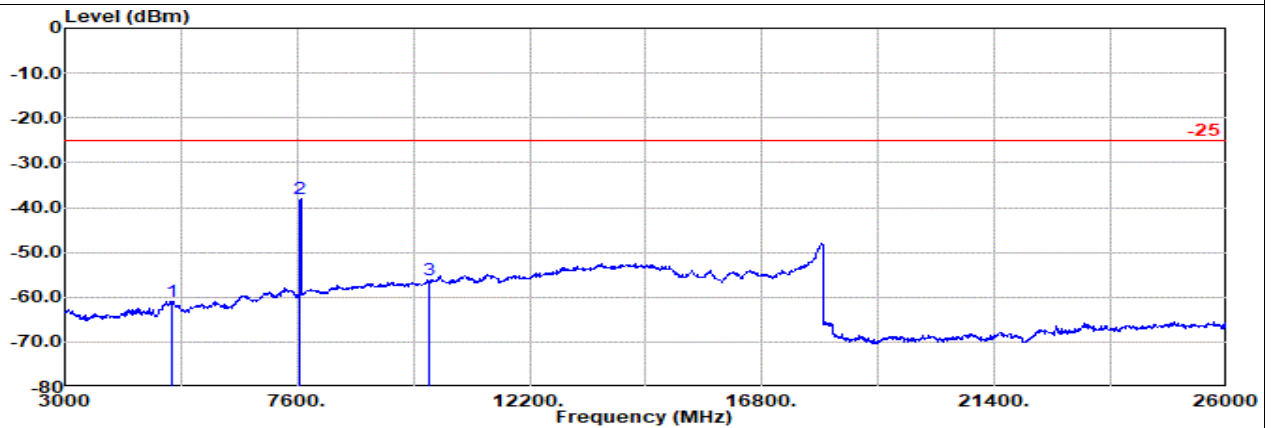


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Horizontal

: NR SA n7 20M Ch512000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol               |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-------------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                   |
|   |             |              |          |                   |        |        |             |       |        |                   |
| 1 | 5102.00     | -59.58       | RMS      | 33.21             | -56.37 | 0.47   | -95.23      | 58.34 | -25.00 | -34.58 Horizontal |
| 2 | 7654.00     | -32.35       | RMS      | 36.51             | -53.41 | 0.37   | -95.23      | 79.41 | -25.00 | -7.35 Horizontal  |
| 3 | 10205.00    | -56.11       | RMS      | 38.80             | -52.52 | 0.46   | -95.23      | 52.38 | -25.00 | -31.11 Horizontal |



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Vertical

: NR SA n7 20M Ch512000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol             |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-----------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                 |
|   |             |              |          |                   |        |        |             |       |        |                 |
| 1 | 5102.00     | -60.86       | RMS      | 33.21             | -56.37 | 0.47   | -95.23      | 57.06 | -25.00 | -35.86 Vertical |
| 2 | 7654.00     | -38.08       | RMS      | 36.51             | -53.41 | 0.37   | -95.23      | 73.68 | -25.00 | -13.08 Vertical |
| 3 | 10205.00    | -56.30       | RMS      | 38.80             | -52.52 | 0.46   | -95.23      | 52.19 | -25.00 | -31.30 Vertical |

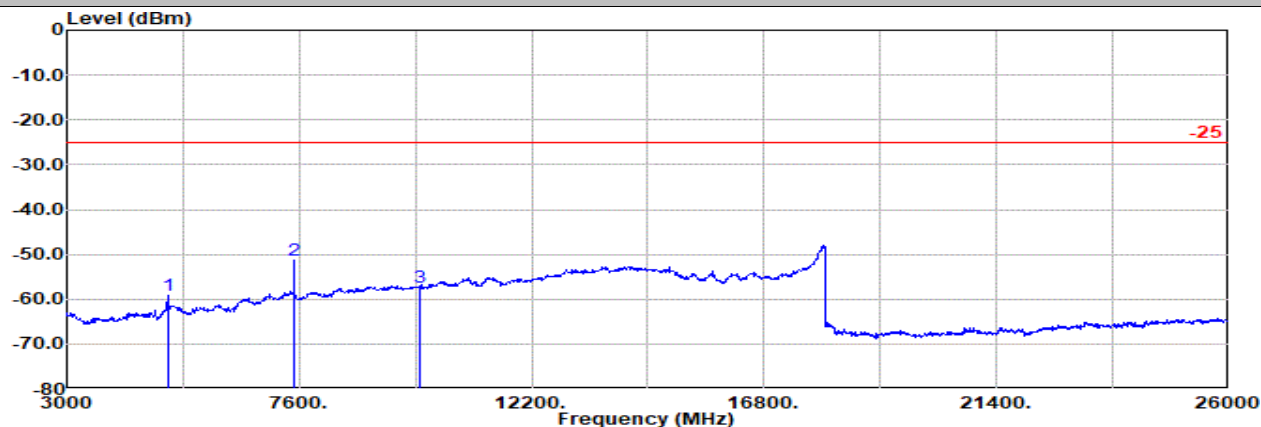


Ant. 0

Part 27M Mode 4

NR SA n41 20M Ch501204 1RB1 BPSK

L

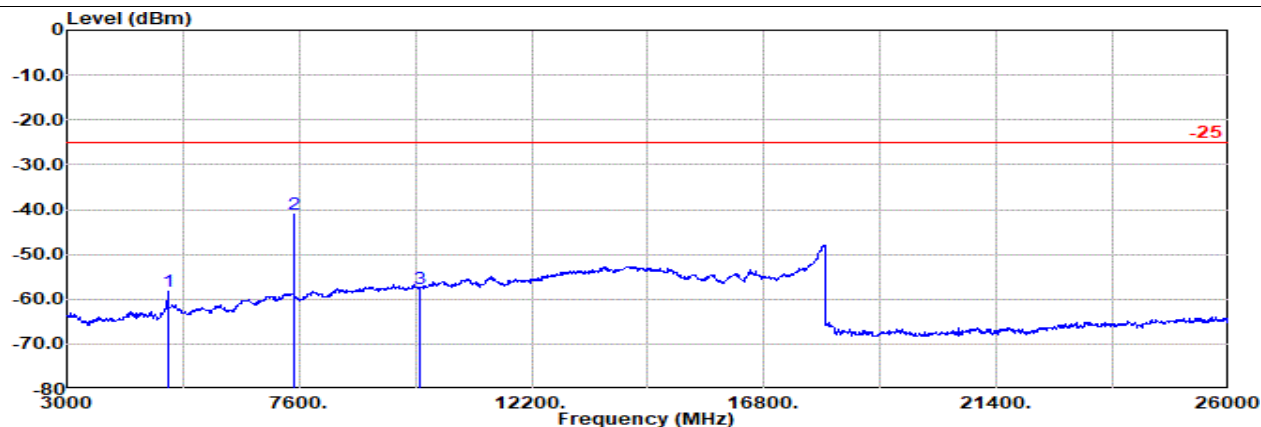


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Horizontal

: SA NR n41 20M Ch501204 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|------------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |            |
|   |             |              |          |                   |        |        |        |             |        |        |            |
| 1 | 4994.00     | -59.23       | RMS      | 33.39             | -56.66 | 0.47   | -95.23 | 58.80       | -25.00 | -34.23 | Horizontal |
| 2 | 7491.00     | -51.19       | RMS      | 36.62             | -53.40 | 0.34   | -95.23 | 60.48       | -25.00 | -26.19 | Horizontal |
| 3 | 9989.00     | -57.45       | RMS      | 38.26             | -52.78 | 0.47   | -95.23 | 51.83       | -25.00 | -32.45 | Horizontal |



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Vertical

: SA NR n41 20M Ch501204 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|----------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |          |
|   |             |              |          |                   |        |        |        |             |        |        |          |
| 1 | 4994.00     | -58.16       | RMS      | 33.39             | -56.66 | 0.47   | -95.23 | 59.87       | -25.00 | -33.16 | Vertical |
| 2 | 7491.00     | -41.18       | RMS      | 36.62             | -53.40 | 0.34   | -95.23 | 70.49       | -25.00 | -16.18 | Vertical |
| 3 | 9989.00     | -57.65       | RMS      | 38.26             | -52.78 | 0.47   | -95.23 | 51.63       | -25.00 | -32.65 | Vertical |

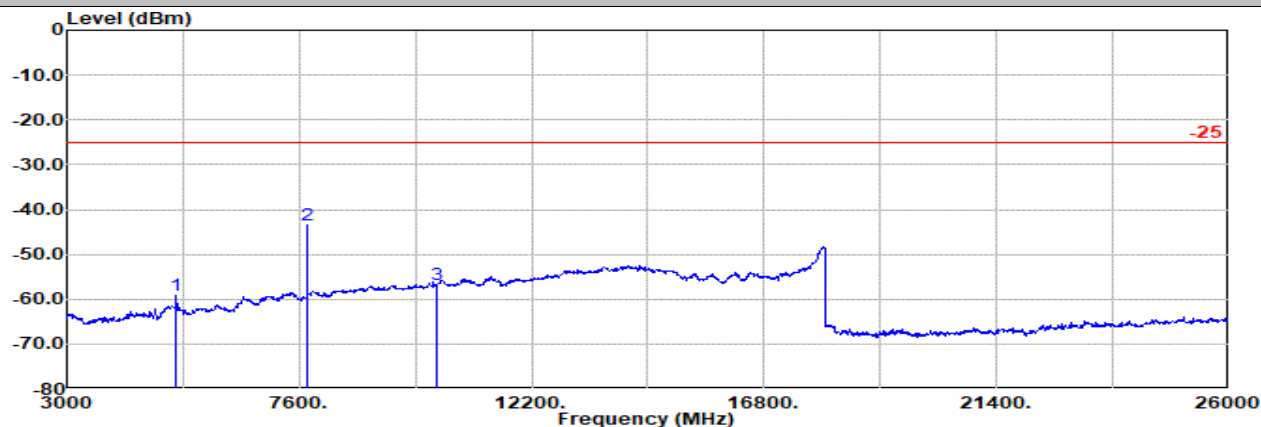


Ant. 0

## Part 27M Mode 4

NR SA n41 20M Ch518598 1RB1 BPSK

M

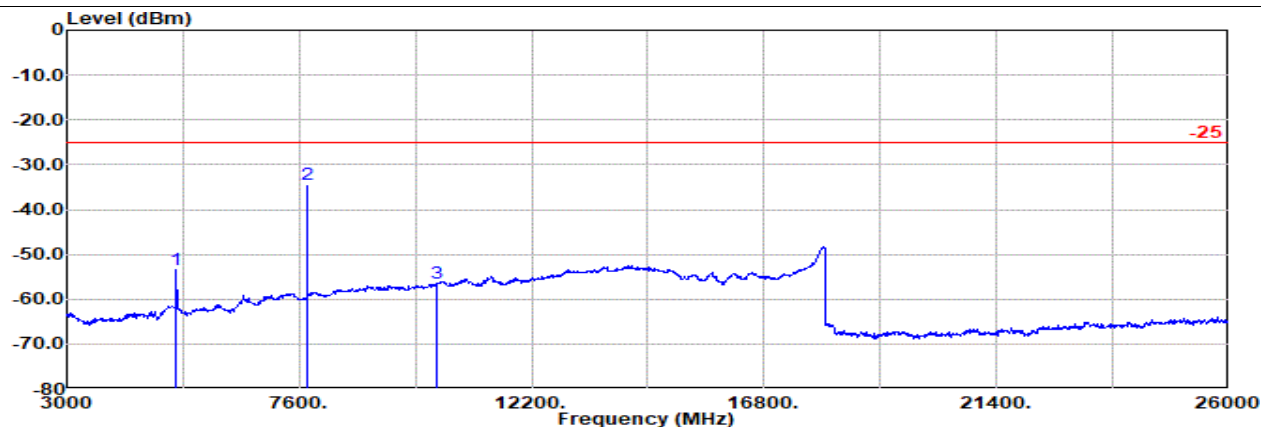


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Horizontal

: SA NR n41 20M Ch518598 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol               |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-------------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                   |
|   |             |              |          |                   |        |        |             |       |        |                   |
| 1 | 5168.00     | -59.24       | RMS      | 33.36             | -56.20 | 0.47   | -95.23      | 58.36 | -25.00 | -34.24 Horizontal |
| 2 | 7752.00     | -43.55       | RMS      | 36.81             | -53.39 | 0.40   | -95.23      | 67.86 | -25.00 | -18.55 Horizontal |
| 3 | 10337.00    | -56.63       | RMS      | 38.70             | -52.35 | 0.46   | -95.23      | 51.79 | -25.00 | -31.63 Horizontal |



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Vertical

: SA NR n41 20M Ch518598 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol             |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-----------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                 |
|   |             |              |          |                   |        |        |             |       |        |                 |
| 1 | 5168.00     | -53.39       | RMS      | 33.36             | -56.20 | 0.47   | -95.23      | 64.21 | -25.00 | -28.39 Vertical |
| 2 | 7752.00     | -34.38       | RMS      | 36.81             | -53.39 | 0.40   | -95.23      | 77.03 | -25.00 | -9.38 Vertical  |
| 3 | 10337.00    | -56.58       | RMS      | 38.70             | -52.35 | 0.46   | -95.23      | 51.84 | -25.00 | -31.58 Vertical |

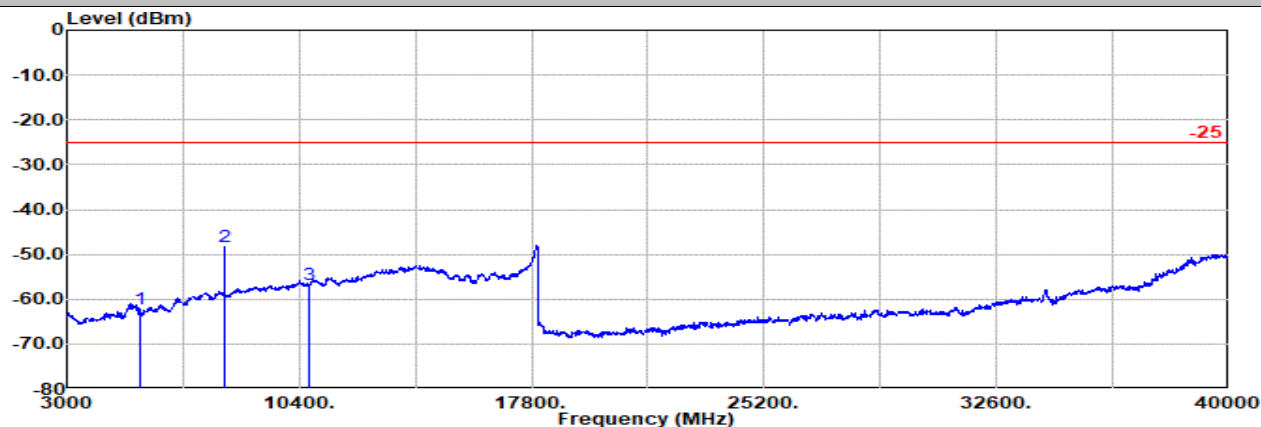


Ant. 0

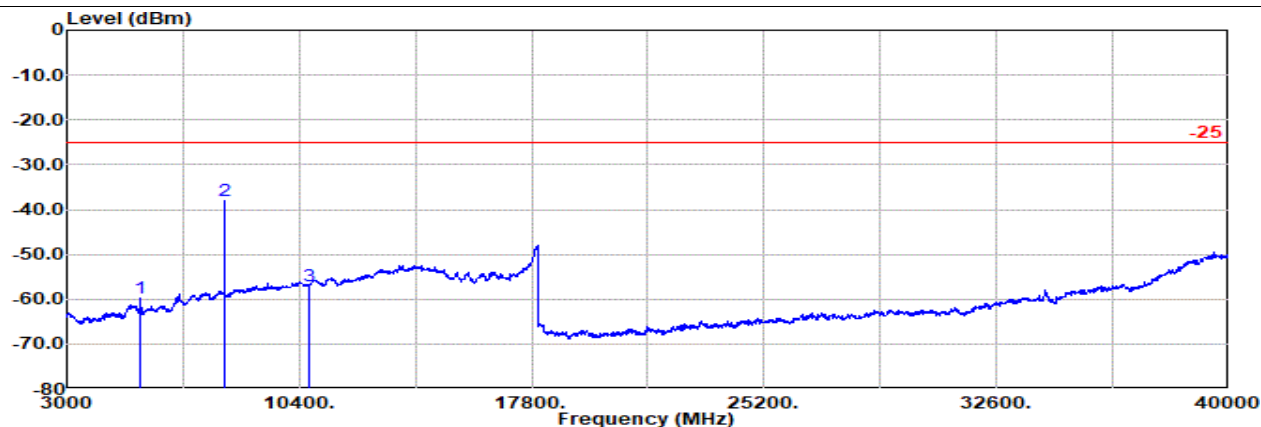
Part 27M Mode 4

NR SA n41 20M Ch535998 1RB1 BPSK

H



|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|----------|--------|----------|------------|--------|----------|--------|----------|--------|--------|------------|
|   | MHz      | dBm    |          |            |        | dB       | dB     | dBuV     | dBm    | dB     |            |
| 1 | 5342.00  | -62.32 | RMS      | 33.08      | -55.77 | 0.43     | -95.23 | 55.17    | -25.00 | -37.32 | Horizontal |
| 2 | 8013.00  | -48.16 | RMS      | 37.20      | -53.53 | 0.42     | -95.23 | 62.98    | -25.00 | -23.16 | Horizontal |
| 3 | 10685.00 | -56.73 | RMS      | 39.20      | -51.95 | 0.45     | -95.23 | 50.80    | -25.00 | -31.73 | Horizontal |



|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|---|----------|--------|----------|------------|--------|----------|--------|----------|--------|--------|----------|
|   | MHz      | dBm    |          |            |        | dB       | dB     | dBuV     | dBm    | dB     |          |
| 1 | 5342.00  | -59.70 | RMS      | 33.08      | -55.77 | 0.43     | -95.23 | 57.79    | -25.00 | -34.70 | Vertical |
| 2 | 8013.00  | -37.91 | RMS      | 37.20      | -53.53 | 0.42     | -95.23 | 73.23    | -25.00 | -12.91 | Vertical |
| 3 | 10685.00 | -56.97 | RMS      | 39.20      | -51.95 | 0.45     | -95.23 | 50.56    | -25.00 | -31.97 | Vertical |

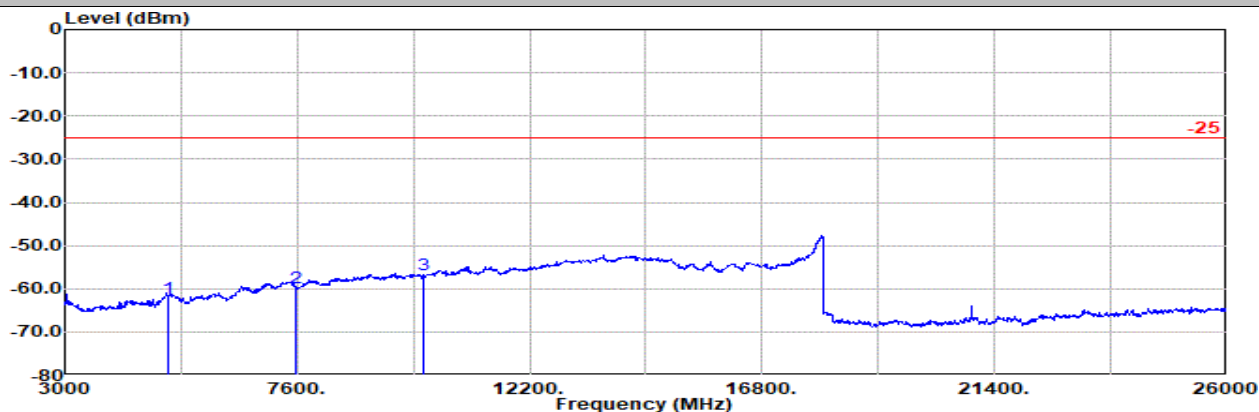


MIMO &lt; Ant. 1+0 &gt;

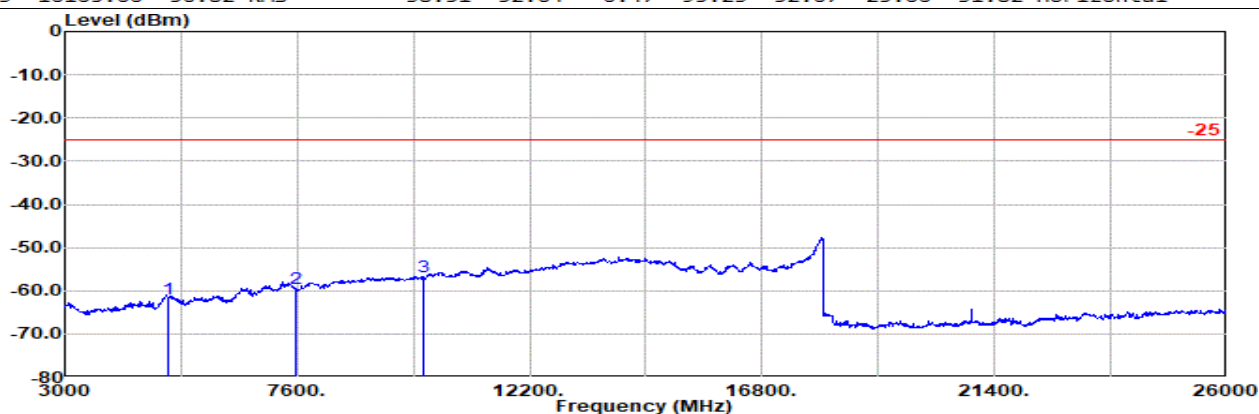
## Part 27M Mode 5

EN-DC B2+n7 10M + 20M Ch18900 1RB0 QPSK + Ch507000 1RB1 BPSK

M



|   | 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 | 5053.00  | -62.07 | RMS      | 33.20             | -56.50 | 0.47   | -95.23 | 55.99  | -25.00 | -37.07 | Horizontal |
| 2 | 7579.00  | -59.88 | RMS      | 36.36             | -53.42 | 0.36   | -95.23 | 52.05  | -25.00 | -34.88 | Horizontal |
| 3 | 10105.00 | -56.82 | RMS      | 38.51             | -52.64 | 0.47   | -95.23 | 52.07  | -25.00 | -31.82 | Horizontal |



|   | 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 | 5053.00  | -61.92 | RMS      | 33.20             | -56.50 | 0.47   | -95.23 | 56.14  | -25.00 | -36.92 | Vertical |
| 2 | 7579.00  | -59.50 | RMS      | 36.36             | -53.42 | 0.36   | -95.23 | 52.43  | -25.00 | -34.50 | Vertical |
| 3 | 10105.00 | -56.87 | RMS      | 38.51             | -52.64 | 0.47   | -95.23 | 52.02  | -25.00 | -31.87 | Vertical |

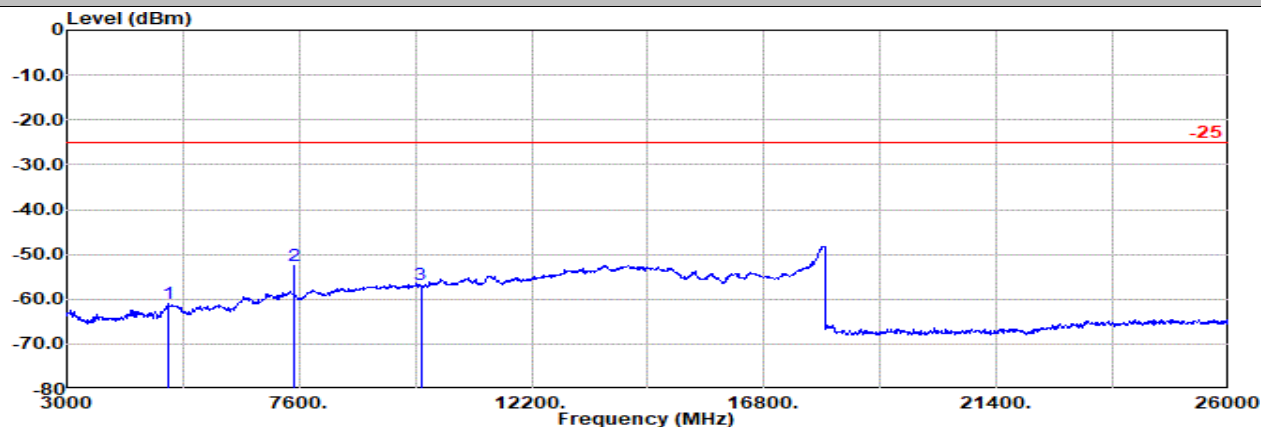


MIMO &lt; Ant. 2+1&gt;

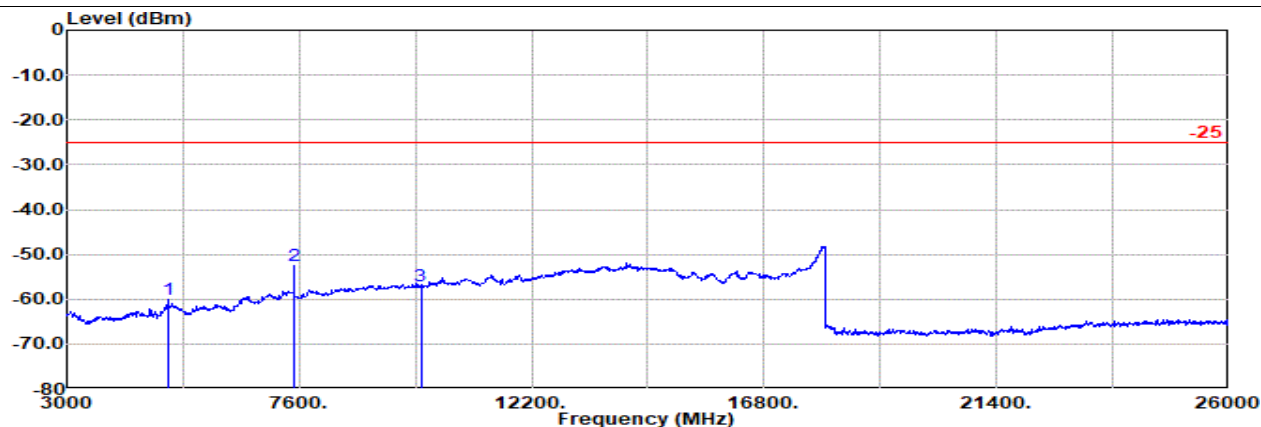
## Part 27M Mode 6

NR SA n41 MIMO 20M Ch501204 1RB1 BPSK

L



|   | 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 | 5002.00  | -61.12 | RMS      | 33.39             | -56.63 | 0.47   | -95.23 | 56.88  | -25.00 | -36.12 | Horizontal |
| 2 | 7503.00  | -52.61 | RMS      | 36.58             | -53.40 | 0.35   | -95.23 | 59.09  | -25.00 | -27.61 | Horizontal |
| 3 | 10005.00 | -56.83 | RMS      | 38.31             | -52.76 | 0.47   | -95.23 | 52.38  | -25.00 | -31.83 | Horizontal |



|   | 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 | 5002.00  | -60.16 | RMS      | 33.39             | -56.63 | 0.47   | -95.23 | 57.84  | -25.00 | -35.16 | Vertical |
| 2 | 7503.00  | -52.60 | RMS      | 36.58             | -53.40 | 0.35   | -95.23 | 59.10  | -25.00 | -27.60 | Vertical |
| 3 | 10005.00 | -57.19 | RMS      | 38.31             | -52.76 | 0.47   | -95.23 | 52.02  | -25.00 | -32.19 | Vertical |

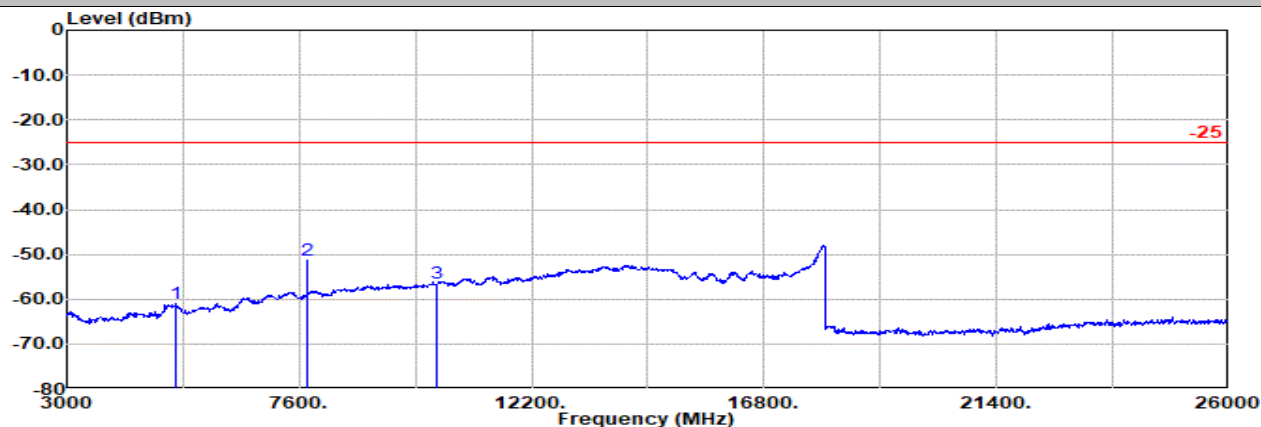


MIMO &lt; Ant. 2+1&gt;

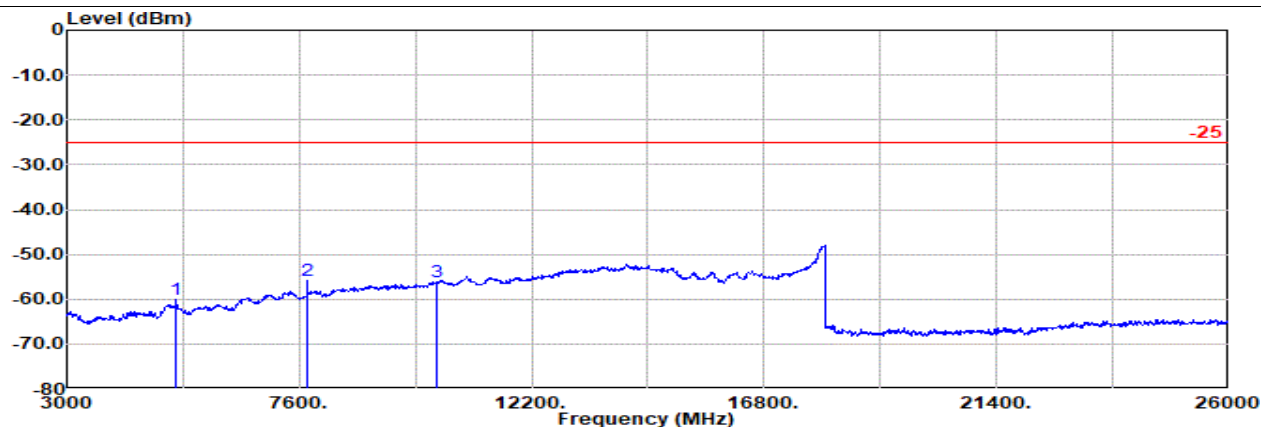
## Part 27M Mode 6

NR SA n41 MIMO 20M Ch518598 1RB1 BPSK

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 | 5168.00  | -61.09 | RMS      | 33.36             | -56.20 | 0.47   | -95.23 | 56.51 | -25.00 | -36.09 |
| 2 | 7752.00  | -51.29 | RMS      | 36.81             | -53.39 | 0.40   | -95.23 | 60.12 | -25.00 | -26.29 |
| 3 | 10337.00 | -56.49 | RMS      | 38.70             | -52.35 | 0.46   | -95.23 | 51.93 | -25.00 | -31.49 |



|   | 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 | 5168.00  | -60.09 | RMS      | 33.36             | -56.20 | 0.47   | -95.23 | 57.51 | -25.00 | -35.09 |
| 2 | 7752.00  | -55.97 | RMS      | 36.81             | -53.39 | 0.40   | -95.23 | 55.44 | -25.00 | -30.97 |
| 3 | 10337.00 | -56.03 | RMS      | 38.70             | -52.35 | 0.46   | -95.23 | 52.39 | -25.00 | -31.03 |

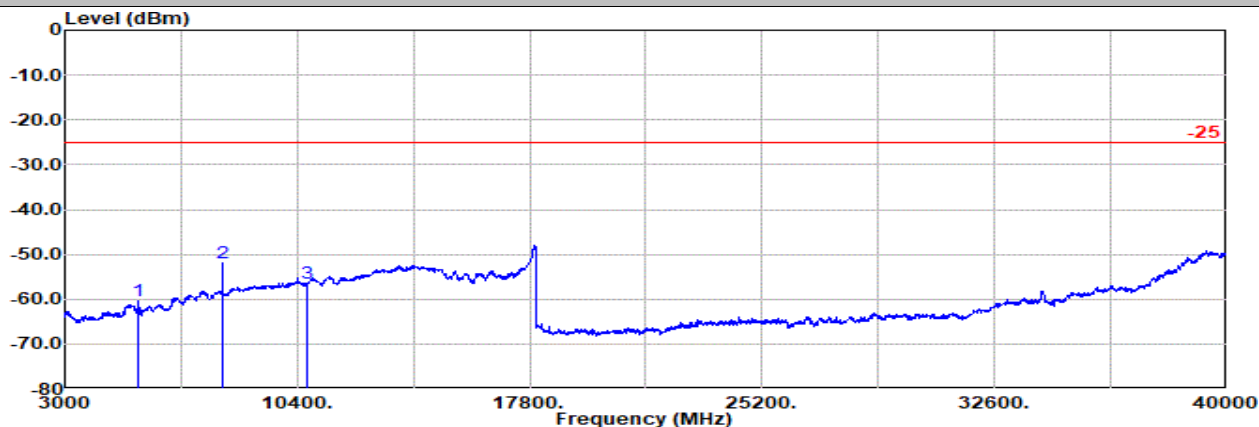


MIMO &lt; Ant. 2+1&gt;

## Part 27M Mode 6

NR SA n41 MIMO 20M Ch535998 1RB1 BPSK

H

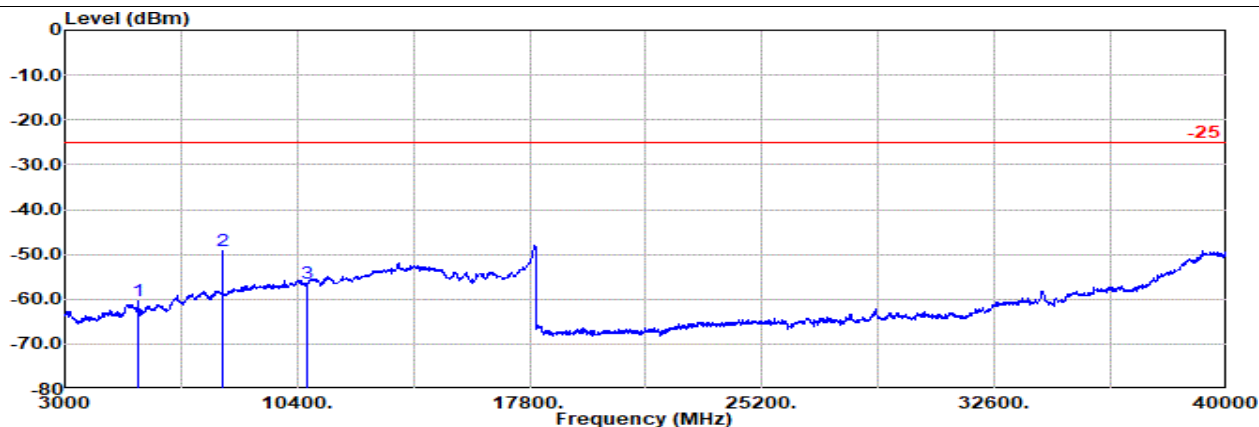


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Horizontal

: SA NR n41 20M Ch535998 1RB1 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 | 5343.00  | -60.41 | RMS      | 33.09             | -55.77 | 0.43   | -95.23 | 57.07 | -25.00 | -35.41 Horizontal |
| 2 | 8014.00  | -51.94 | RMS      | 37.20             | -53.53 | 0.42   | -95.23 | 59.20 | -25.00 | -26.94 Horizontal |
| 3 | 10685.00 | -56.35 | RMS      | 39.20             | -51.95 | 0.45   | -95.23 | 51.18 | -25.00 | -31.35 Horizontal |



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Vertical

: SA NR n41 20M Ch535998 1RB1 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 | 5343.00  | -60.48 | RMS      | 33.09             | -55.77 | 0.43   | -95.23 | 57.00 | -25.00 | -35.48 Vertical |
| 2 | 8014.00  | -49.25 | RMS      | 37.20             | -53.53 | 0.42   | -95.23 | 61.89 | -25.00 | -24.25 Vertical |
| 3 | 10685.00 | -56.33 | RMS      | 39.20             | -51.95 | 0.45   | -95.23 | 51.20 | -25.00 | -31.33 Vertical |

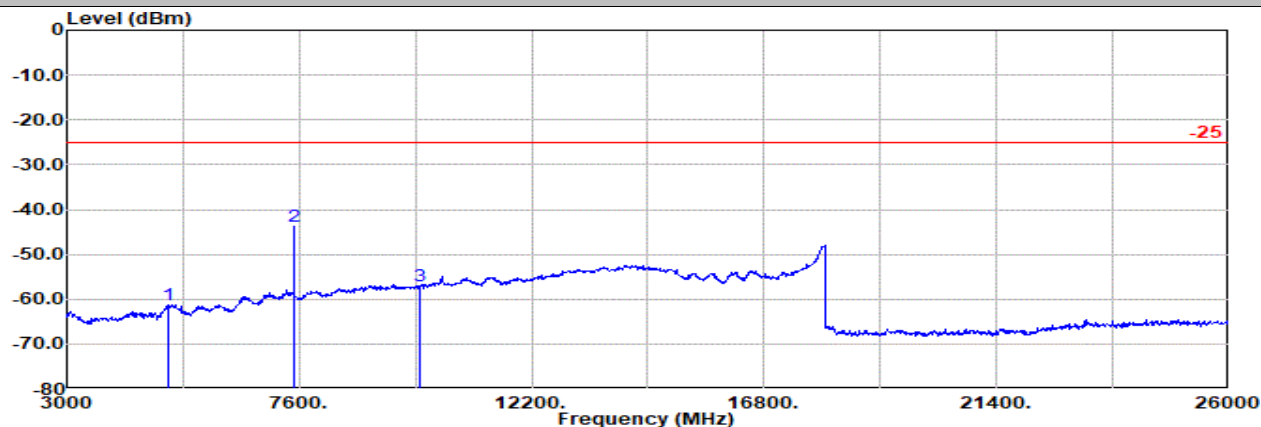


MIMO &lt; Ant. 0+5&gt;

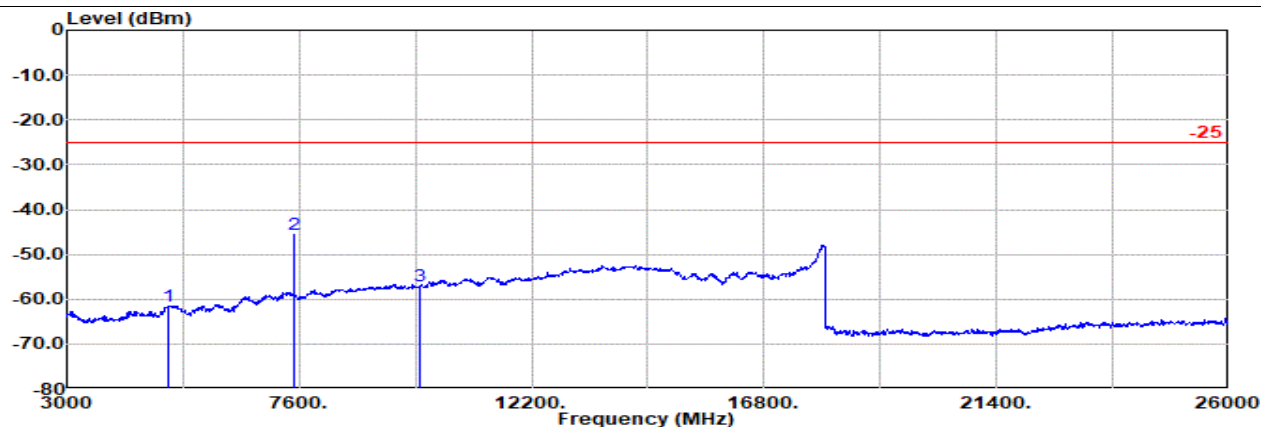
Part 27M Mode 7

NR SA n41 MIMO 20M Ch501204 1RB1 BPSK

L



|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB/m   | dB     | dB     | dB     | dBm    | dB     |            |
| 1 | 4994.00 | -61.20 | RMS      | 33.39      | -56.66 | 0.47   | -95.23 | 56.83  | -25.00 | -36.20 | Horizontal |
| 2 | 7491.00 | -43.62 | RMS      | 36.62      | -53.40 | 0.34   | -95.23 | 68.05  | -25.00 | -18.62 | Horizontal |
| 3 | 9989.00 | -57.04 | RMS      | 38.26      | -52.78 | 0.47   | -95.23 | 52.24  | -25.00 | -32.04 | Horizontal |



|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB/m   | dB     | dB     | dB     | dBm    | dB     |          |
| 1 | 4994.00 | -61.50 | RMS      | 33.39      | -56.66 | 0.47   | -95.23 | 56.53  | -25.00 | -36.50 | Vertical |
| 2 | 7491.00 | -45.61 | RMS      | 36.62      | -53.40 | 0.34   | -95.23 | 66.06  | -25.00 | -20.61 | Vertical |
| 3 | 9989.00 | -57.10 | RMS      | 38.26      | -52.78 | 0.47   | -95.23 | 52.18  | -25.00 | -32.10 | Vertical |

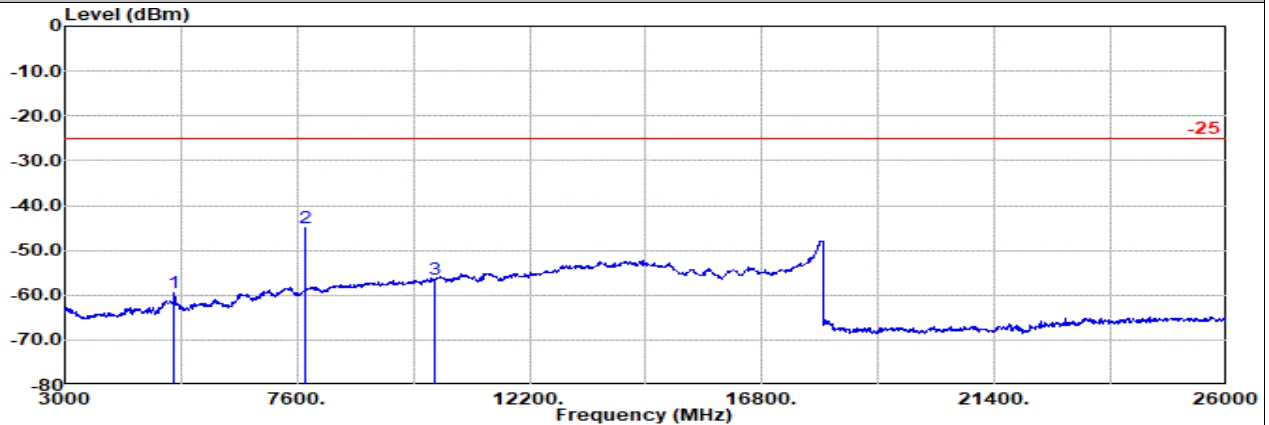


MIMO &lt; Ant. 0+5&gt;

## Part 27M Mode 7

NR SA n41 MIMO 20M Ch518598 1RB1 BPSK

M

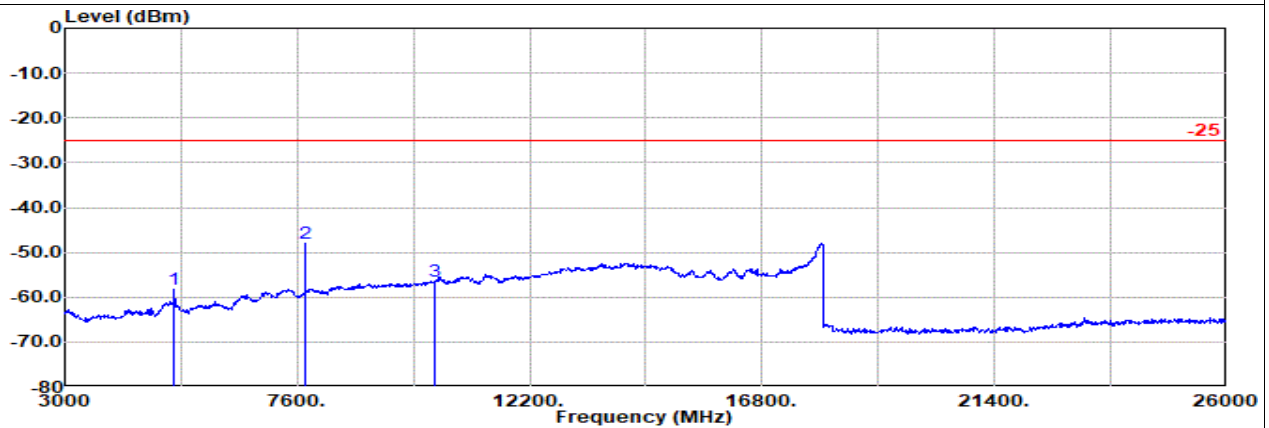


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Horizontal

: SA NR n41 20M Ch518598 1RB1 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 | 5168.00  | -59.56 | RMS      | 33.36             | -56.20 | 0.47   | -95.23 | 58.04 | -25.00 | -34.56 |
| 2 | 7752.00  | -44.84 | RMS      | 36.81             | -53.39 | 0.40   | -95.23 | 66.57 | -25.00 | -19.84 |
| 3 | 10337.00 | -56.52 | RMS      | 38.70             | -52.35 | 0.46   | -95.23 | 51.90 | -25.00 | -31.52 |



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Vertical

: SA NR n41 20M Ch518598 1RB1 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 | 5168.00  | -58.40 | RMS      | 33.36             | -56.20 | 0.47   | -95.23 | 59.20 | -25.00 | -33.40 |
| 2 | 7752.00  | -47.97 | RMS      | 36.81             | -53.39 | 0.40   | -95.23 | 63.44 | -25.00 | -22.97 |
| 3 | 10337.00 | -56.49 | RMS      | 38.70             | -52.35 | 0.46   | -95.23 | 51.93 | -25.00 | -31.49 |

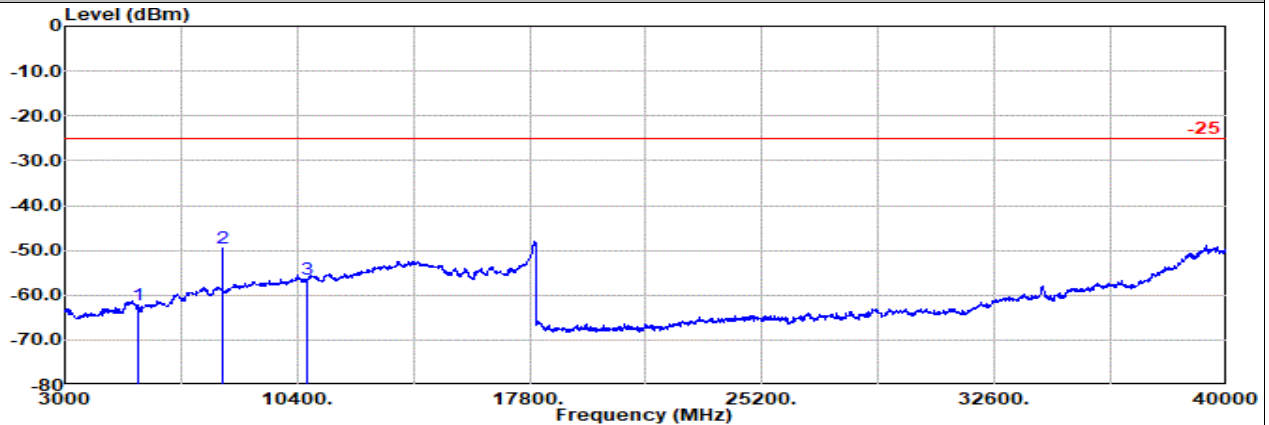


MIMO &lt; Ant. 0+5&gt;

## Part 27M Mode 7

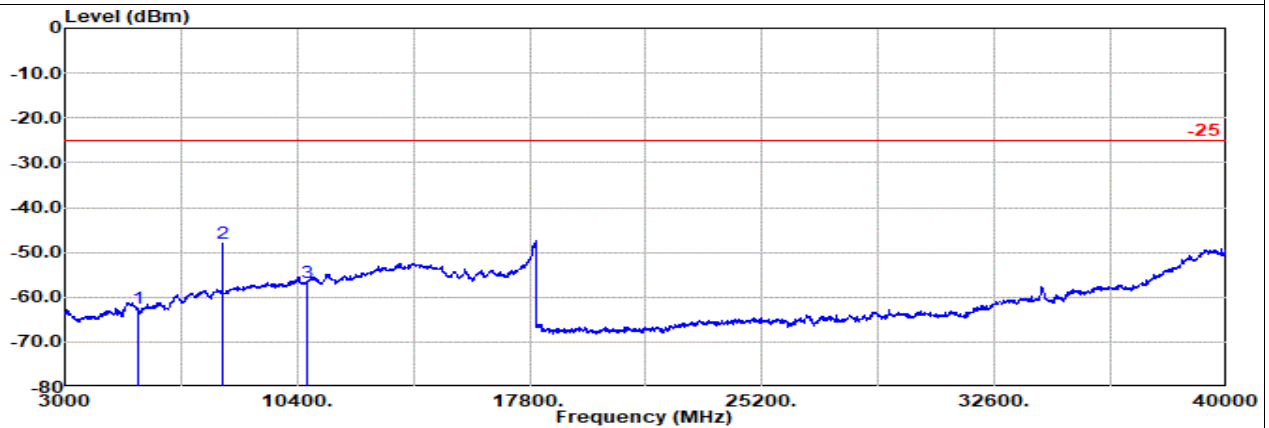
NR SA n41 MIMO 20M Ch535998 1RB1 BPSK

H



Site : 03CH12-HY  
Condition: -25 3m 9120D-02114-240711 Horizontal  
: SA NR n41 20M Ch535998 1RB1 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 | 5343.00  | -62.15 | RMS      | 33.09             | -55.77 | 0.43   | -95.23 | 55.33 | -25.00 | -37.15 |
| 2 | 8014.00  | -49.38 | RMS      | 37.20             | -53.53 | 0.42   | -95.23 | 61.76 | -25.00 | -24.38 |
| 3 | 10685.00 | -56.57 | RMS      | 39.20             | -51.95 | 0.45   | -95.23 | 50.96 | -25.00 | -31.57 |



Site : 03CH12-HY  
Condition: -25 3m 9120D-02114-240711 Vertical  
: SA NR n41 20M Ch535998 1RB1 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 | 5343.00  | -62.46 | RMS      | 33.09             | -55.77 | 0.43   | -95.23 | 55.02 | -25.00 | -37.46 |
| 2 | 8014.00  | -48.10 | RMS      | 37.20             | -53.53 | 0.42   | -95.23 | 63.04 | -25.00 | -23.10 |
| 3 | 10685.00 | -56.65 | RMS      | 39.20             | -51.95 | 0.45   | -95.23 | 50.88 | -25.00 | -31.65 |

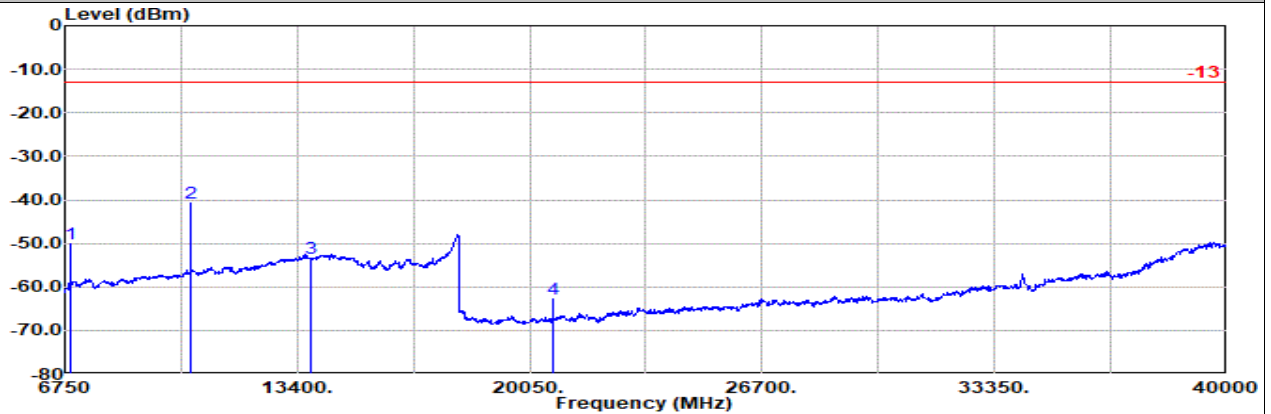


## Ant. 6

## Part 27Q Mode 1

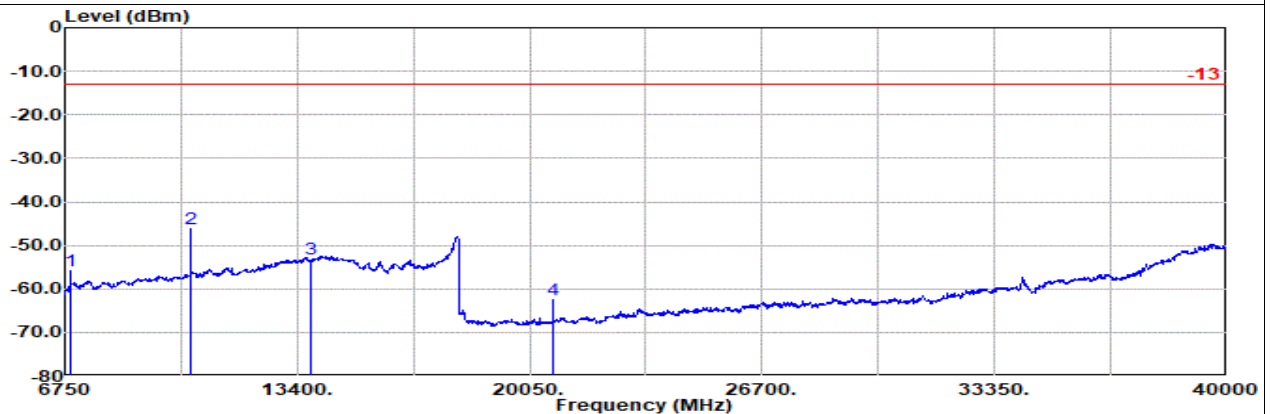
NR SA n77 20M Ch630668 1RB1 BPSK

L



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch630668 1RB1 BPSK

| Freq<br>MHz | Level<br>dBm | Detector   | Ant Amp\Cb |        | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol        |
|-------------|--------------|------------|------------|--------|--------|--------|-------------|--------|--------|------------|
|             |              |            | Factor     | 1      |        |        |             |        |        |            |
|             |              |            |            |        |        |        |             |        |        |            |
| 1           | 6903.00      | -50.11 RMS | 36.09      | -53.74 | 0.90   | -95.23 | 61.87       | -13.00 | -37.11 | Horizontal |
| 2           | 10354.00     | -40.68 RMS | 38.71      | -52.33 | 0.25   | -95.23 | 67.92       | -13.00 | -27.68 | Horizontal |
| 3           | 13805.00     | -53.46 RMS | 40.31      | -48.60 | 0.45   | -95.23 | 49.61       | -13.00 | -40.46 | Horizontal |
| 4           | 20712.00     | -62.69 RMS | 37.95      | -32.04 | -9.54  | -95.23 | 36.17       | -13.00 | -49.69 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch630668 1RB1 BPSK

| Freq<br>MHz | Level<br>dBm | Detector   | Ant Amp\Cb |        | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol      |
|-------------|--------------|------------|------------|--------|--------|--------|-------------|--------|--------|----------|
|             |              |            | Factor     | 1      |        |        |             |        |        |          |
|             |              |            |            |        |        |        |             |        |        |          |
| 1           | 6903.00      | -55.73 RMS | 36.09      | -53.74 | 0.90   | -95.23 | 56.25       | -13.00 | -42.73 | Vertical |
| 2           | 10354.00     | -46.18 RMS | 38.71      | -52.33 | 0.25   | -95.23 | 62.42       | -13.00 | -33.18 | Vertical |
| 3           | 13805.00     | -53.21 RMS | 40.31      | -48.60 | 0.45   | -95.23 | 49.86       | -13.00 | -40.21 | Vertical |
| 4           | 20712.00     | -62.43 RMS | 37.95      | -32.04 | -9.54  | -95.23 | 36.43       | -13.00 | -49.43 | Vertical |

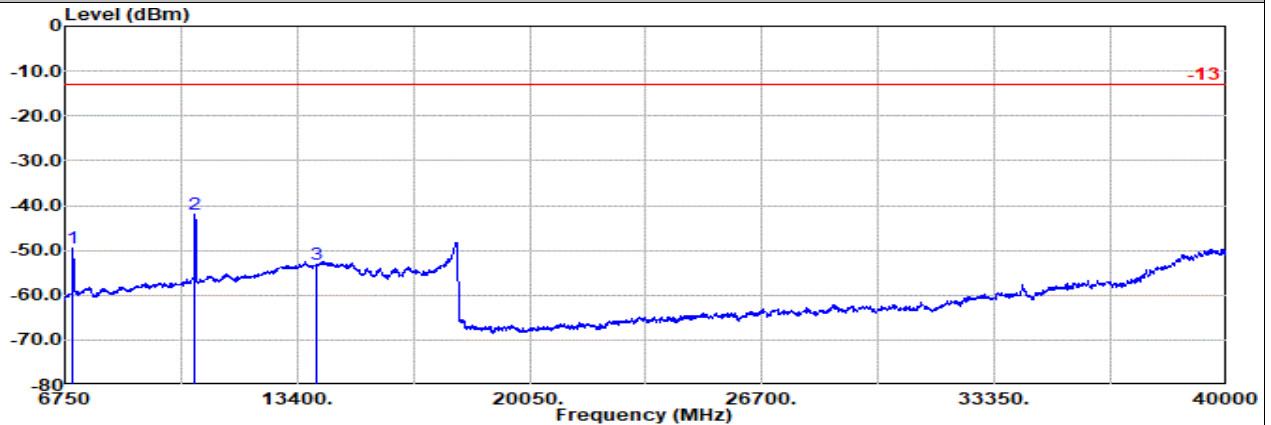


## Ant. 6

## Part 27Q Mode 1

NR SA n77 20M Ch633334 1RB1 BPSK

M

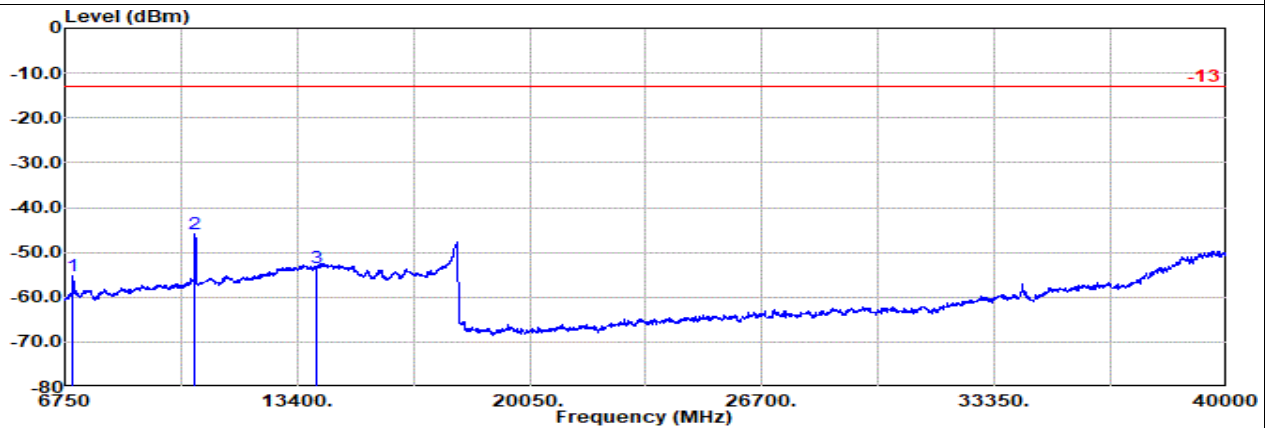


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 77 20M Ch633334 1RB1 BPSK

|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        |        |        | Readin | Limit  | Margin | Pol        |
|---|----------|--------|----------|-------------------|--------|--------|--------|--------|--------|--------|------------|
|   |          |        |          | Factor            | 1      | EIRPCF |        | g      |        |        |            |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 6983.00  | -49.37 | RMS      | 36.07             | -53.66 | 0.92   | -95.23 | 62.53  | -13.00 | -36.37 | Horizontal |
| 2 | 10474.00 | -42.10 | RMS      | 38.65             | -52.18 | 0.25   | -95.23 | 66.41  | -13.00 | -29.10 | Horizontal |
| 3 | 13965.00 | -53.14 | RMS      | 40.63             | -48.41 | 0.46   | -95.23 | 49.41  | -13.00 | -40.14 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 77 20M Ch633334 1RB1 BPSK

|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        |        |        | Readin | Limit  | Margin | Pol      |
|---|----------|--------|----------|-------------------|--------|--------|--------|--------|--------|--------|----------|
|   |          |        |          | Factor            | 1      | EIRPCF |        | g      |        |        |          |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 6983.00  | -55.19 | RMS      | 36.07             | -53.66 | 0.92   | -95.23 | 56.71  | -13.00 | -42.19 | Vertical |
| 2 | 10474.00 | -45.87 | RMS      | 38.65             | -52.18 | 0.25   | -95.23 | 62.64  | -13.00 | -32.87 | Vertical |
| 3 | 13965.00 | -53.33 | RMS      | 40.63             | -48.41 | 0.46   | -95.23 | 49.22  | -13.00 | -40.33 | Vertical |

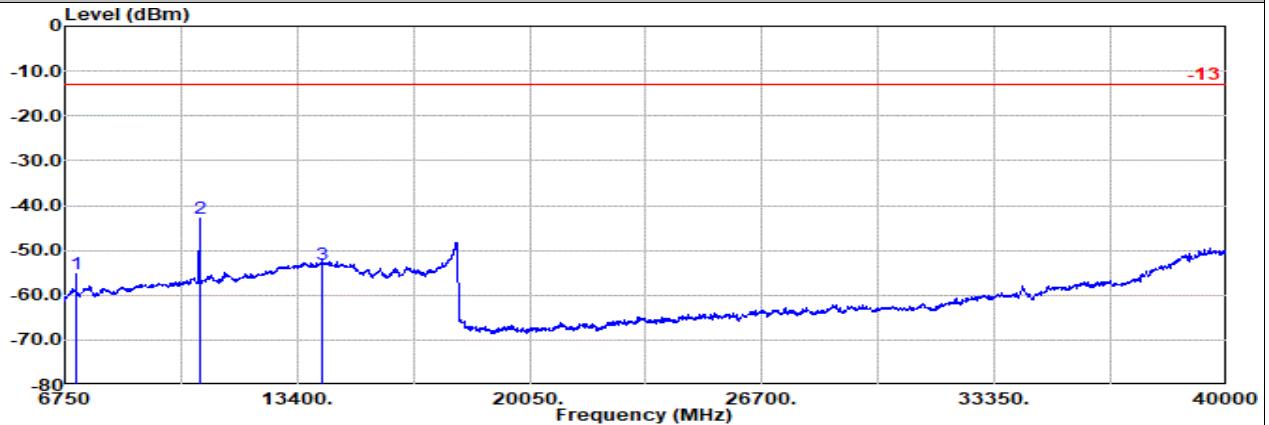


## Ant. 6

## Part 27Q Mode 1

NR SA n77 20M Ch636000 1RB1 BPSK

H

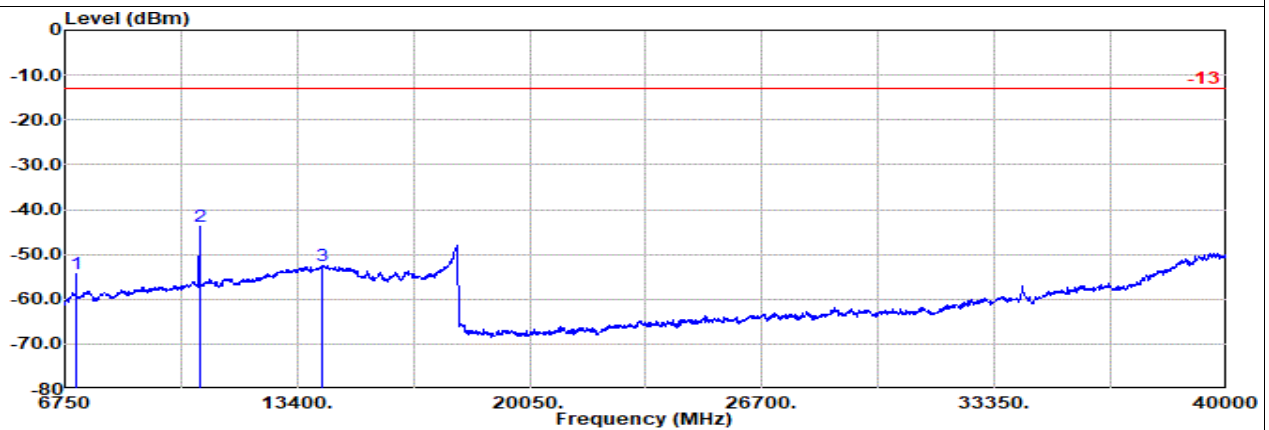


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 77 20M Ch636000 1RB1 BPSK

|   | 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 | 7063.00  | -55.13 | RMS      | 36.38             | -53.61 | 0.91   | -95.23 | 56.42 | -13.00 | -42.13 |
| 2 | 10594.00 | -42.87 | RMS      | 39.05             | -52.05 | 0.26   | -95.23 | 65.10 | -13.00 | -29.87 |
| 3 | 14125.00 | -53.08 | RMS      | 40.90             | -48.15 | 0.45   | -95.23 | 48.95 | -13.00 | -40.08 |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 77 20M Ch636000 1RB1 BPSK

|   | 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 | 7063.00  | -54.45 | RMS      | 36.38             | -53.61 | 0.91   | -95.23 | 57.10 | -13.00 | -41.45 |
| 2 | 10594.00 | -43.80 | RMS      | 39.05             | -52.05 | 0.26   | -95.23 | 64.17 | -13.00 | -30.80 |
| 3 | 14125.00 | -52.54 | RMS      | 40.90             | -48.15 | 0.45   | -95.23 | 49.49 | -13.00 | -39.54 |

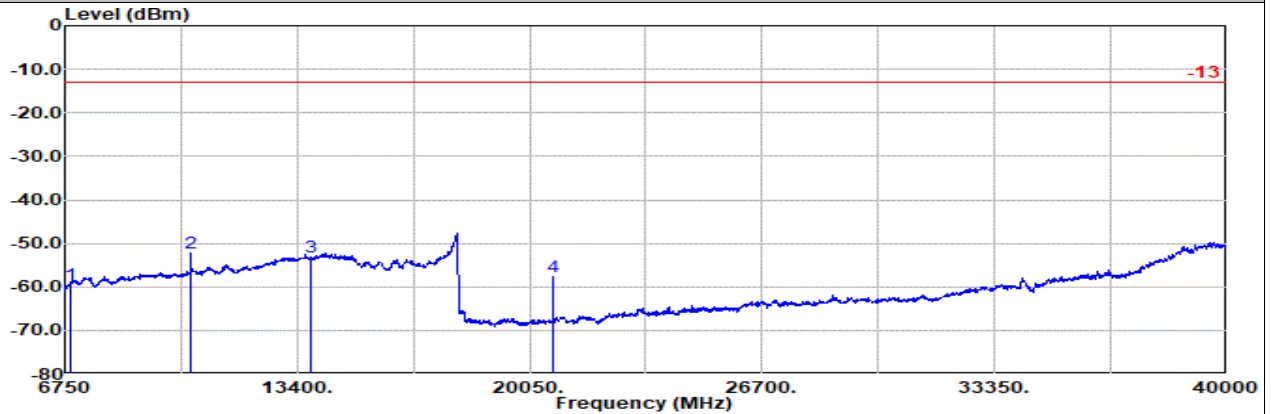


## Ant. 7

## Part 27Q Mode 2

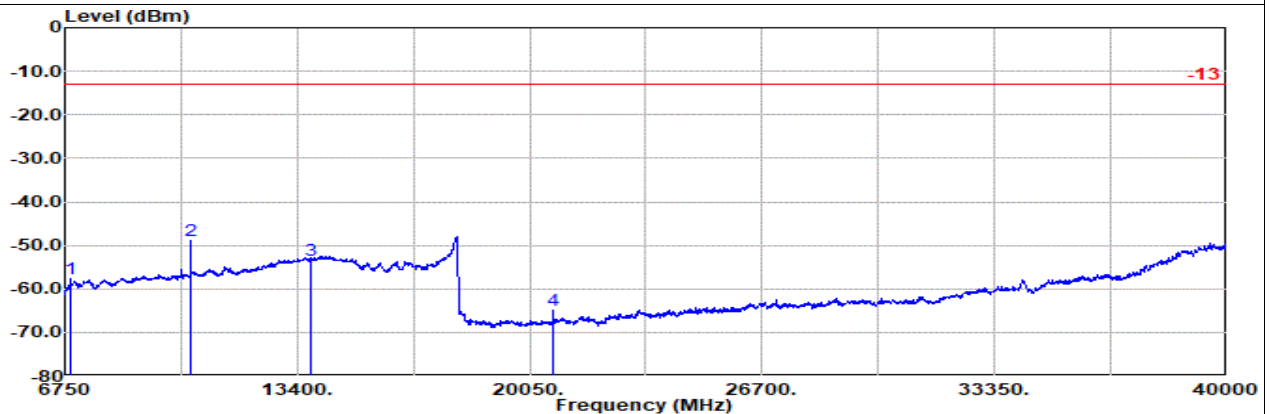
NR SA n77 20M Ch630668 1RB1 BPSK

L



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
NR Band 77 20M Ch630668 1RB1 BPSK

| 1 | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol               |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-------------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                   |
|   |             |              |          |                   |        |        |             |       |        |                   |
| 1 | 6903.00     | -59.33       | RMS      | 36.09             | -53.74 | 0.90   | -95.23      | 52.65 | -13.00 | -46.33 Horizontal |
| 2 | 10354.00    | -52.34       | RMS      | 38.71             | -52.33 | 0.25   | -95.23      | 56.26 | -13.00 | -39.34 Horizontal |
| 3 | 13805.00    | -53.24       | RMS      | 40.31             | -48.60 | 0.45   | -95.23      | 49.83 | -13.00 | -40.24 Horizontal |
| 4 | 20706.00    | -57.73       | RMS      | 37.92             | -32.05 | -9.54  | -95.23      | 41.17 | -13.00 | -44.73 Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
NR Band 77 20M Ch630668 1RB1 BPSK

| 1 | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol             |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-----------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                 |
|   |             |              |          |                   |        |        |             |       |        |                 |
| 1 | 6903.00     | -57.71       | RMS      | 36.09             | -53.74 | 0.90   | -95.23      | 54.27 | -13.00 | -44.71 Vertical |
| 2 | 10354.00    | -49.00       | RMS      | 38.71             | -52.33 | 0.25   | -95.23      | 59.60 | -13.00 | -36.00 Vertical |
| 3 | 13805.00    | -53.36       | RMS      | 40.31             | -48.60 | 0.45   | -95.23      | 49.71 | -13.00 | -40.36 Vertical |
| 4 | 20706.00    | -65.00       | RMS      | 37.92             | -32.05 | -9.54  | -95.23      | 33.90 | -13.00 | -52.00 Vertical |

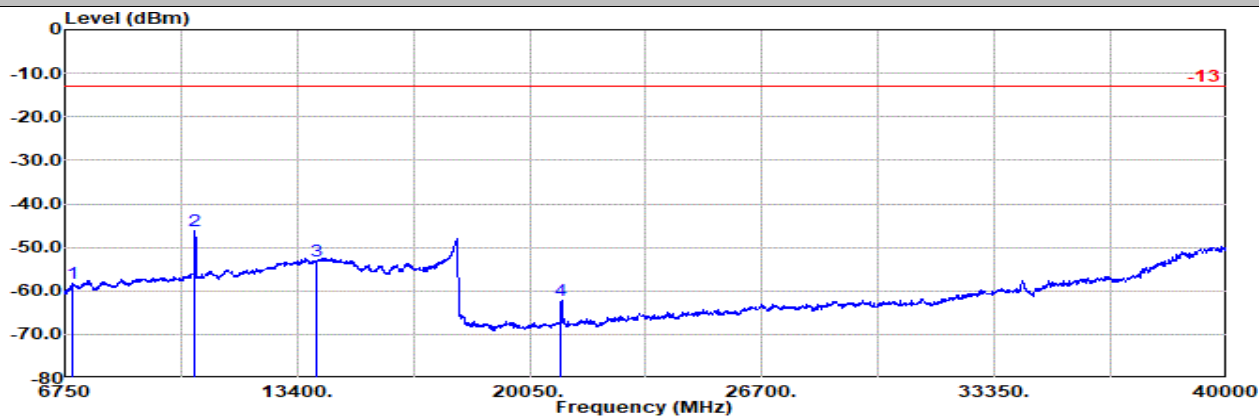


Ant. 7

## Part 27Q Mode 2

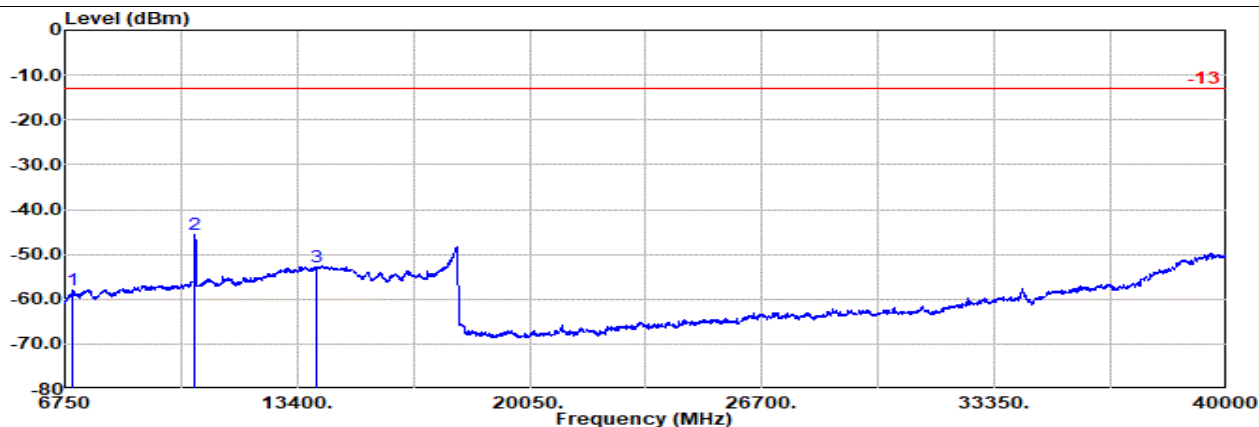
NR SA n77 20M Ch633334 1RB1 BPSK

M



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
NR Band 77 20M Ch633334 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb |        | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|------------|--------|--------|--------|-------------|--------|--------|------------|
|   |             |              |          | Factor     | 1      |        |        |             |        |        |            |
|   |             |              |          |            |        |        |        |             |        |        |            |
| 1 | 6983.00     | -58.31       | RMS      | 36.07      | -53.66 | 0.92   | -95.23 | 53.59       | -13.00 | -45.31 | Horizontal |
| 2 | 10474.00    | -46.06       | RMS      | 38.65      | -52.18 | 0.25   | -95.23 | 62.45       | -13.00 | -33.06 | Horizontal |
| 3 | 13965.00    | -53.03       | RMS      | 40.63      | -48.41 | 0.46   | -95.23 | 49.52       | -13.00 | -40.03 | Horizontal |
| 4 | 20946.00    | -62.29       | RMS      | 38.18      | -31.88 | -9.54  | -95.23 | 36.18       | -13.00 | -49.29 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
NR Band 77 20M Ch633334 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb |        | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|------------|--------|--------|--------|-------------|--------|--------|----------|
|   |             |              |          | Factor     | 1      |        |        |             |        |        |          |
|   |             |              |          |            |        |        |        |             |        |        |          |
| 1 | 6983.00     | -57.94       | RMS      | 36.07      | -53.66 | 0.92   | -95.23 | 53.96       | -13.00 | -44.94 | Vertical |
| 2 | 10474.00    | -45.44       | RMS      | 38.65      | -52.18 | 0.25   | -95.23 | 63.07       | -13.00 | -32.44 | Vertical |
| 3 | 13965.00    | -52.79       | RMS      | 40.63      | -48.41 | 0.46   | -95.23 | 49.76       | -13.00 | -39.79 | Vertical |

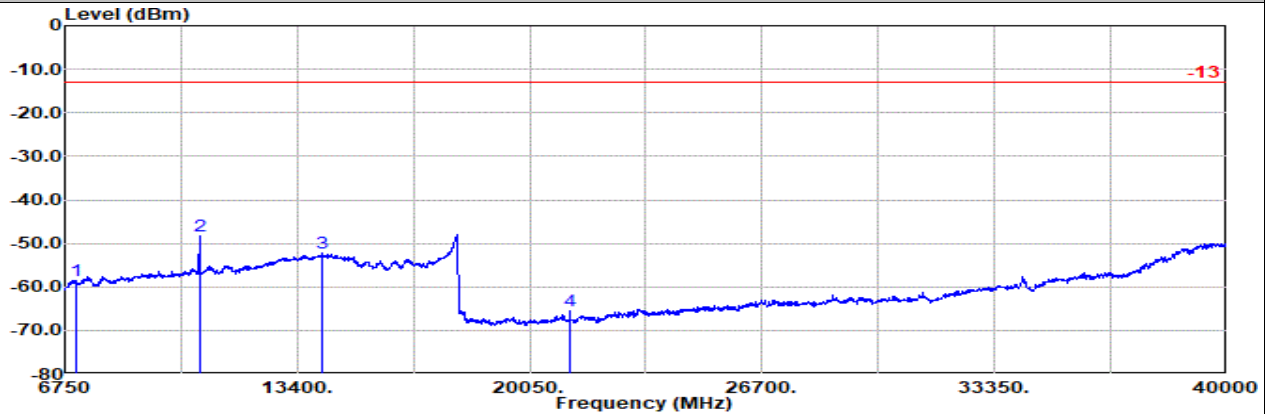


## Ant. 7

## Part 27Q Mode 2

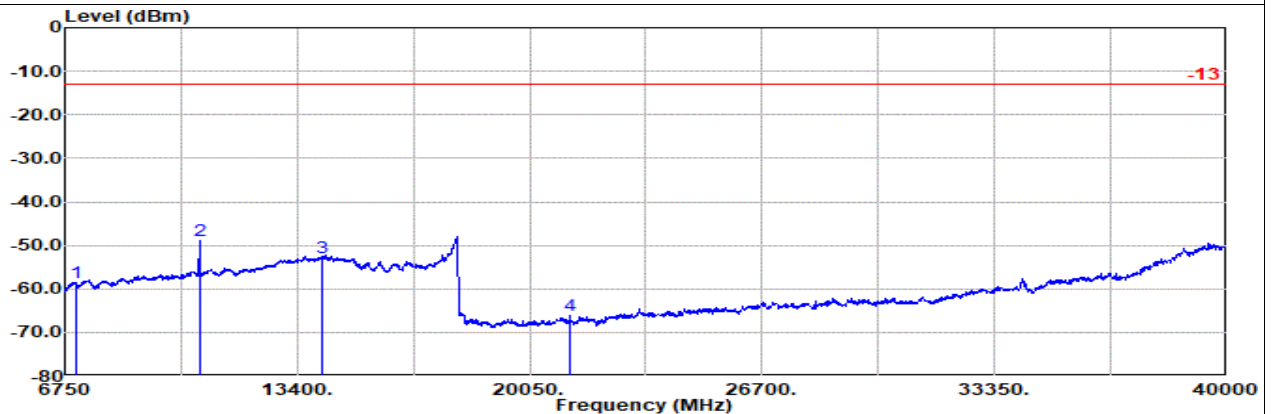
NR SA n77 20M Ch636000 1RB1 BPSK

H



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch636000 1RB1 BPSK

| Freq | Level    | Detector   | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|------|----------|------------|------------|--------|----------|--------|----------|--------|--------|------------|
| MHz  | dBm      |            |            |        |          |        |          |        |        |            |
| 1    | 7063.00  | -58.71 RMS | 36.38      | -53.61 | 0.91     | -95.23 | 52.84    | -13.00 | -45.71 | Horizontal |
| 2    | 10594.00 | -48.41 RMS | 39.05      | -52.05 | 0.26     | -95.23 | 59.56    | -13.00 | -35.41 | Horizontal |
| 3    | 14125.00 | -52.20 RMS | 40.90      | -48.15 | 0.45     | -95.23 | 49.83    | -13.00 | -39.20 | Horizontal |
| 4    | 21187.00 | -65.39 RMS | 38.05      | -31.79 | -9.54    | -95.23 | 33.12    | -13.00 | -52.39 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch636000 1RB1 BPSK

| Freq | Level    | Detector   | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|------|----------|------------|------------|--------|----------|--------|----------|--------|--------|----------|
| MHz  | dBm      |            |            |        |          |        |          |        |        |          |
| 1    | 7063.00  | -58.69 RMS | 36.38      | -53.61 | 0.91     | -95.23 | 52.86    | -13.00 | -45.69 | Vertical |
| 2    | 10594.00 | -48.97 RMS | 39.05      | -52.05 | 0.26     | -95.23 | 59.00    | -13.00 | -35.97 | Vertical |
| 3    | 14125.00 | -52.78 RMS | 40.90      | -48.15 | 0.45     | -95.23 | 49.25    | -13.00 | -39.78 | Vertical |
| 4    | 21187.00 | -66.05 RMS | 38.05      | -31.79 | -9.54    | -95.23 | 32.46    | -13.00 | -53.05 | Vertical |

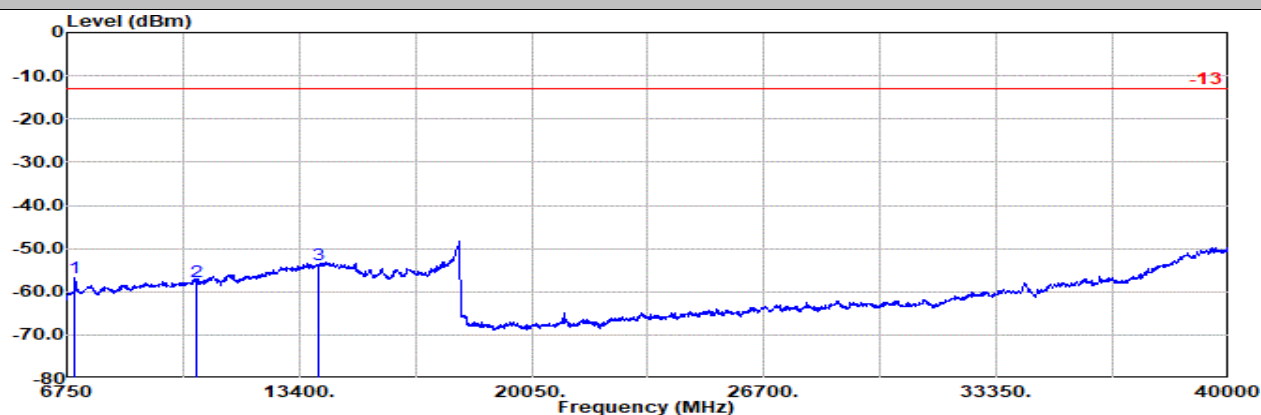


MIMO &lt; Ant. 2+6 &gt;

## Part 27Q Mode 3

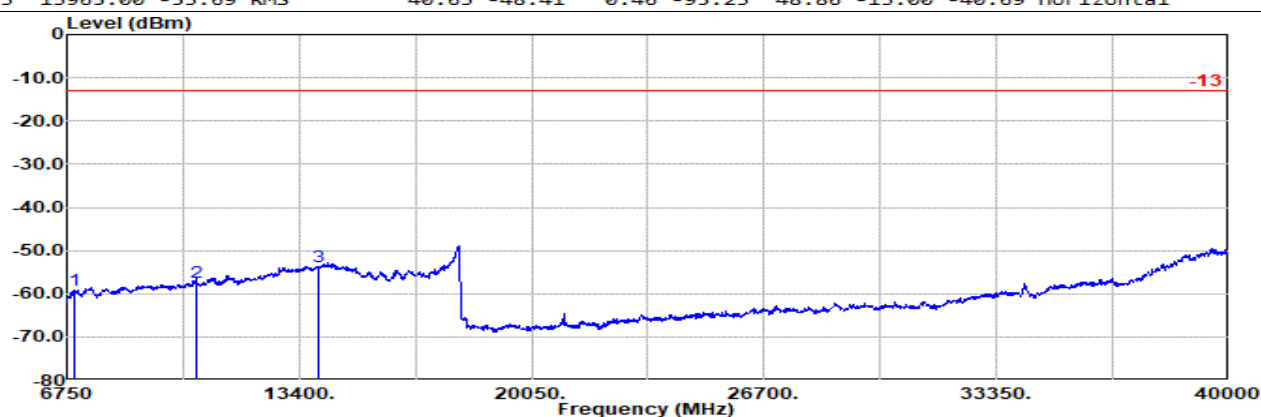
EN-DC B2+n77 10M + 20M Ch18900 1RB0 QPSK + Ch633334 1RB1 BPSK

M



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: LTE Band 2 10M Ch18900 1RB0 QPSK  
: NR Band 77 20M Ch633334 1RB1 BPSK

|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        |        |        | Readin | Limit  | Margin | Pol        |
|---|----------|--------|----------|-------------------|--------|--------|--------|--------|--------|--------|------------|
|   |          |        |          | Factor            | 1      | EIRPCF |        | g      |        |        |            |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 6982.00  | -56.64 | RMS      | 36.06             | -53.67 | 0.92   | -95.23 | 55.28  | -13.00 | -43.64 | Horizontal |
| 2 | 10473.00 | -57.56 | RMS      | 38.65             | -52.18 | 0.25   | -95.23 | 50.95  | -13.00 | -44.56 | Horizontal |
| 3 | 13965.00 | -53.69 | RMS      | 40.63             | -48.41 | 0.46   | -95.23 | 48.86  | -13.00 | -40.69 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: LTE Band 2 10M Ch18900 1RB0 QPSK  
: NR Band 77 20M Ch633334 1RB1 BPSK

|   | Freq     | Level  | Detector | Ant Amp\Cb Filter |        |        |        | Readin | Limit  | Margin | Pol      |
|---|----------|--------|----------|-------------------|--------|--------|--------|--------|--------|--------|----------|
|   |          |        |          | Factor            | 1      | EIRPCF |        | g      |        |        |          |
|   | MHz      | dBm    |          | dB/m              | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 6982.00  | -59.29 | RMS      | 36.06             | -53.67 | 0.92   | -95.23 | 52.63  | -13.00 | -46.29 | Vertical |
| 2 | 10473.00 | -57.34 | RMS      | 38.65             | -52.18 | 0.25   | -95.23 | 51.17  | -13.00 | -44.34 | Vertical |
| 3 | 13965.00 | -53.68 | RMS      | 40.63             | -48.41 | 0.46   | -95.23 | 48.87  | -13.00 | -40.68 | Vertical |

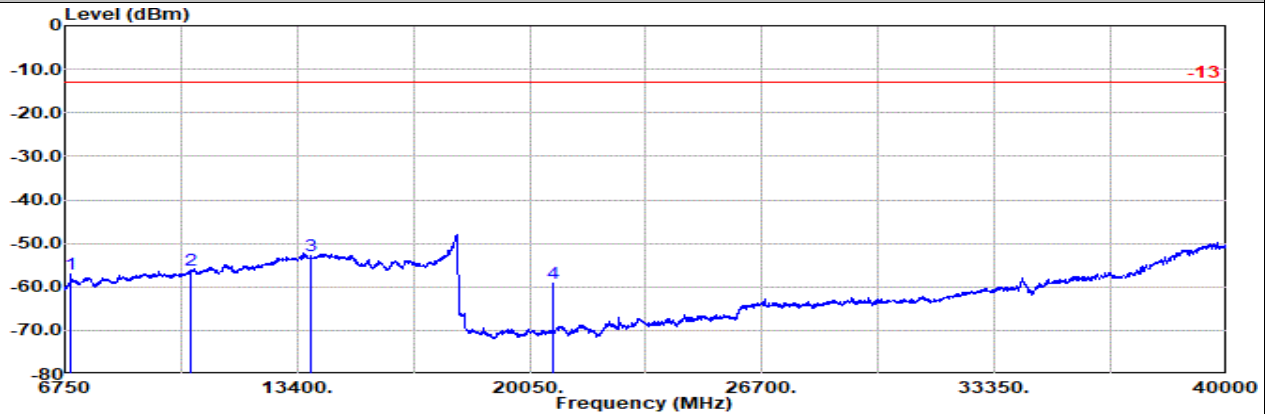


MIMO &lt; Ant. 6+1&gt;

Part 27Q Mode 4

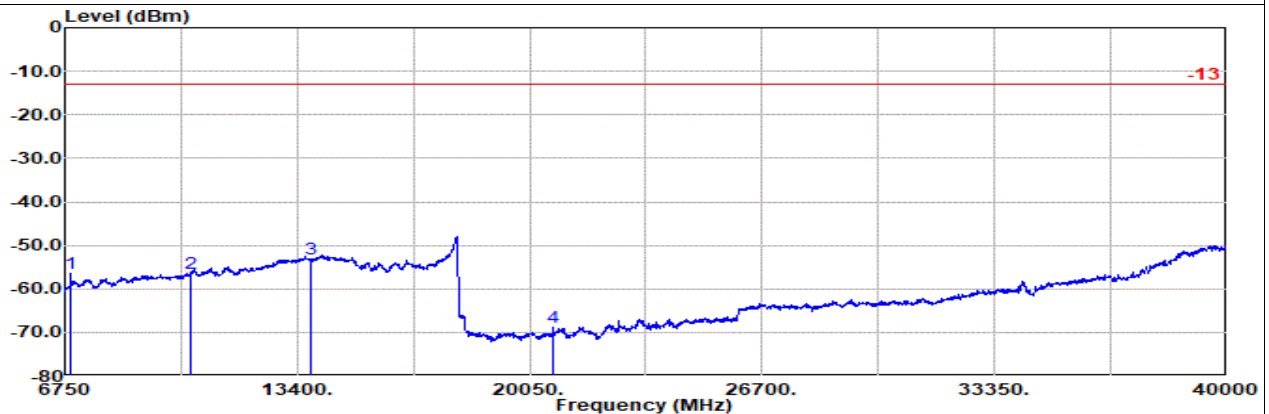
NR SA n77 MIMO 20M Ch630668 1RB1 BPSK

L



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch630668 1RB1 BPSK

| Freq | Level    | Detector   | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol        |
|------|----------|------------|------------|--------|----------|--------|----------|--------|--------|------------|
| MHz  | dBm      |            |            | dB/m   | dB       | dB     | dB       | dBuV   | dBm    | dB         |
| 1    | 6903.00  | -56.98 RMS | 36.09      | -53.74 | 0.90     | -95.23 | 55.00    | -13.00 | -43.98 | Horizontal |
| 2    | 10354.00 | -56.20 RMS | 38.71      | -52.33 | 0.25     | -95.23 | 52.40    | -13.00 | -43.20 | Horizontal |
| 3    | 13805.00 | -52.93 RMS | 40.31      | -48.60 | 0.45     | -95.23 | 50.14    | -13.00 | -39.93 | Horizontal |
| 4    | 20707.00 | -59.26 RMS | 37.93      | -32.05 | -9.54    | -95.23 | 39.63    | -13.00 | -46.26 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch630668 1RB1 BPSK

| Freq | Level    | Detector   | Ant Factor | Amp\Cb | Filter 1 | EIRPCF | Readin g | Limit  | Margin | Pol      |
|------|----------|------------|------------|--------|----------|--------|----------|--------|--------|----------|
| MHz  | dBm      |            |            | dB/m   | dB       | dB     | dB       | dBuV   | dBm    | dB       |
| 1    | 6903.00  | -56.49 RMS | 36.09      | -53.74 | 0.90     | -95.23 | 55.49    | -13.00 | -43.49 | Vertical |
| 2    | 10354.00 | -56.56 RMS | 38.71      | -52.33 | 0.25     | -95.23 | 52.04    | -13.00 | -43.56 | Vertical |
| 3    | 13805.00 | -53.24 RMS | 40.31      | -48.60 | 0.45     | -95.23 | 49.83    | -13.00 | -40.24 | Vertical |
| 4    | 20707.00 | -68.73 RMS | 37.93      | -32.05 | -9.54    | -95.23 | 30.16    | -13.00 | -55.73 | Vertical |

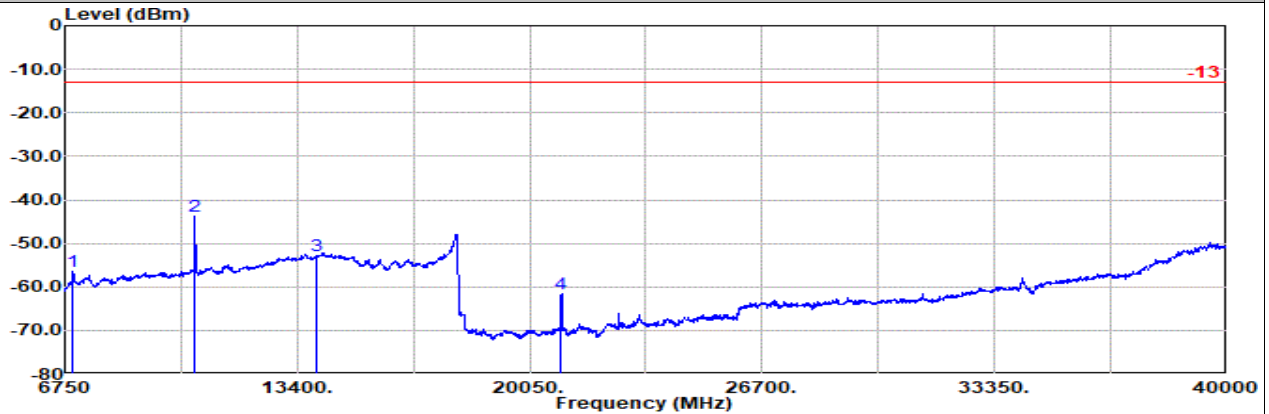


MIMO &lt; Ant. 6+1&gt;

Part 27Q Mode 4

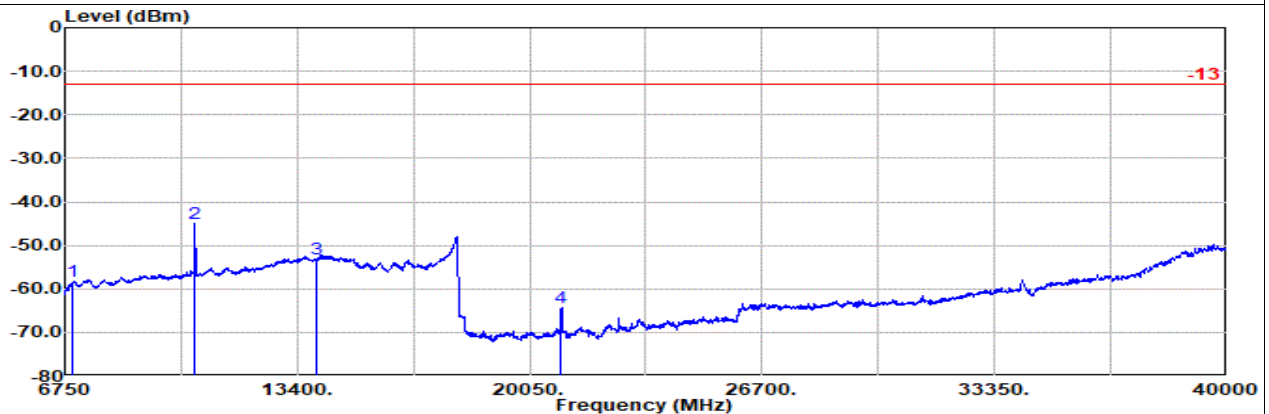
NR SA n77 MIMO 20M Ch633334 1RB1 BPSK

M



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch633334 1RB1 BPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb 1 | Filter | EIRPCF | Readin g | Limit  | Margin | Pol        |
|---|----------|--------|----------|------------|----------|--------|--------|----------|--------|--------|------------|
|   | MHz      | dBm    |          | dB/m       | dB       | dB     | dB     | dBuV     | dBm    | dB     |            |
| 1 | 6983.00  | -56.44 | RMS      | 36.07      | -53.66   | 0.92   | -95.23 | 55.46    | -13.00 | -43.44 | Horizontal |
| 2 | 10474.00 | -43.74 | RMS      | 38.65      | -52.18   | 0.25   | -95.23 | 64.77    | -13.00 | -30.74 | Horizontal |
| 3 | 13965.00 | -52.97 | RMS      | 40.63      | -48.41   | 0.46   | -95.23 | 49.58    | -13.00 | -39.97 | Horizontal |
| 4 | 20947.00 | -61.58 | RMS      | 38.18      | -31.88   | -9.54  | -95.23 | 36.89    | -13.00 | -48.58 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch633334 1RB1 BPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb<br>1 | Filter | EIRPCF | Reading | Limit  | Margin | Pol      |
|---|----------|--------|----------|------------|-------------|--------|--------|---------|--------|--------|----------|
|   | MHz      | dBm    |          | dB/m       | dB          | dB     | dB     | dBuV    | dBm    | dB     |          |
| 1 | 6983.00  | -58.36 | RMS      | 36.07      | -53.66      | 0.92   | -95.23 | 53.54   | -13.00 | -45.36 | Vertical |
| 2 | 10474.00 | -44.86 | RMS      | 38.65      | -52.18      | 0.25   | -95.23 | 63.65   | -13.00 | -31.86 | Vertical |
| 3 | 13965.00 | -52.99 | RMS      | 40.63      | -48.41      | 0.46   | -95.23 | 49.56   | -13.00 | -39.99 | Vertical |
| 4 | 20947.00 | -64.44 | RMS      | 38.18      | -31.88      | -9.54  | -95.23 | 34.03   | -13.00 | -51.44 | Vertical |

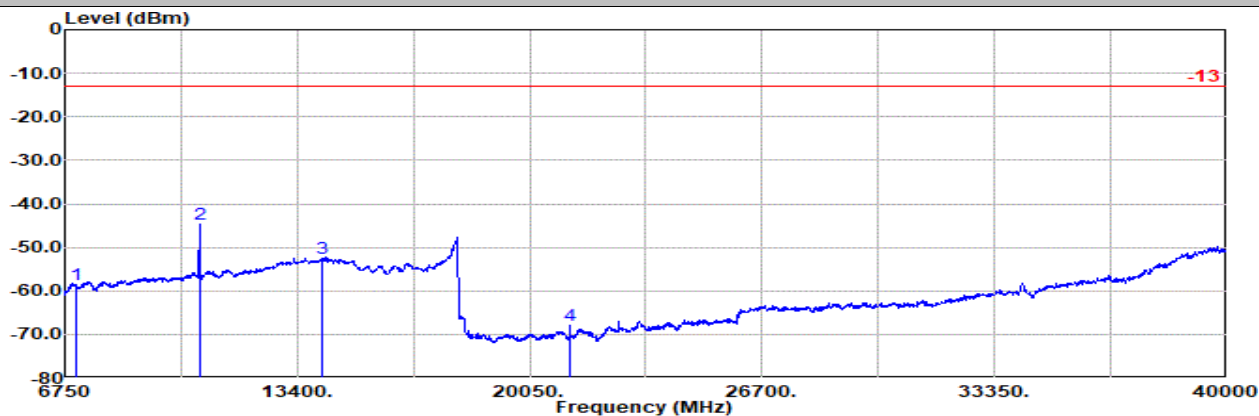


MIMO &lt; Ant. 6+1&gt;

## Part 27Q Mode 4

NR SA n77 MIMO 20M Ch636000 1RB1 BPSK

H

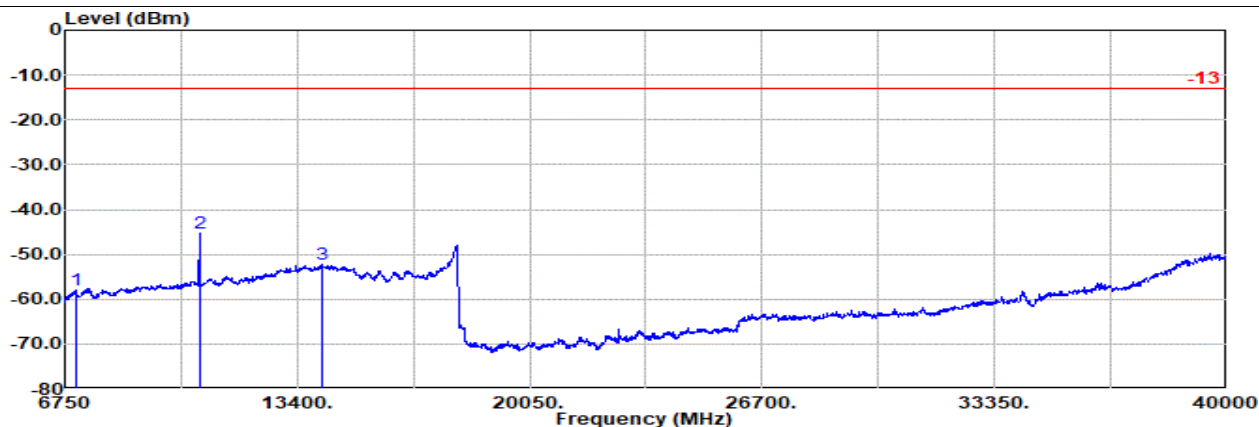


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

NR Band 77 20M Ch636000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb |        | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|------------|--------|--------|--------|-------------|--------|--------|------------|
|   |             |              |          | Factor     | 1      |        |        |             |        |        |            |
|   |             |              |          | dB/m       | dB     | dB     | dB     | dBuV        | dBm    | dB     |            |
| 1 | 7063.00     | -58.49       | RMS      | 36.38      | -53.61 | 0.91   | -95.23 | 53.06       | -13.00 | -45.49 | Horizontal |
| 2 | 10594.00    | -44.58       | RMS      | 39.05      | -52.05 | 0.26   | -95.23 | 63.39       | -13.00 | -31.58 | Horizontal |
| 3 | 14125.00    | -52.61       | RMS      | 40.90      | -48.15 | 0.45   | -95.23 | 49.42       | -13.00 | -39.61 | Horizontal |
| 4 | 21187.00    | -67.96       | RMS      | 38.05      | -31.79 | -9.54  | -95.23 | 30.55       | -13.00 | -54.96 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

NR Band 77 20M Ch636000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb |        | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|------------|--------|--------|--------|-------------|--------|--------|----------|
|   |             |              |          | Factor     | 1      |        |        |             |        |        |          |
|   |             |              |          | dB/m       | dB     | dB     | dB     | dBuV        | dBm    | dB     |          |
| 1 | 7063.00     | -58.11       | RMS      | 36.38      | -53.61 | 0.91   | -95.23 | 53.44       | -13.00 | -45.11 | Vertical |
| 2 | 10594.00    | -45.15       | RMS      | 39.05      | -52.05 | 0.26   | -95.23 | 62.82       | -13.00 | -32.15 | Vertical |
| 3 | 14125.00    | -52.26       | RMS      | 40.90      | -48.15 | 0.45   | -95.23 | 49.77       | -13.00 | -39.26 | Vertical |

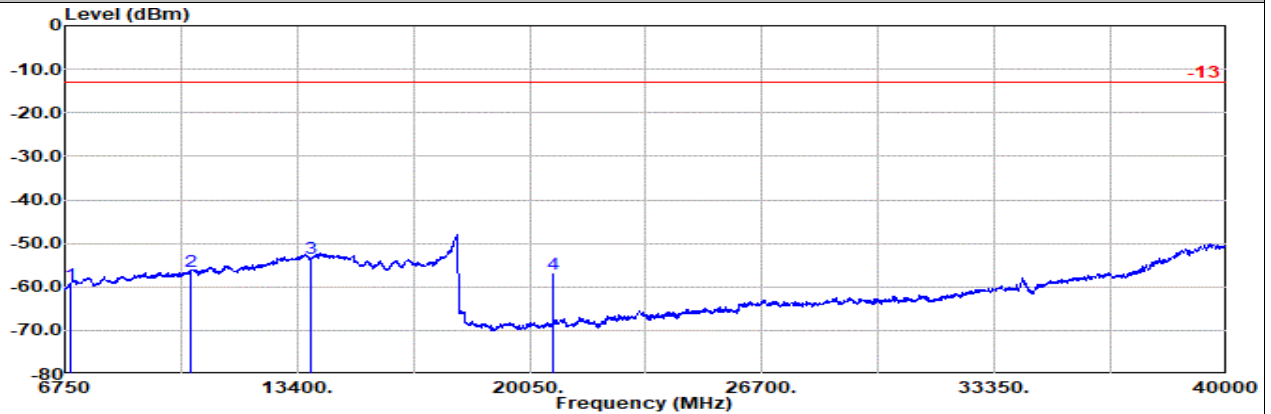


MIMO &lt; Ant. 7+5&gt;

Part 27Q Mode 5

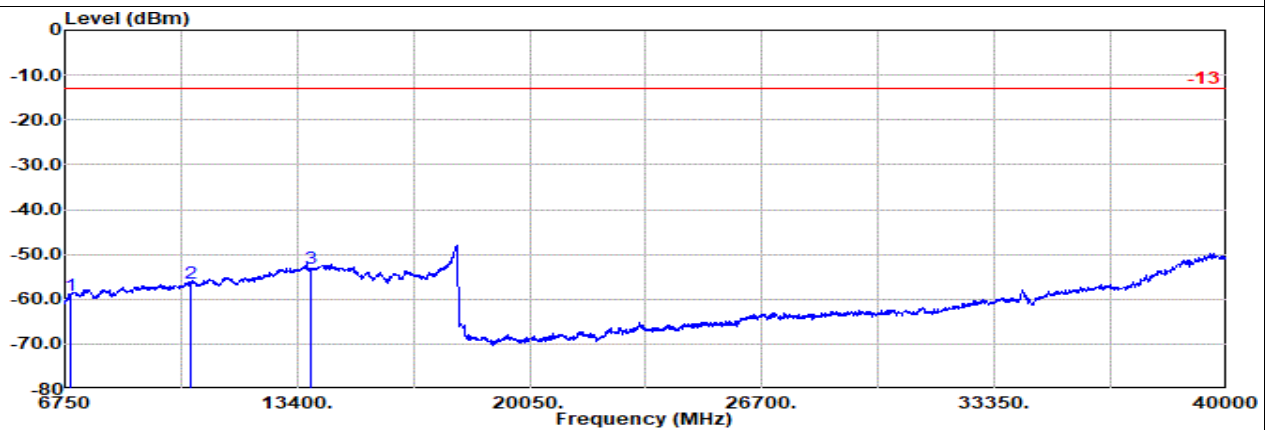
NR SA n77 MIMO 20M Ch630668 1RB1 BPSK

L



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch630668 1RB1 QPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb |        | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|------------|--------|--------|--------|-------------|--------|--------|------------|
|   |             |              |          | Factor     | 1      |        |        |             |        |        |            |
|   |             |              |          |            |        |        |        |             |        |        |            |
| 1 | 6903.00     | -59.49       | RMS      | 36.09      | -53.74 | 0.90   | -95.23 | 52.49       | -13.00 | -46.49 | Horizontal |
| 2 | 10354.00    | -56.45       | RMS      | 38.71      | -52.33 | 0.25   | -95.23 | 52.15       | -13.00 | -43.45 | Horizontal |
| 3 | 13805.00    | -53.48       | RMS      | 40.31      | -48.60 | 0.45   | -95.23 | 49.59       | -13.00 | -40.48 | Horizontal |
| 4 | 20707.00    | -57.09       | RMS      | 37.93      | -32.05 | -9.54  | -95.23 | 41.80       | -13.00 | -44.09 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch630668 1RB1 QPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb |        | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|------------|--------|--------|--------|-------------|--------|--------|----------|
|   |             |              |          | Factor     | 1      |        |        |             |        |        |          |
|   |             |              |          |            |        |        |        |             |        |        |          |
| 1 | 6903.00     | -59.16       | RMS      | 36.09      | -53.74 | 0.90   | -95.23 | 52.82       | -13.00 | -46.16 | Vertical |
| 2 | 10354.00    | -56.56       | RMS      | 38.71      | -52.33 | 0.25   | -95.23 | 52.04       | -13.00 | -43.56 | Vertical |
| 3 | 13805.00    | -53.21       | RMS      | 40.31      | -48.60 | 0.45   | -95.23 | 49.86       | -13.00 | -40.21 | Vertical |

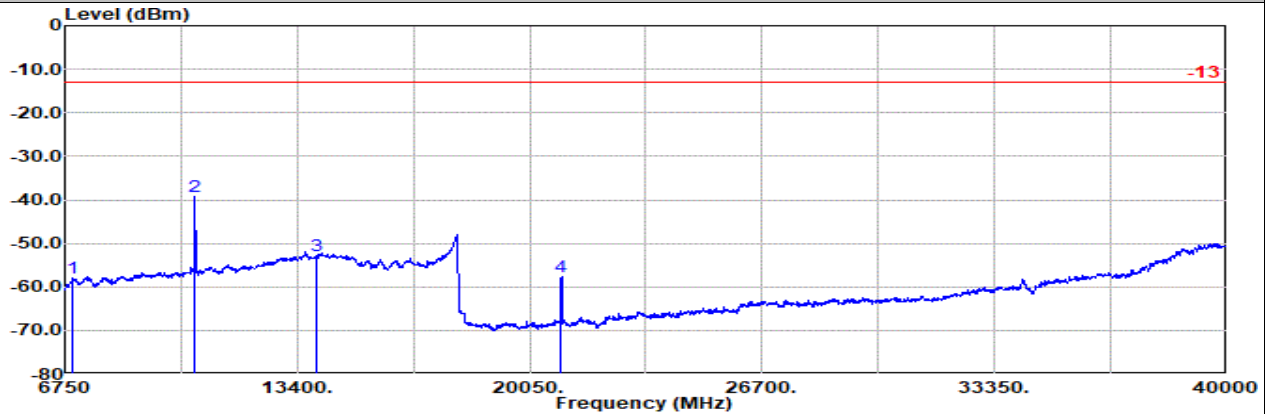


MIMO &lt; Ant. 7+5&gt;

## Part 27Q Mode 5

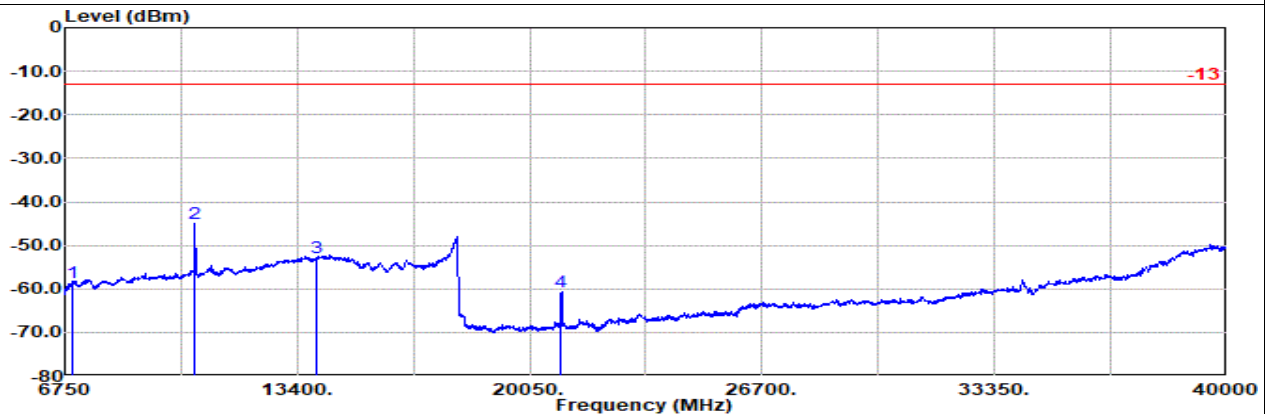
NR SA n77 MIMO 20M Ch633334 1RB1 BPSK

M



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch633334 1RB1 QPSK

| 1 | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol               |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-------------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                   |
|   |             |              |          |                   |        |        |             |       |        |                   |
| 1 | 6983.00     | -58.08       | RMS      | 36.07             | -53.66 | 0.92   | -95.23      | 53.82 | -13.00 | -45.08 Horizontal |
| 2 | 10474.00    | -39.17       | RMS      | 38.65             | -52.18 | 0.25   | -95.23      | 69.34 | -13.00 | -26.17 Horizontal |
| 3 | 13965.00    | -52.86       | RMS      | 40.63             | -48.41 | 0.46   | -95.23      | 49.69 | -13.00 | -39.86 Horizontal |
| 4 | 20946.00    | -57.75       | RMS      | 38.18             | -31.88 | -9.54  | -95.23      | 40.72 | -13.00 | -44.75 Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch633334 1RB1 QPSK

| 1 | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        | EIRPCF | Readin<br>g | Limit | Margin | Pol             |
|---|-------------|--------------|----------|-------------------|--------|--------|-------------|-------|--------|-----------------|
|   |             |              |          | Factor            | 1      |        |             |       |        |                 |
|   |             |              |          |                   |        |        |             |       |        |                 |
| 1 | 6983.00     | -58.54       | RMS      | 36.07             | -53.66 | 0.92   | -95.23      | 53.36 | -13.00 | -45.54 Vertical |
| 2 | 10474.00    | -44.95       | RMS      | 38.65             | -52.18 | 0.25   | -95.23      | 63.56 | -13.00 | -31.95 Vertical |
| 3 | 13965.00    | -52.79       | RMS      | 40.63             | -48.41 | 0.46   | -95.23      | 49.76 | -13.00 | -39.79 Vertical |
| 4 | 20946.00    | -60.62       | RMS      | 38.18             | -31.88 | -9.54  | -95.23      | 37.85 | -13.00 | -47.62 Vertical |

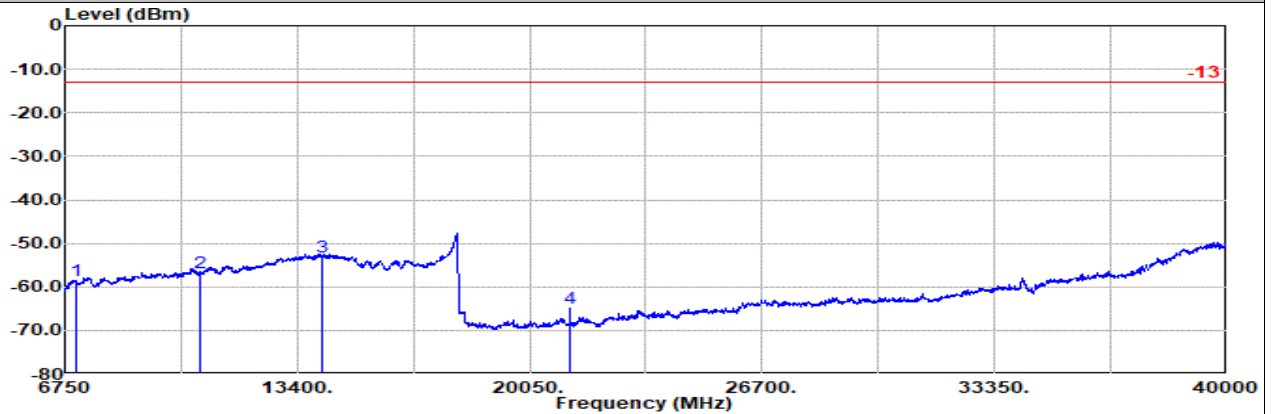


MIMO &lt; Ant. 7+5&gt;

## Part 27Q Mode 5

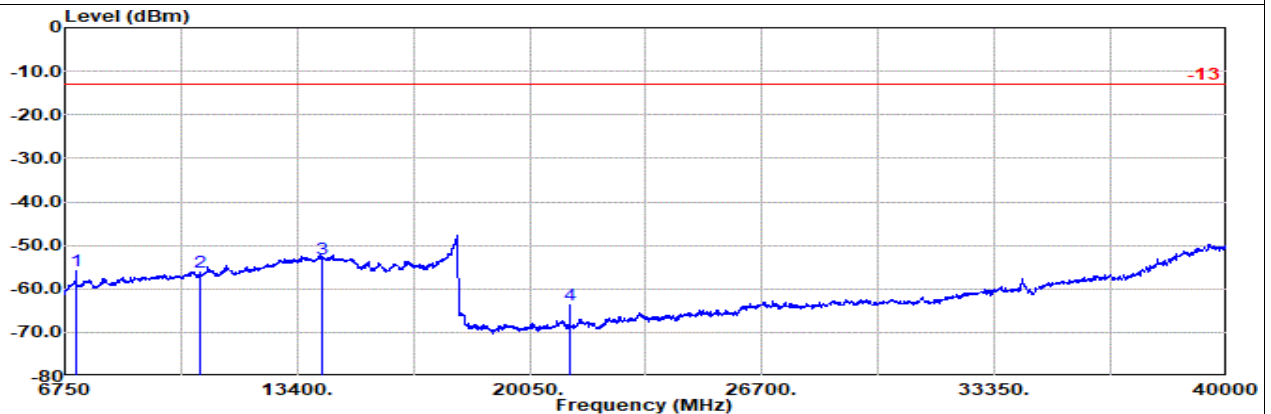
NR SA n77 MIMO 20M Ch636000 1RB1 BPSK

H



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch636000 1RB1 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    | 7063.00  | -58.65 RMS | 36.38      | -53.61 | 0.91     | -95.23 | 52.90    | -13.00 | -45.65 | Horizontal |
| 2    | 10594.00 | -56.88 RMS | 39.05      | -52.05 | 0.26     | -95.23 | 51.09    | -13.00 | -43.88 | Horizontal |
| 3    | 14125.00 | -53.13 RMS | 40.90      | -48.15 | 0.45     | -95.23 | 48.90    | -13.00 | -40.13 | Horizontal |
| 4    | 21187.00 | -64.78 RMS | 38.05      | -31.79 | -9.54    | -95.23 | 33.73    | -13.00 | -51.78 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch636000 1RB1 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    | 7063.00  | -55.81 RMS | 36.38      | -53.61 | 0.91     | -95.23 | 55.74    | -13.00 | -42.81 | Vertical |
| 2    | 10594.00 | -56.29 RMS | 39.05      | -52.05 | 0.26     | -95.23 | 51.68    | -13.00 | -43.29 | Vertical |
| 3    | 14125.00 | -53.10 RMS | 40.90      | -48.15 | 0.45     | -95.23 | 48.93    | -13.00 | -40.10 | Vertical |
| 4    | 21187.00 | -63.56 RMS | 38.05      | -31.79 | -9.54    | -95.23 | 34.95    | -13.00 | -50.56 | Vertical |

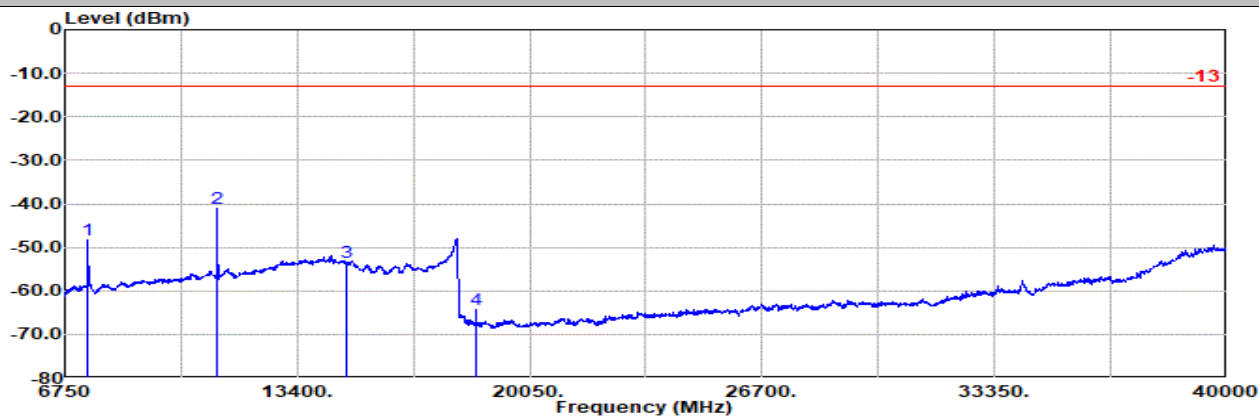


## Ant. 6

## Part 270 Mode 1

NR SA n77 20M Ch647334 1RB1 BPSK

L

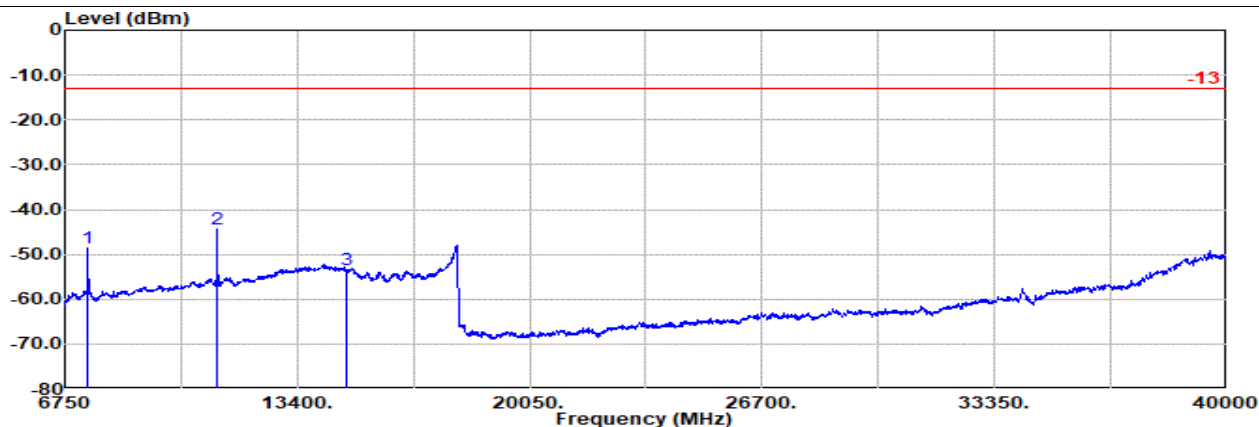


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

NR Band 77 20M Ch647334 1RB1 BPSK

|   | Freq     | Level  | Detector | Ant    |        | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|----------|--------|----------|--------|--------|--------|--------|--------|--------|--------|------------|
|   |          |        |          | Factor | Amp\Cb |        |        |        |        |        |            |
|   | MHz      | dBm    |          | dB/m   | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 7403.00  | -48.41 | RMS      | 36.61  | -53.43 | 0.82   | -95.23 | 62.82  | -13.00 | -35.41 | Horizontal |
| 2 | 11104.00 | -40.97 | RMS      | 38.90  | -51.43 | 0.28   | -95.23 | 66.51  | -13.00 | -27.97 | Horizontal |
| 3 | 14805.00 | -53.51 | RMS      | 40.49  | -48.12 | 0.42   | -95.23 | 48.93  | -13.00 | -40.51 | Horizontal |
| 4 | 18505.00 | -64.16 | RMS      | 38.00  | -34.12 | -9.54  | -95.23 | 36.73  | -13.00 | -51.16 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

NR Band 77 20M Ch647334 1RB1 BPSK

|   | Freq     | Level  | Detector | Ant    |        | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|----------|--------|----------|--------|--------|--------|--------|--------|--------|--------|----------|
|   |          |        |          | Factor | Amp\Cb |        |        |        |        |        |          |
|   | MHz      | dBm    |          | dB/m   | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 7403.00  | -48.67 | RMS      | 36.61  | -53.43 | 0.82   | -95.23 | 62.56  | -13.00 | -35.67 | Vertical |
| 2 | 11104.00 | -44.47 | RMS      | 38.90  | -51.43 | 0.28   | -95.23 | 63.01  | -13.00 | -31.47 | Vertical |
| 3 | 14805.00 | -53.51 | RMS      | 40.49  | -48.12 | 0.42   | -95.23 | 48.93  | -13.00 | -40.51 | Vertical |

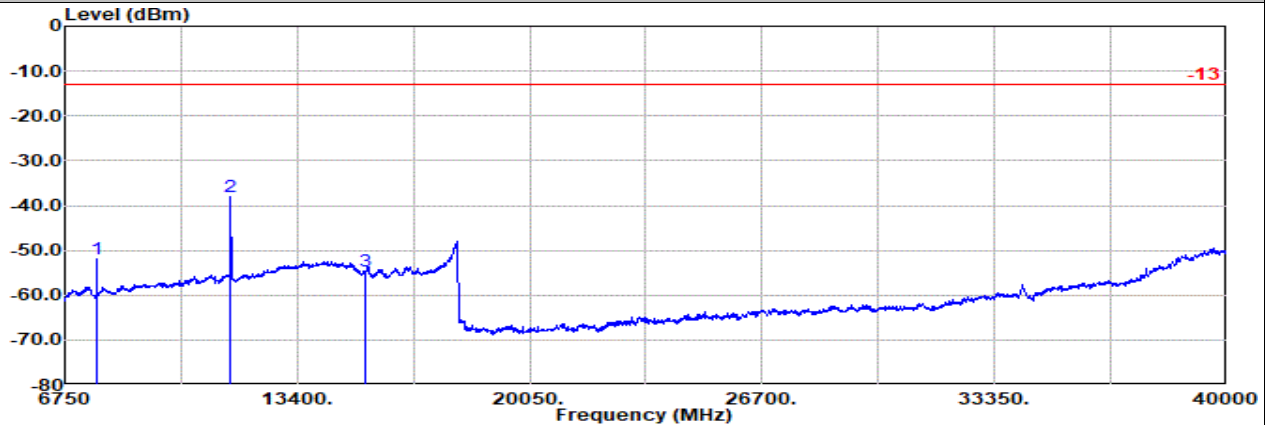


## Ant. 6

## Part 270 Mode 1

NR SA n77 20M Ch656000 1RB1 BPSK

M

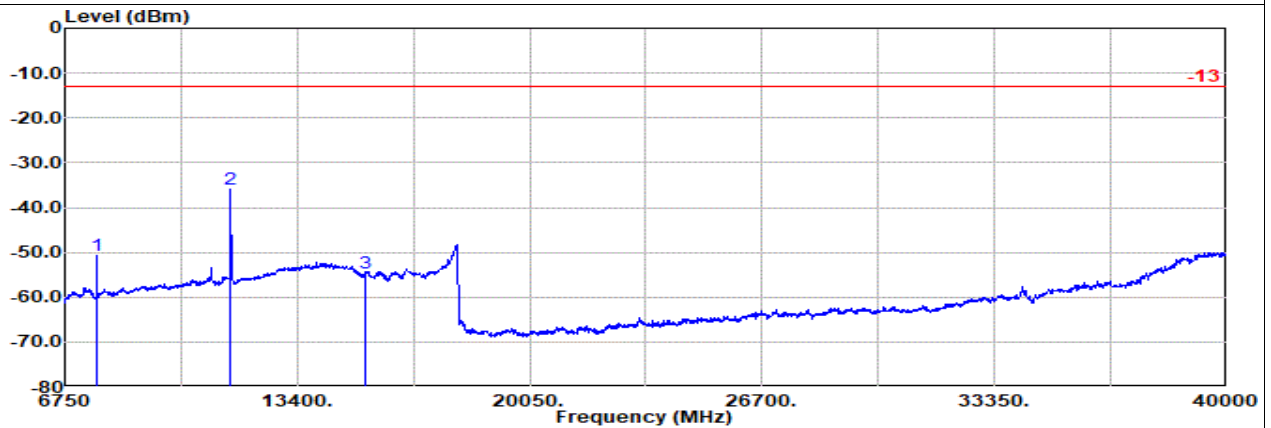


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 77 20M Ch656000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|------------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |            |
|   |             |              |          |                   |        |        |        |             |        |        |            |
| 1 | 7663.00     | -51.88       | RMS      | 36.53             | -53.41 | 0.55   | -95.23 | 59.68       | -13.00 | -38.88 | Horizontal |
| 2 | 11494.00    | -38.02       | RMS      | 39.19             | -50.72 | 0.30   | -95.23 | 68.44       | -13.00 | -25.02 | Horizontal |
| 3 | 15325.00    | -54.73       | RMS      | 38.75             | -48.75 | 0.39   | -95.23 | 50.11       | -13.00 | -41.73 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 77 20M Ch656000 1RB1 BPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|----------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |          |
|   |             |              |          |                   |        |        |        |             |        |        |          |
| 1 | 7663.00     | -50.82       | RMS      | 36.53             | -53.41 | 0.55   | -95.23 | 60.74       | -13.00 | -37.82 | Vertical |
| 2 | 11494.00    | -36.03       | RMS      | 39.19             | -50.72 | 0.30   | -95.23 | 70.43       | -13.00 | -23.03 | Vertical |
| 3 | 15325.00    | -54.78       | RMS      | 38.75             | -48.75 | 0.39   | -95.23 | 50.06       | -13.00 | -41.78 | Vertical |

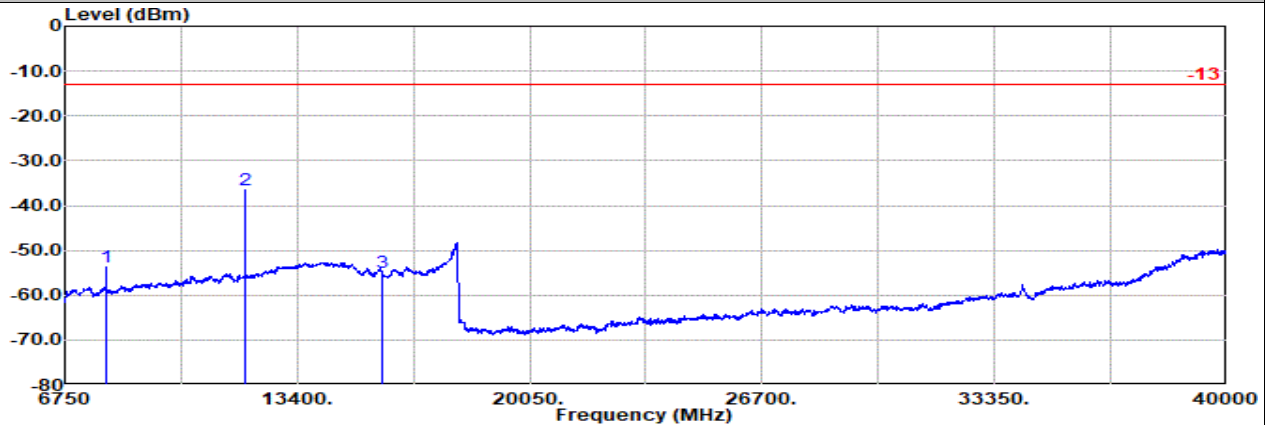


## Ant. 6

## Part 270 Mode 1

NR SA n77 20M Ch664666 1RB1 BPSK

H

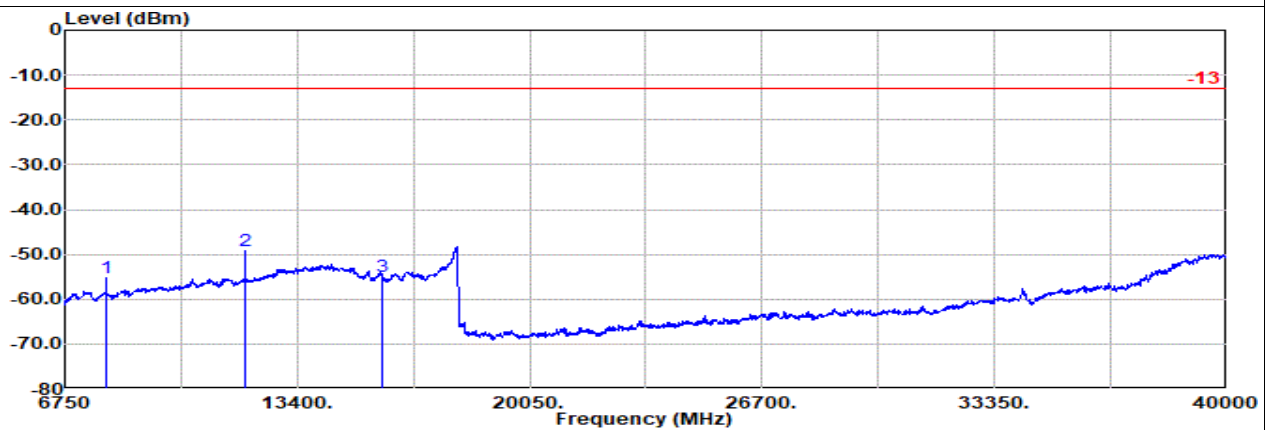


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 77 20M Ch664666 1RB1 BPSK

|   | 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 | 7922.00  | -53.68 | RMS      | 37.10             | -53.47 | 0.53   | -95.23 | 57.39  | -13.00 | -40.68 | Horizontal |
| 2 | 11883.00 | -36.57 | RMS      | 38.83             | -50.18 | 0.31   | -95.23 | 69.70  | -13.00 | -23.57 | Horizontal |
| 3 | 15845.00 | -54.91 | RMS      | 37.81             | -48.36 | 0.37   | -95.23 | 50.50  | -13.00 | -41.91 | Horizontal |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 77 20M Ch664666 1RB1 BPSK

|   | 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 | 7922.00  | -55.35 | RMS      | 37.10             | -53.47 | 0.53   | -95.23 | 55.72  | -13.00 | -42.35 | Vertical |
| 2 | 11883.00 | -49.30 | RMS      | 38.83             | -50.18 | 0.31   | -95.23 | 56.97  | -13.00 | -36.30 | Vertical |
| 3 | 15845.00 | -54.81 | RMS      | 37.81             | -48.36 | 0.37   | -95.23 | 50.60  | -13.00 | -41.81 | Vertical |

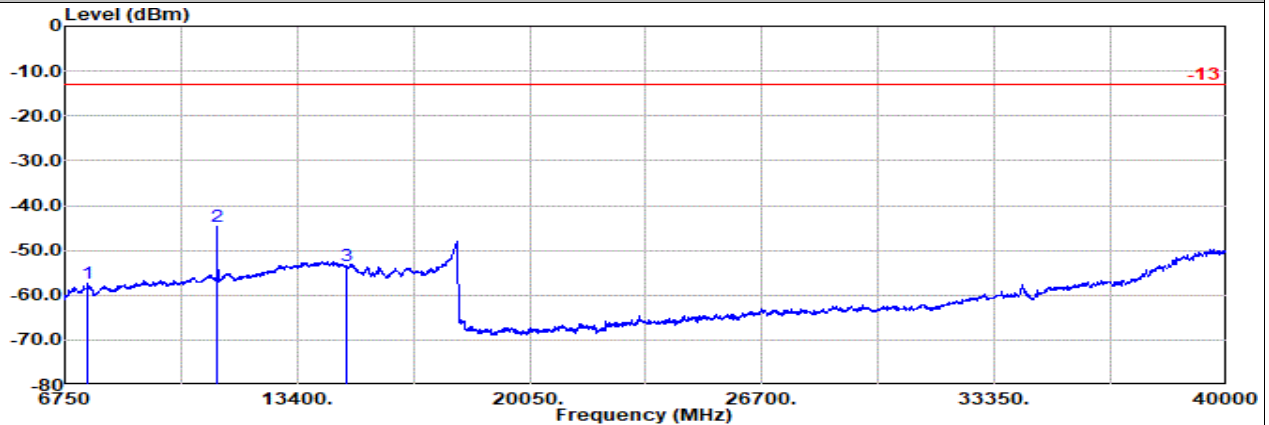


## Ant. 7

## Part 270 Mode 2

NR SA n77 20M Ch647334 1RB1 BPSK

L

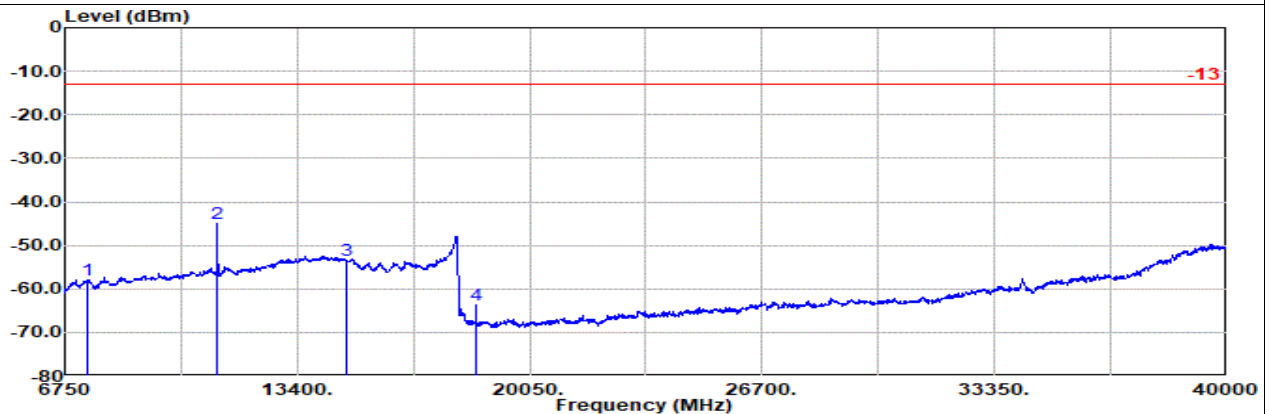


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 77 20M Ch647334 1RB1 BPSK

| Freq | Level    | Detector   | Ant Factor | Amp\Cb |      | Filter | EIRPCF | Reading | Limit  | Margin     | Pol |
|------|----------|------------|------------|--------|------|--------|--------|---------|--------|------------|-----|
|      |          |            |            | dB/m   | dB   |        |        | dBuV    |        |            |     |
| 1    | 7403.00  | -57.41 RMS | 36.61      | -53.43 | 0.82 | -95.23 | 53.82  | -13.00  | -44.41 | Horizontal |     |
| 2    | 11104.00 | -44.78 RMS | 38.90      | -51.43 | 0.28 | -95.23 | 62.70  | -13.00  | -31.78 | Horizontal |     |
| 3    | 14805.00 | -53.32 RMS | 40.49      | -48.12 | 0.42 | -95.23 | 49.12  | -13.00  | -40.32 | Horizontal |     |



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 77 20M Ch647334 1RB1 BPSK

| Freq | Level    | Detector   | Ant Factor | Amp\Cb |       | Filter | EIRPCF | Reading | Limit  | Margin   | Pol |
|------|----------|------------|------------|--------|-------|--------|--------|---------|--------|----------|-----|
|      |          |            |            | dB/m   | dB    |        |        | dBuV    |        |          |     |
| 1    | 7403.00  | -58.10 RMS | 36.61      | -53.43 | 0.82  | -95.23 | 53.13  | -13.00  | -45.10 | Vertical |     |
| 2    | 11104.00 | -45.03 RMS | 38.90      | -51.43 | 0.28  | -95.23 | 62.45  | -13.00  | -32.03 | Vertical |     |
| 3    | 14805.00 | -53.36 RMS | 40.49      | -48.12 | 0.42  | -95.23 | 49.08  | -13.00  | -40.36 | Vertical |     |
| 4    | 18505.00 | -63.64 RMS | 38.00      | -34.12 | -9.54 | -95.23 | 37.25  | -13.00  | -50.64 | Vertical |     |

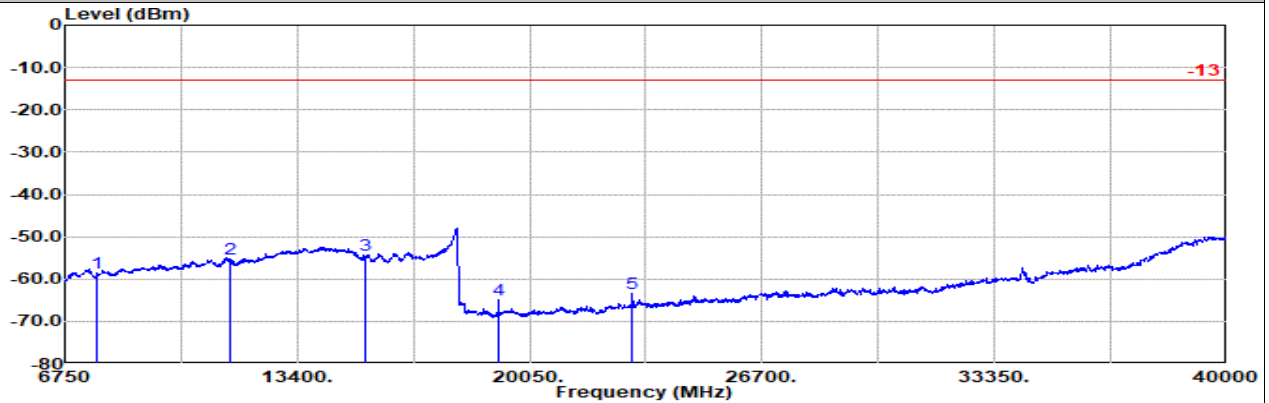


## Ant. 7

## Part 270 Mode 2

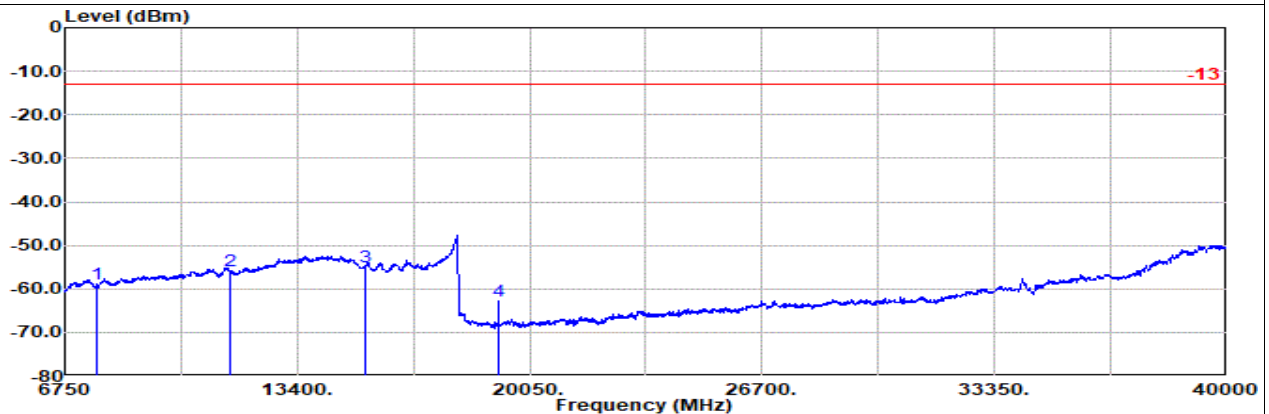
NR SA n77 20M Ch656000 1RB1 BPSK

M



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch656000 1RB1 BPSK

|   | 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 | 7663.00  | -58.71 | RMS      | 36.53         | -53.41      | 0.55   | -95.23 | 52.85       | -13.00 | -45.71 | Horizontal |
| 2 | 11494.00 | -55.18 | RMS      | 39.19         | -50.72      | 0.30   | -95.23 | 51.28       | -13.00 | -42.18 | Horizontal |
| 3 | 15325.00 | -54.40 | RMS      | 38.75         | -48.75      | 0.39   | -95.23 | 50.44       | -13.00 | -41.40 | Horizontal |
| 4 | 19156.00 | -64.88 | RMS      | 38.08         | -33.49      | -9.54  | -95.23 | 35.30       | -13.00 | -51.88 | Horizontal |
| 5 | 22987.00 | -63.54 | RMS      | 38.80         | -31.05      | -9.54  | -95.23 | 33.48       | -13.00 | -50.54 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch656000 1RB1 BPSK

|   | Freq     | Level  | Detector | Ant    | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|----------|--------|----------|--------|--------|--------|--------|--------|--------|--------|----------|
|   |          |        |          | Factor | l      |        |        | g      |        |        |          |
|   | MHz      | dBm    |          | dB/m   | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 7663.00  | -58.93 | RMS      | 36.53  | -53.41 | 0.55   | -95.23 | 52.63  | -13.00 | -45.93 | Vertical |
| 2 | 11494.00 | -55.81 | RMS      | 39.19  | -50.72 | 0.30   | -95.23 | 50.65  | -13.00 | -42.81 | Vertical |
| 3 | 15325.00 | -55.00 | RMS      | 38.75  | -48.75 | 0.39   | -95.23 | 49.84  | -13.00 | -42.00 | Vertical |
| 4 | 19156.00 | -62.81 | RMS      | 38.08  | -33.49 | -9.54  | -95.23 | 37.37  | -13.00 | -49.81 | Vertical |

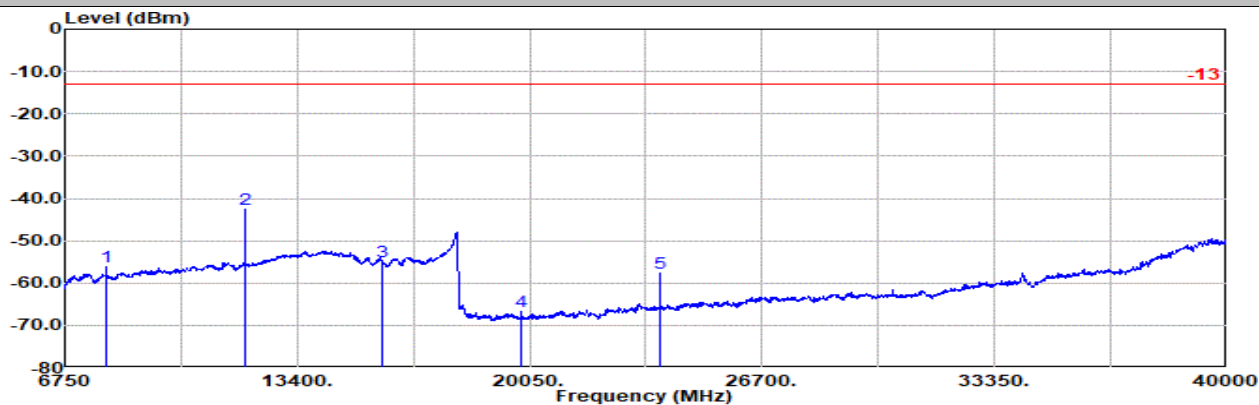


## Ant. 7

## Part 270 Mode 2

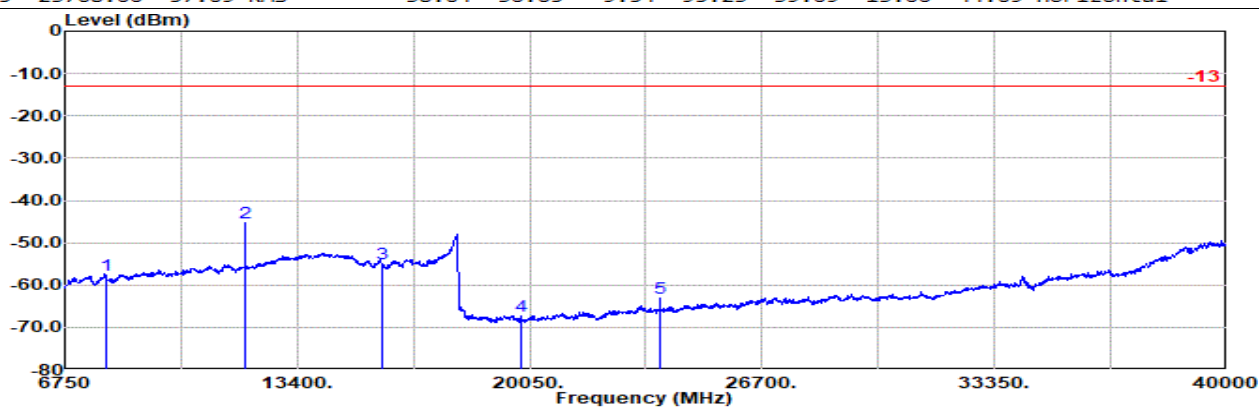
NR SA n77 20M Ch664666 1RB1 BPSK

H



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch664666 1RB1 BPSK

| Freq       | Level  | Detector | Ant    |        | Filter | Readin |       | Limit  | Margin | Pol        |
|------------|--------|----------|--------|--------|--------|--------|-------|--------|--------|------------|
|            |        |          | Factor | Amp\Cb |        | g      | g     |        |        |            |
| MHz        | dBm    |          | dB/m   | dB     | dB     | dB     | dBuV  | dBm    | dB     |            |
| 1 7922.00  | -56.19 | RMS      | 37.10  | -53.47 | 0.53   | -95.23 | 54.88 | -13.00 | -43.19 | Horizontal |
| 2 11883.00 | -42.63 | RMS      | 38.83  | -50.18 | 0.31   | -95.23 | 63.64 | -13.00 | -29.63 | Horizontal |
| 3 15845.00 | -54.93 | RMS      | 37.81  | -48.36 | 0.37   | -95.23 | 50.48 | -13.00 | -41.93 | Horizontal |
| 4 19805.00 | -66.62 | RMS      | 37.61  | -32.86 | -9.54  | -95.23 | 33.40 | -13.00 | -53.62 | Horizontal |
| 5 23768.00 | -57.69 | RMS      | 38.64  | -30.65 | -9.54  | -95.23 | 39.09 | -13.00 | -44.69 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch664666 1RB1 BPSK

| Freq       | Level  | Detector | Ant    |        | Filter | Readin |       | Limit  | Margin | Pol      |
|------------|--------|----------|--------|--------|--------|--------|-------|--------|--------|----------|
|            |        |          | Factor | Amp\Cb |        | g      | g     |        |        |          |
| MHz        | dBm    |          | dB/m   | dB     | dB     | dB     | dBuV  | dBm    | dB     |          |
| 1 7922.00  | -57.63 | RMS      | 37.10  | -53.47 | 0.53   | -95.23 | 53.44 | -13.00 | -44.63 | Vertical |
| 2 11883.00 | -45.32 | RMS      | 38.83  | -50.18 | 0.31   | -95.23 | 60.95 | -13.00 | -32.32 | Vertical |
| 3 15845.00 | -54.91 | RMS      | 37.81  | -48.36 | 0.37   | -95.23 | 50.50 | -13.00 | -41.91 | Vertical |
| 4 19805.00 | -67.41 | RMS      | 37.61  | -32.86 | -9.54  | -95.23 | 32.61 | -13.00 | -54.41 | Vertical |
| 5 23768.00 | -62.97 | RMS      | 38.64  | -30.65 | -9.54  | -95.23 | 33.81 | -13.00 | -49.97 | Vertical |

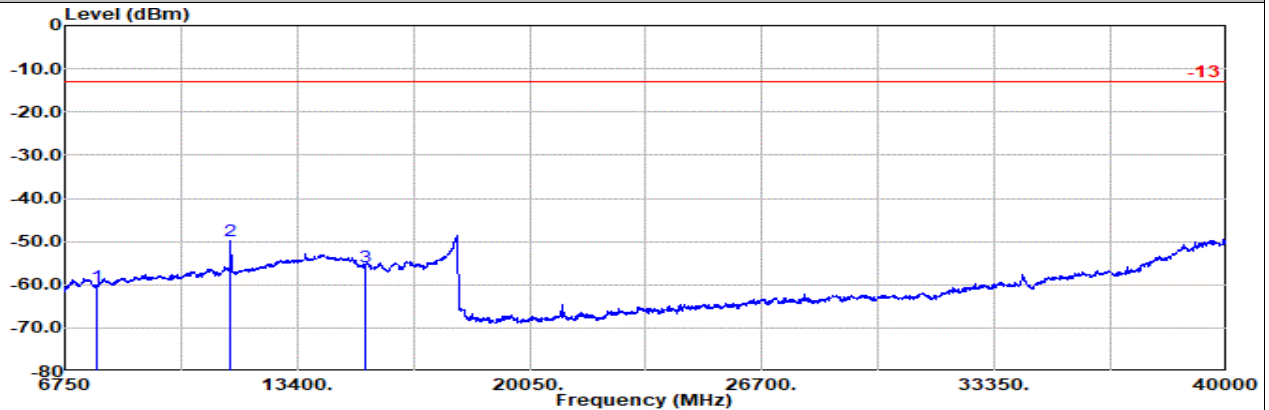


MIMO &lt; Ant. 2+6&gt;

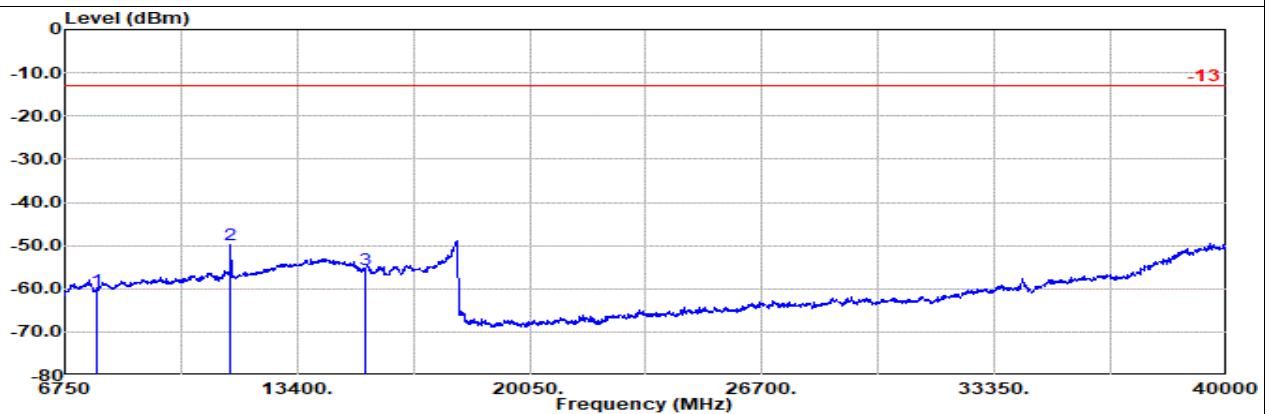
## Part 270 Mode 3

EN-DC B2+n77 10M + 20M Ch18900 1RB0 QPSK + Ch656000 1RB1 BPSK

M



|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|------------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |            |
|   | MHz         | dBm          |          | dB/m              | dB     | dB     | dB     | dBuV        | dBm    | dB     |            |
| 1 | 7662.00     | -60.24       | RMS      | 36.52             | -53.41 | 0.55   | -95.23 | 51.33       | -13.00 | -47.24 | Horizontal |
| 2 | 11493.00    | -49.81       | RMS      | 39.19             | -50.72 | 0.30   | -95.23 | 56.66       | -13.00 | -36.81 | Horizontal |
| 3 | 15325.00    | -55.81       | RMS      | 38.75             | -48.75 | 0.39   | -95.23 | 49.03       | -13.00 | -42.81 | Horizontal |



|   | Freq<br>MHz | Level<br>dBm | Detector | Ant Amp\Cb Filter |        |        |        | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|-------------------|--------|--------|--------|-------------|--------|--------|----------|
|   |             |              |          | Factor            | 1      | EIRPCF |        |             |        |        |          |
|   | MHz         | dBm          |          | dB/m              | dB     | dB     | dB     | dBuV        | dBm    | dB     |          |
| 1 | 7662.00     | -60.26       | RMS      | 36.52             | -53.41 | 0.55   | -95.23 | 51.31       | -13.00 | -47.26 | Vertical |
| 2 | 11493.00    | -49.79       | RMS      | 39.19             | -50.72 | 0.30   | -95.23 | 56.67       | -13.00 | -36.79 | Vertical |
| 3 | 15325.00    | -55.59       | RMS      | 38.75             | -48.75 | 0.39   | -95.23 | 49.25       | -13.00 | -42.59 | Vertical |

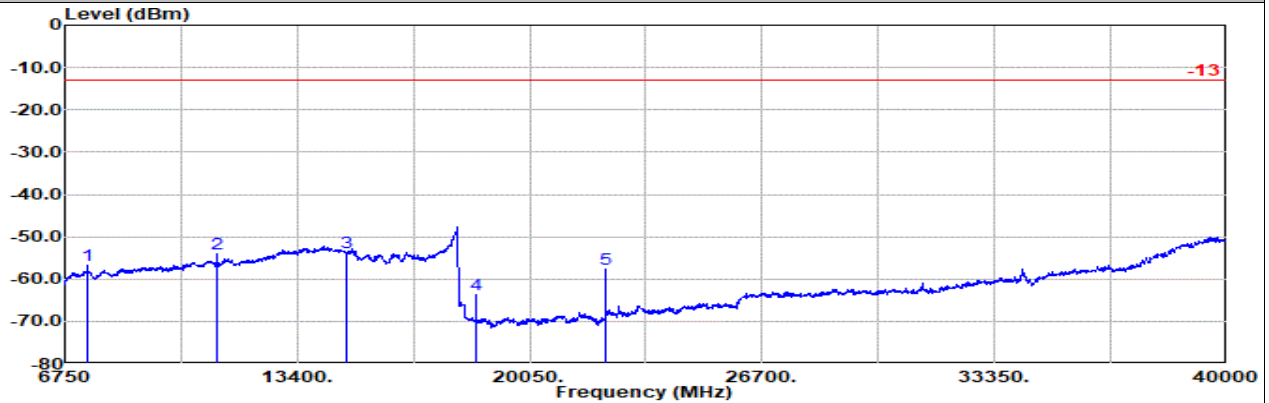


MIMO &lt; Ant. 6+1&gt;

## Part 270 Mode 4

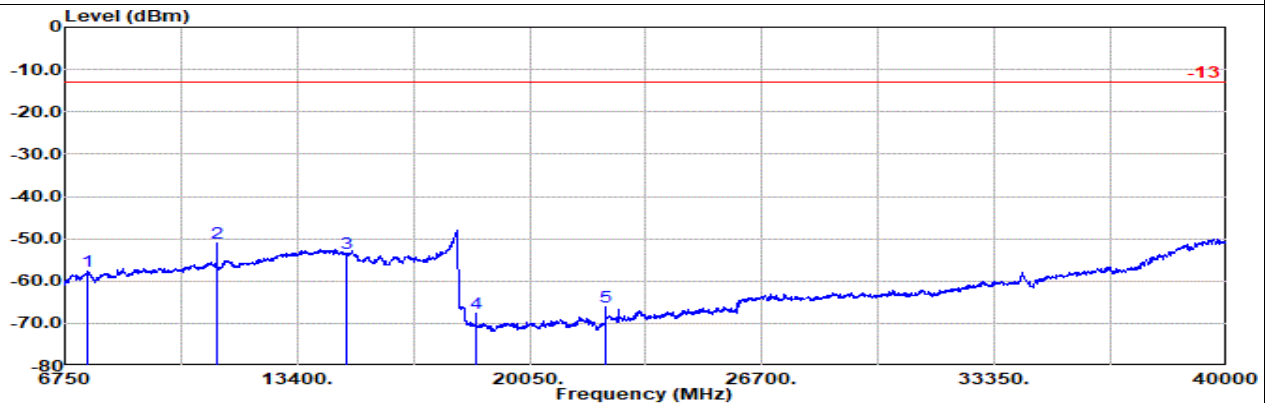
NR SA n77 MIMO 20M Ch647334 1RB1 BPSK

L



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch647334 1RB1 QPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb<br>1 | Filter | EIRPCF | Readin<br>g | Limit<br>dBm | Margin | Pol        |
|---|----------|--------|----------|------------|-------------|--------|--------|-------------|--------------|--------|------------|
|   | MHz      | dBm    |          | dB/m       | dB          | dB     | dB     | dBuV        | dBm          | dB     |            |
| 1 | 7403.00  | -56.70 | RMS      | 36.61      | -53.43      | 0.82   | -95.23 | 54.53       | -13.00       | -43.70 | Horizontal |
| 2 | 11104.00 | -54.04 | RMS      | 38.90      | -51.43      | 0.28   | -95.23 | 53.44       | -13.00       | -41.04 | Horizontal |
| 3 | 14805.00 | -53.67 | RMS      | 40.49      | -48.12      | 0.42   | -95.23 | 48.77       | -13.00       | -40.67 | Horizontal |
| 4 | 18505.00 | -63.65 | RMS      | 38.00      | -34.12      | -9.54  | -95.23 | 37.24       | -13.00       | -50.65 | Horizontal |
| 5 | 22207.00 | -57.58 | RMS      | 37.94      | -31.50      | -9.54  | -95.23 | 40.75       | -13.00       | -44.58 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch647334 1RB1 QPSK

|   | Freq     | Level  | Detector | Ant Factor | Amp\Cb<br>l | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol      |
|---|----------|--------|----------|------------|-------------|--------|--------|-------------|--------|--------|----------|
|   | MHz      | dBm    |          | dB/m       | dB          | dB     | dB     | dBuV        | dBm    | dB     |          |
| 1 | 7403.00  | -57.65 | RMS      | 36.61      | -53.43      | 0.82   | -95.23 | 53.58       | -13.00 | -44.65 | Vertical |
| 2 | 11104.00 | -51.12 | RMS      | 38.90      | -51.43      | 0.28   | -95.23 | 56.36       | -13.00 | -38.12 | Vertical |
| 3 | 14805.00 | -53.58 | RMS      | 40.49      | -48.12      | 0.42   | -95.23 | 48.86       | -13.00 | -40.58 | Vertical |
| 4 | 18505.00 | -67.48 | RMS      | 38.00      | -34.12      | -9.54  | -95.23 | 33.41       | -13.00 | -54.48 | Vertical |
| 5 | 22207.00 | -66.05 | RMS      | 37.94      | -31.50      | -9.54  | -95.23 | 32.28       | -13.00 | -53.05 | Vertical |

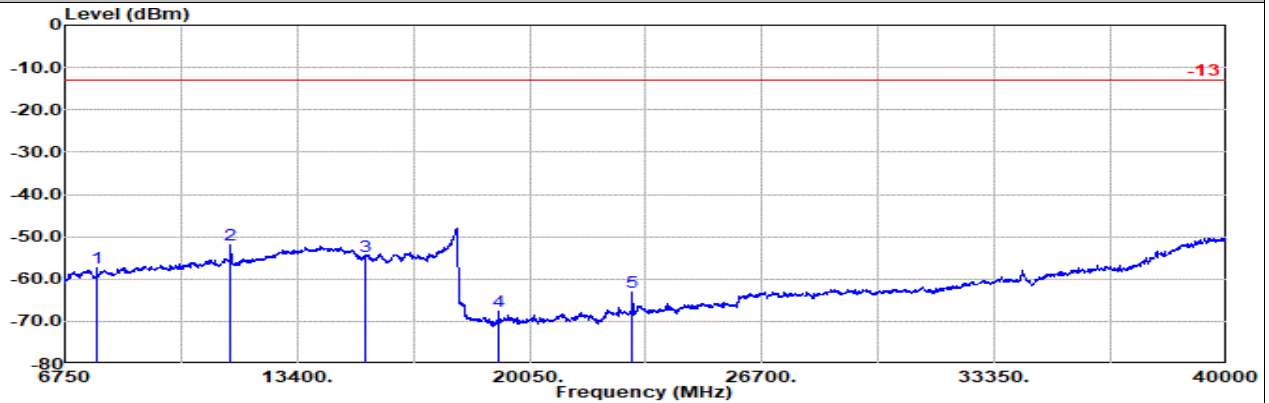


MIMO &lt; Ant. 6+1&gt;

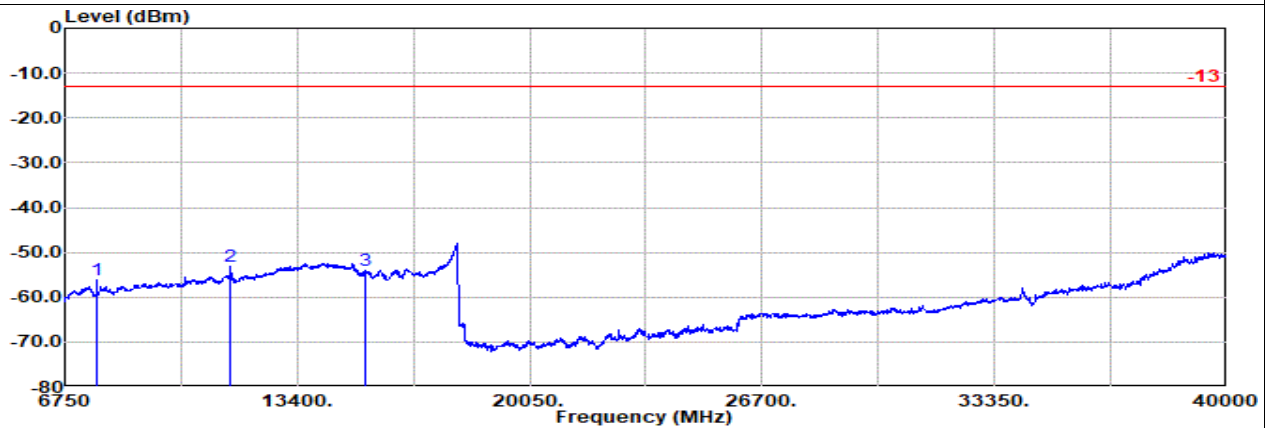
Part 270 Mode 4

NR SA n77 MIMO 20M Ch656000 1RB1 BPSK

M



|   | 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 | 7663.00  | -57.21 | RMS      | 36.53         | -53.41      | 0.55   | -95.23 | 54.35       | -13.00 | -44.21 | Horizontal |
| 2 | 11494.00 | -51.98 | RMS      | 39.19         | -50.72      | 0.30   | -95.23 | 54.48       | -13.00 | -38.98 | Horizontal |
| 3 | 15325.00 | -54.65 | RMS      | 38.75         | -48.75      | 0.39   | -95.23 | 50.19       | -13.00 | -41.65 | Horizontal |
| 4 | 19155.00 | -67.55 | RMS      | 38.08         | -33.49      | -9.54  | -95.23 | 32.63       | -13.00 | -54.55 | Horizontal |
| 5 | 22987.00 | -62.95 | RMS      | 38.80         | -31.05      | -9.54  | -95.23 | 34.07       | -13.00 | -49.95 | Horizontal |



|   | 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 | 7663.00  | -56.09 | RMS      | 36.53         | -53.41      | 0.55   | -95.23 | 55.47       | -13.00 | -43.09 | Vertical |
| 2 | 11494.00 | -53.06 | RMS      | 39.19         | -50.72      | 0.30   | -95.23 | 53.40       | -13.00 | -40.06 | Vertical |
| 3 | 15325.00 | -53.98 | RMS      | 38.75         | -48.75      | 0.39   | -95.23 | 50.86       | -13.00 | -40.98 | Vertical |

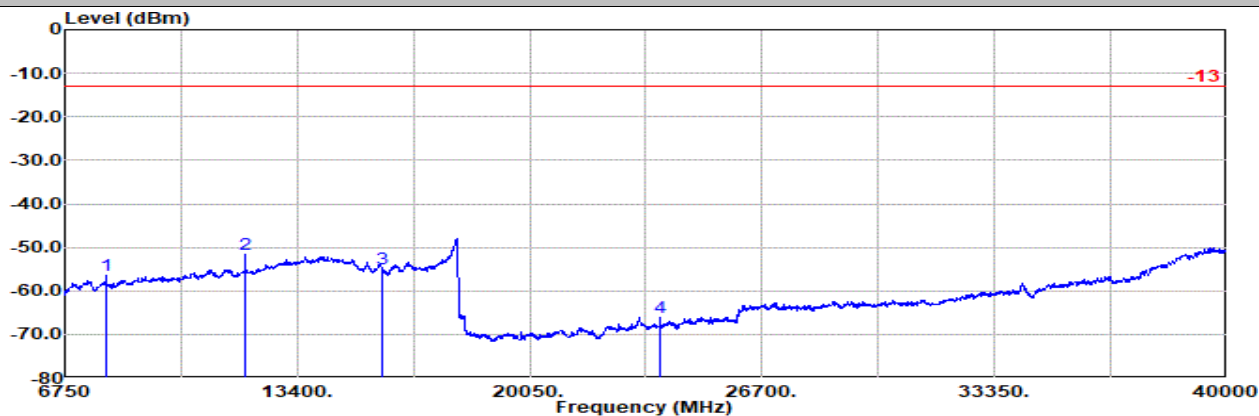


MIMO &lt; Ant. 6+1&gt;

## Part 270 Mode 4

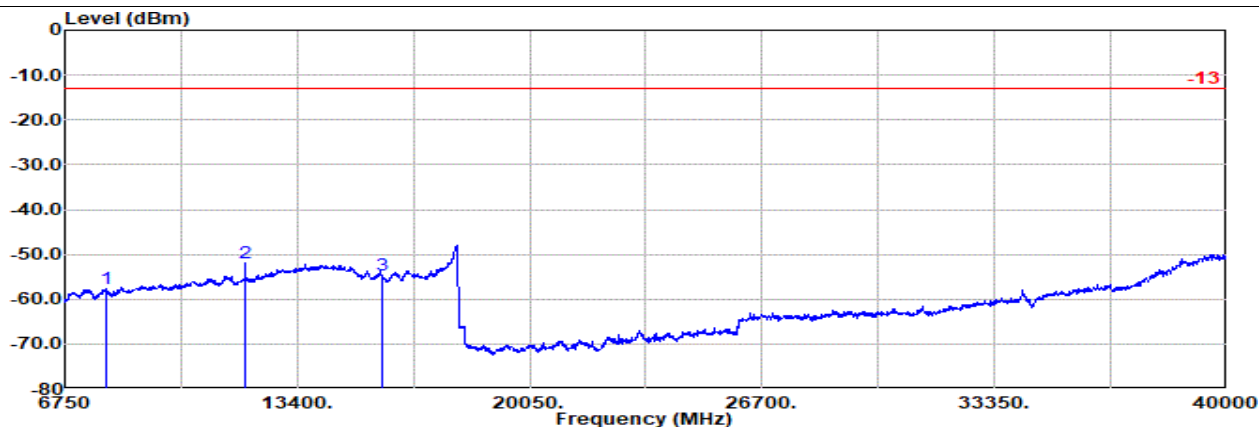
NR SA n77 MIMO 20M Ch664666 1RB1 BPSK

H



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
NR Band 77 20M Ch664666 1RB1 QPSK

|   | Freq     | Level  | Detector | Ant    |        | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|----------|--------|----------|--------|--------|--------|--------|--------|--------|--------|------------|
|   |          |        |          | Factor | Amp\Cb |        |        |        |        |        |            |
|   | MHz      | dBm    |          |        | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 7922.00  | -56.46 | RMS      | 37.10  | -53.47 | 0.53   | -95.23 | 54.61  | -13.00 | -43.46 | Horizontal |
| 2 | 11883.00 | -51.62 | RMS      | 38.83  | -50.18 | 0.31   | -95.23 | 54.65  | -13.00 | -38.62 | Horizontal |
| 3 | 15845.00 | -54.90 | RMS      | 37.81  | -48.36 | 0.37   | -95.23 | 50.51  | -13.00 | -41.90 | Horizontal |
| 4 | 23767.00 | -66.22 | RMS      | 38.63  | -30.65 | -9.54  | -95.23 | 30.57  | -13.00 | -53.22 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
NR Band 77 20M Ch664666 1RB1 QPSK

|   | Freq     | Level  | Detector | Ant    |        | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|----------|--------|----------|--------|--------|--------|--------|--------|--------|--------|----------|
|   |          |        |          | Factor | Amp\Cb |        |        |        |        |        |          |
|   | MHz      | dBm    |          |        | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 7922.00  | -57.63 | RMS      | 37.10  | -53.47 | 0.53   | -95.23 | 53.44  | -13.00 | -44.63 | Vertical |
| 2 | 11883.00 | -51.78 | RMS      | 38.83  | -50.18 | 0.31   | -95.23 | 54.49  | -13.00 | -38.78 | Vertical |
| 3 | 15845.00 | -54.77 | RMS      | 37.81  | -48.36 | 0.37   | -95.23 | 50.64  | -13.00 | -41.77 | Vertical |

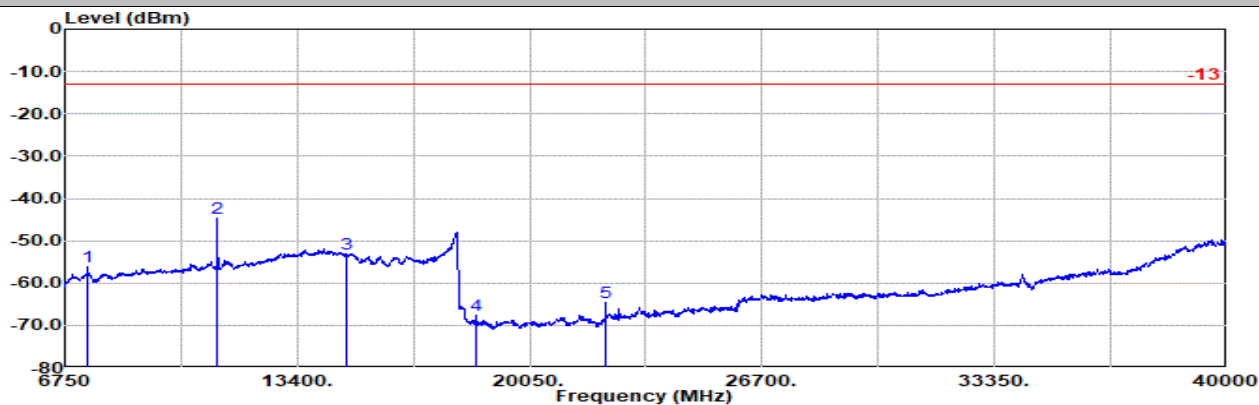


MIMO &lt; Ant. 7+5&gt;

## Part 270 Mode 5

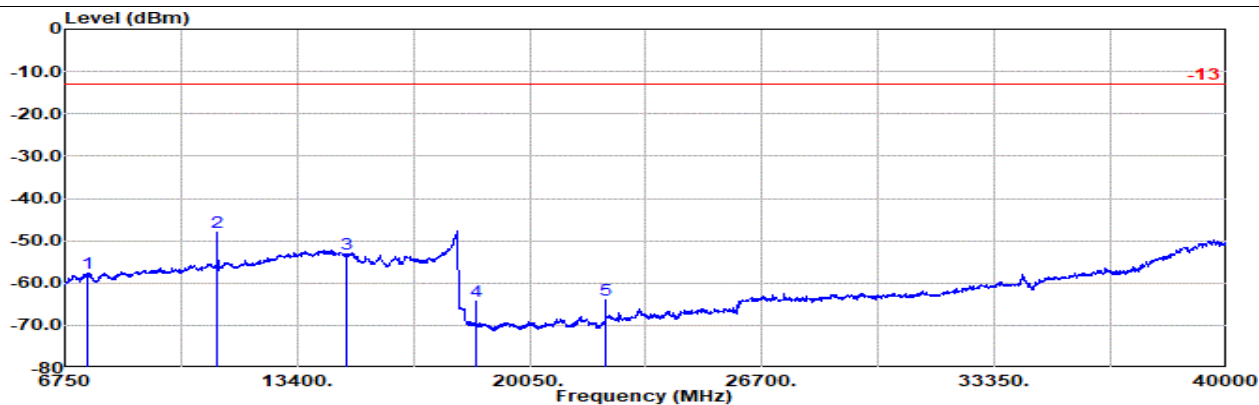
NR SA n77 MIMO 20M Ch647334 1RB1 BPSK

L



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch647334 1RB1 QPSK

| Freq | Level    | Detector   | Ant    |        | Filter | EIRPCF |       | Readin | Limit  | Margin     | Pol |
|------|----------|------------|--------|--------|--------|--------|-------|--------|--------|------------|-----|
|      |          |            | Factor | Amp\Cb |        | 1      |       |        |        |            |     |
| MHz  | dBm      |            |        |        |        |        |       | g      |        |            |     |
| 1    | 7403.00  | -56.25 RMS | 36.61  | -53.43 | 0.82   | -95.23 | 54.98 | -13.00 | -43.25 | Horizontal |     |
| 2    | 11104.00 | -44.59 RMS | 38.90  | -51.43 | 0.28   | -95.23 | 62.89 | -13.00 | -31.59 | Horizontal |     |
| 3    | 14805.00 | -53.13 RMS | 40.49  | -48.12 | 0.42   | -95.23 | 49.31 | -13.00 | -40.13 | Horizontal |     |
| 4    | 18507.00 | -67.66 RMS | 38.00  | -34.12 | -9.54  | -95.23 | 33.23 | -13.00 | -54.66 | Horizontal |     |
| 5    | 22207.00 | -64.71 RMS | 37.94  | -31.50 | -9.54  | -95.23 | 33.62 | -13.00 | -51.71 | Horizontal |     |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch647334 1RB1 QPSK

| Freq | Level    | Detector   | Ant    |        | Filter | EIRPCF |       | Readin | Limit  | Margin   | Pol |
|------|----------|------------|--------|--------|--------|--------|-------|--------|--------|----------|-----|
|      |          |            | Factor | Amp\Cb |        | 1      |       |        |        |          |     |
| MHz  | dBm      |            |        |        |        |        |       | g      |        |          |     |
| 1    | 7403.00  | -57.58 RMS | 36.61  | -53.43 | 0.82   | -95.23 | 53.65 | -13.00 | -44.58 | Vertical |     |
| 2    | 11104.00 | -48.04 RMS | 38.90  | -51.43 | 0.28   | -95.23 | 59.44 | -13.00 | -35.04 | Vertical |     |
| 3    | 14805.00 | -53.22 RMS | 40.49  | -48.12 | 0.42   | -95.23 | 49.22 | -13.00 | -40.22 | Vertical |     |
| 4    | 18507.00 | -64.28 RMS | 38.00  | -34.12 | -9.54  | -95.23 | 36.61 | -13.00 | -51.28 | Vertical |     |
| 5    | 22207.00 | -63.86 RMS | 37.94  | -31.50 | -9.54  | -95.23 | 34.47 | -13.00 | -50.86 | Vertical |     |

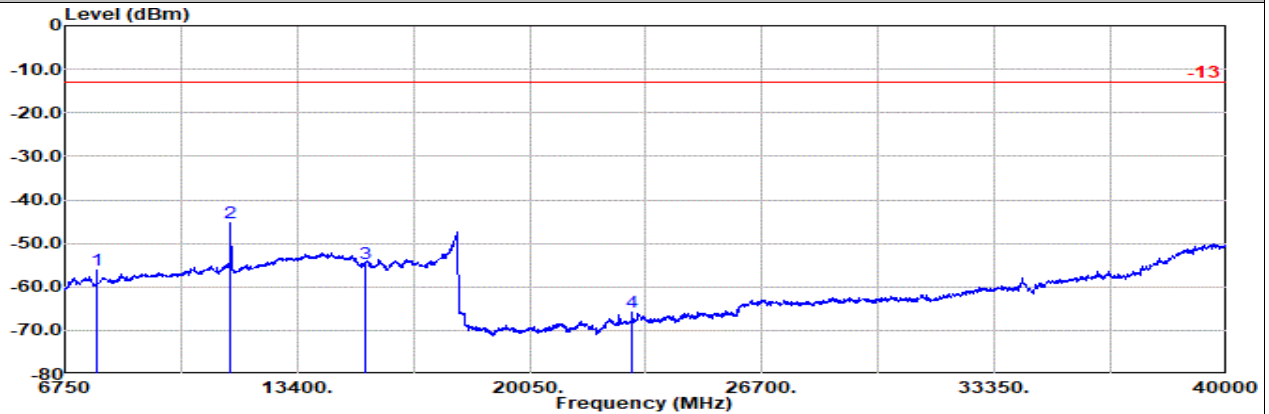


MIMO &lt; Ant. 7+5&gt;

## Part 270 Mode 5

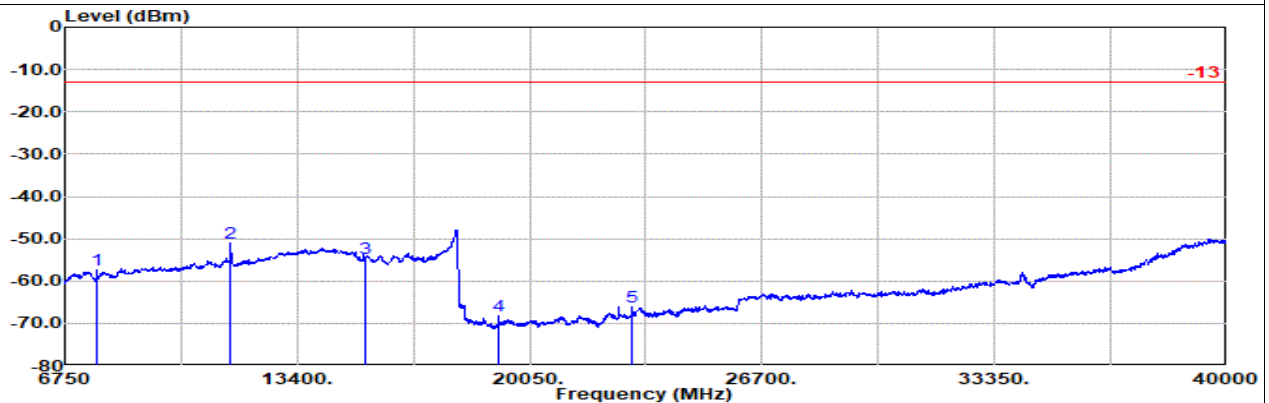
NR SA n77 MIMO 20M Ch656000 1RB1 BPSK

M



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch656000 1RB1 QPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant    |              | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol        |
|---|-------------|--------------|----------|--------|--------------|--------|--------|-------------|--------|--------|------------|
|   |             |              |          | Factor | Amp\Cb<br>dB |        |        |             |        |        |            |
| 1 | 7663.00     | -56.02       | RMS      | 36.53  | -53.41       | 0.55   | -95.23 | 55.54       | -13.00 | -43.02 | Horizontal |
| 2 | 11494.00    | -45.41       | RMS      | 39.19  | -50.72       | 0.30   | -95.23 | 61.05       | -13.00 | -32.41 | Horizontal |
| 3 | 15325.00    | -54.50       | RMS      | 38.75  | -48.75       | 0.39   | -95.23 | 50.34       | -13.00 | -41.50 | Horizontal |
| 4 | 22987.00    | -65.91       | RMS      | 38.80  | -31.05       | -9.54  | -95.23 | 31.11       | -13.00 | -52.91 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch656000 1RB1 QPSK

|   | Freq<br>MHz | Level<br>dBm | Detector | Ant    |              | Filter | EIRPCF | Readin<br>g | Limit  | Margin | Pol      |
|---|-------------|--------------|----------|--------|--------------|--------|--------|-------------|--------|--------|----------|
|   |             |              |          | Factor | Amp\Cb<br>dB |        |        |             |        |        |          |
| 1 | 7663.00     | -57.49       | RMS      | 36.53  | -53.41       | 0.55   | -95.23 | 54.07       | -13.00 | -44.49 | Vertical |
| 2 | 11494.00    | -51.09       | RMS      | 39.19  | -50.72       | 0.30   | -95.23 | 55.37       | -13.00 | -38.09 | Vertical |
| 3 | 15325.00    | -54.70       | RMS      | 38.75  | -48.75       | 0.39   | -95.23 | 50.14       | -13.00 | -41.70 | Vertical |
| 4 | 19155.00    | -68.21       | RMS      | 38.08  | -33.49       | -9.54  | -95.23 | 31.97       | -13.00 | -55.21 | Vertical |
| 5 | 22987.00    | -66.10       | RMS      | 38.80  | -31.05       | -9.54  | -95.23 | 30.92       | -13.00 | -53.10 | Vertical |

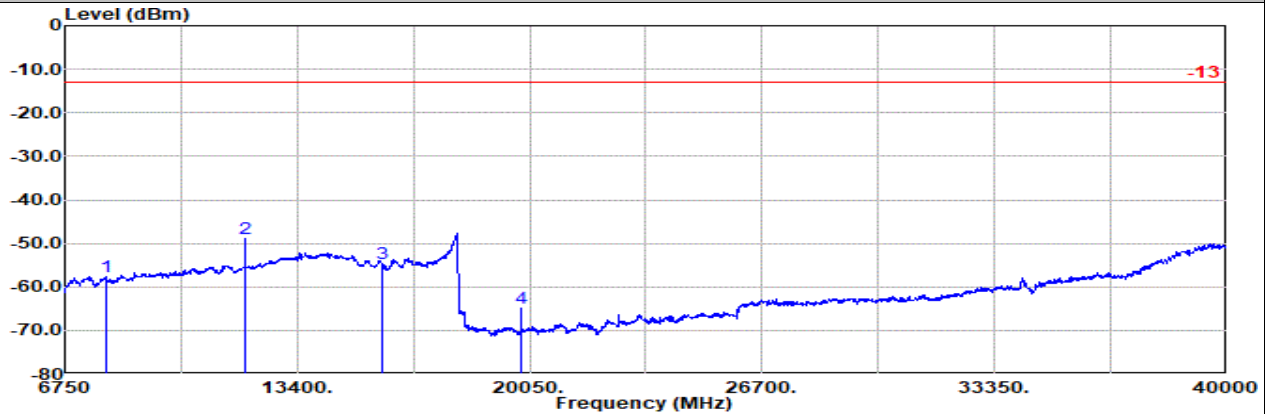


MIMO &lt; Ant. 7+5&gt;

## Part 270 Mode 5

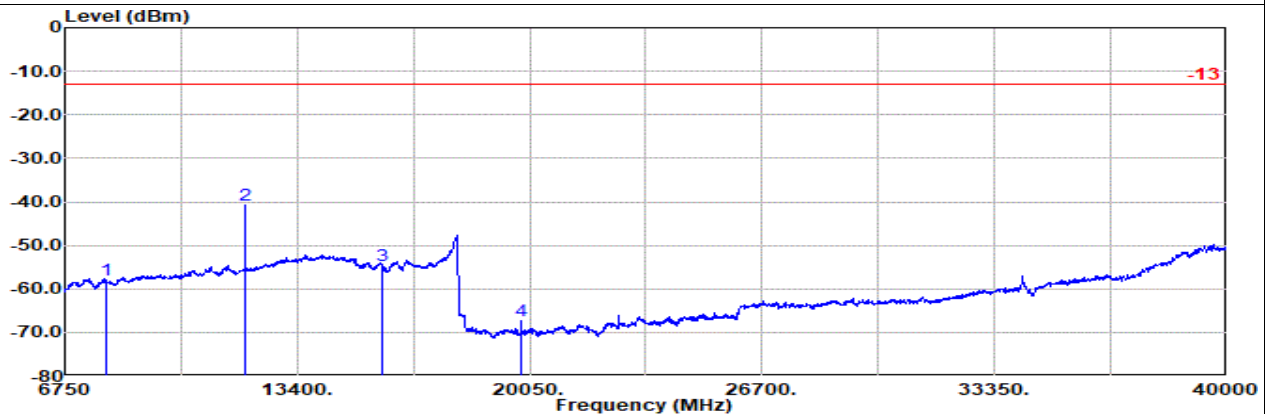
NR SA n77 MIMO 20M Ch664666 1RB1 BPSK

H



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Horizontal  
: NR Band 77 20M Ch664666 1RB1 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    | 7922.00  | -57.68 RMS | 37.10      | -53.47 | 0.53   | -95.23 | 53.39  | -13.00 | -44.68 | Horizontal |
| 2    | 11883.00 | -49.01 RMS | 38.83      | -50.18 | 0.31   | -95.23 | 57.26  | -13.00 | -36.01 | Horizontal |
| 3    | 15845.00 | -54.54 RMS | 37.81      | -48.36 | 0.37   | -95.23 | 50.87  | -13.00 | -41.54 | Horizontal |
| 4    | 19805.00 | -65.05 RMS | 37.61      | -32.86 | -9.54  | -95.23 | 34.97  | -13.00 | -52.05 | Horizontal |



Site : 03CH12-HY  
Condition: -13 3m 9120D-02114-240711 Vertical  
: NR Band 77 20M Ch664666 1RB1 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    | 7922.00  | -58.07 RMS | 37.10      | -53.47 | 0.53   | -95.23 | 53.00  | -13.00 | -45.07 | Vertical |
| 2    | 11883.00 | -40.75 RMS | 38.83      | -50.18 | 0.31   | -95.23 | 65.52  | -13.00 | -27.75 | Vertical |
| 3    | 15845.00 | -54.50 RMS | 37.81      | -48.36 | 0.37   | -95.23 | 50.91  | -13.00 | -41.50 | Vertical |
| 4    | 19805.00 | -67.18 RMS | 37.61      | -32.86 | -9.54  | -95.23 | 32.84  | -13.00 | -54.18 | Vertical |

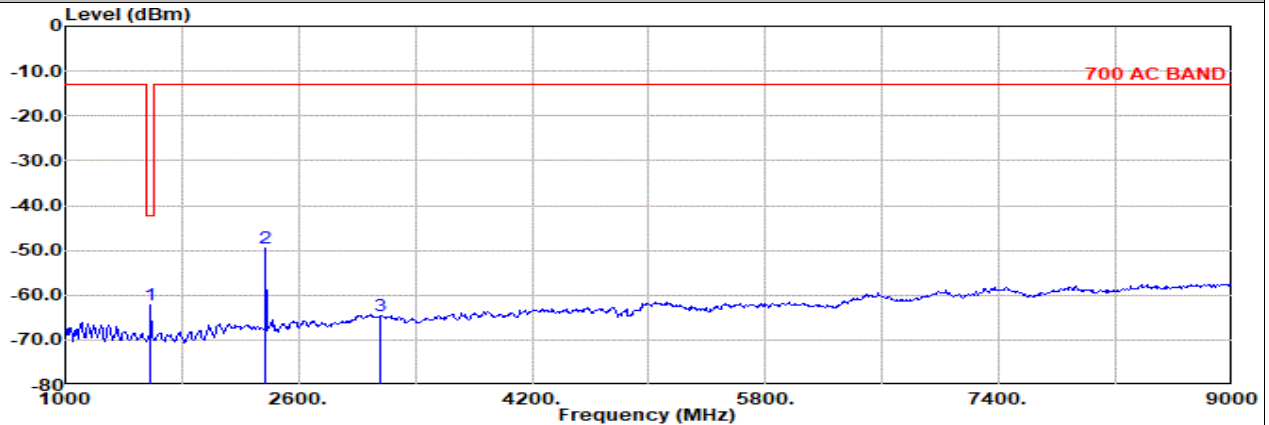


Ant. 0

Part 90R Mode 1

NR SA n14 5M Ch158100 1RB0 QPSK

L

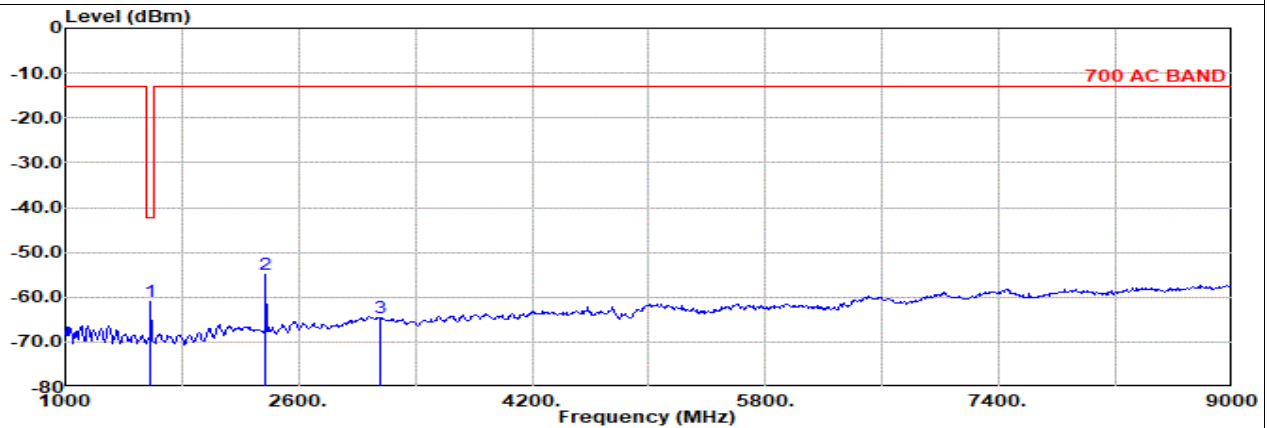


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

: NR SA n14 5M Ch158100 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1577.00 | -62.18 | RMS      | 25.47      | -61.14 | 0.82   | -95.23 | 67.90  | -42.15 | -20.03 | Horizontal |
| 2 | 2366.00 | -49.45 | RMS      | 27.40      | -59.92 | 0.56   | -95.23 | 77.74  | -13.00 | -36.45 | Horizontal |
| 3 | 3154.00 | -64.46 | RMS      | 29.88      | -58.32 | 0.38   | -95.23 | 58.83  | -13.00 | -51.46 | Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

: NR SA n14 5M Ch158100 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1577.00 | -60.99 | RMS      | 25.47      | -61.14 | 0.82   | -95.23 | 69.09  | -42.15 | -18.84 | Vertical |
| 2 | 2366.00 | -54.92 | RMS      | 27.40      | -59.92 | 0.56   | -95.23 | 72.27  | -13.00 | -41.92 | Vertical |
| 3 | 3154.00 | -64.56 | RMS      | 29.88      | -58.32 | 0.38   | -95.23 | 58.73  | -13.00 | -51.56 | Vertical |

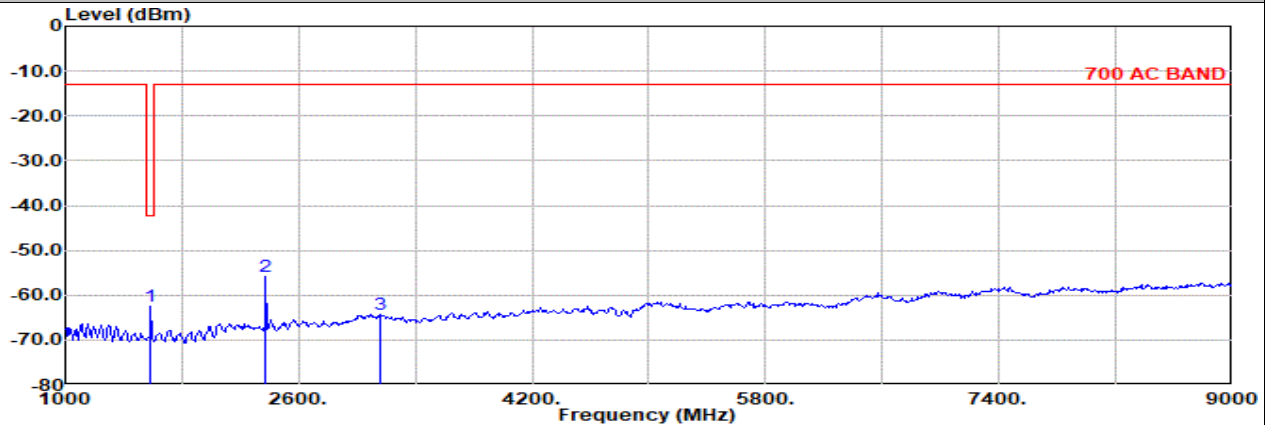


Ant. 0

Part 90R Mode 1

NR SA n14 5M Ch158600 1RB0 QPSK

M

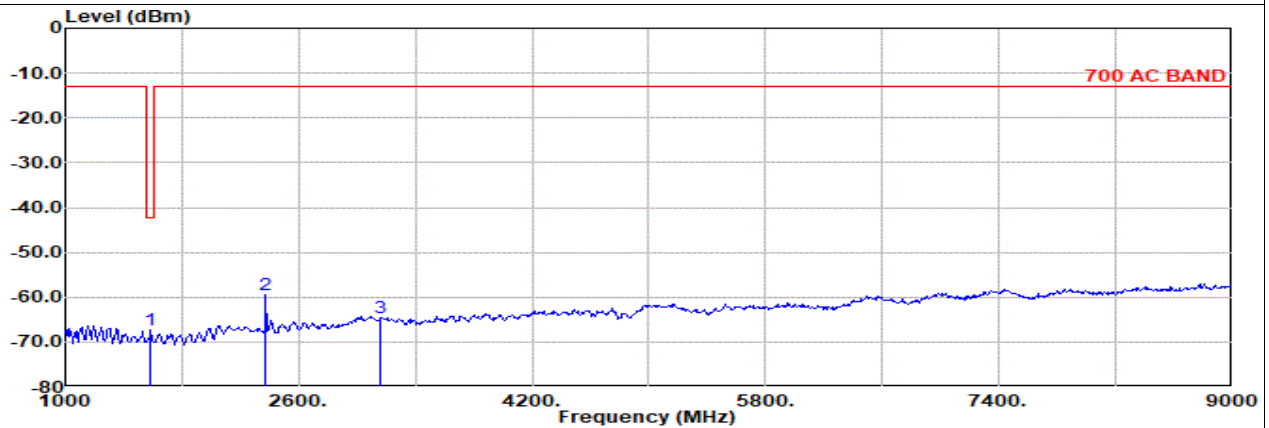


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

: NR SA n14 5M Ch158600 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1582.00 | -62.54 | RMS      | 25.52      | -61.12 | 0.81   | -95.23 | 67.48  | -42.15 | -20.39 | Horizontal |
| 2 | 2373.00 | -55.86 | RMS      | 27.37      | -59.91 | 0.56   | -95.23 | 71.35  | -13.00 | -42.86 | Horizontal |
| 3 | 3164.00 | -64.36 | RMS      | 29.84      | -58.30 | 0.38   | -95.23 | 58.95  | -13.00 | -51.36 | Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

: NR SA n14 5M Ch158600 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1582.00 | -67.43 | RMS      | 25.52      | -61.12 | 0.81   | -95.23 | 62.59  | -42.15 | -25.28 | Vertical |
| 2 | 2373.00 | -59.33 | RMS      | 27.37      | -59.91 | 0.56   | -95.23 | 67.88  | -13.00 | -46.33 | Vertical |
| 3 | 3164.00 | -64.59 | RMS      | 29.84      | -58.30 | 0.38   | -95.23 | 58.72  | -13.00 | -51.59 | Vertical |

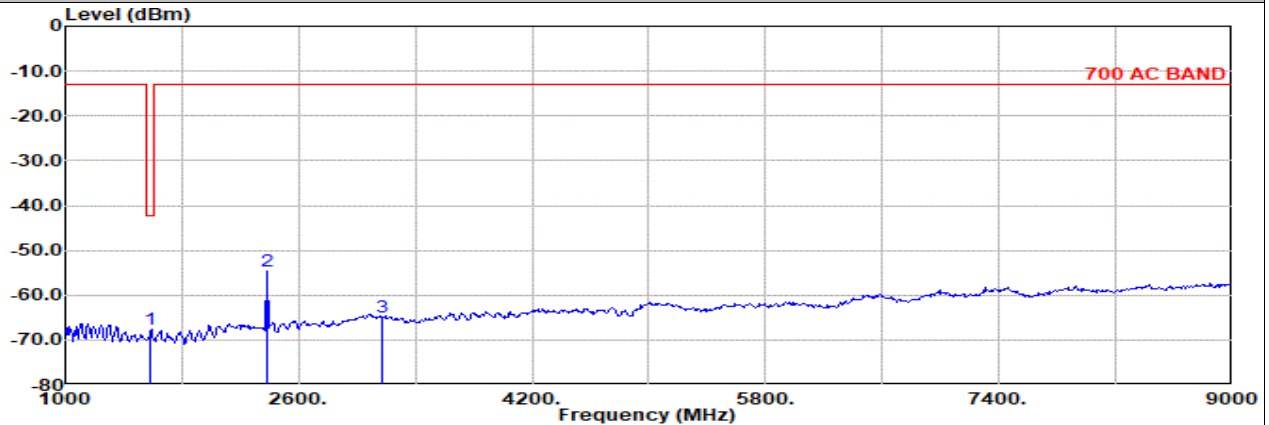


Ant. 0

Part 90R Mode 1

NR SA n14 5M Ch159100 1RB0 QPSK

H

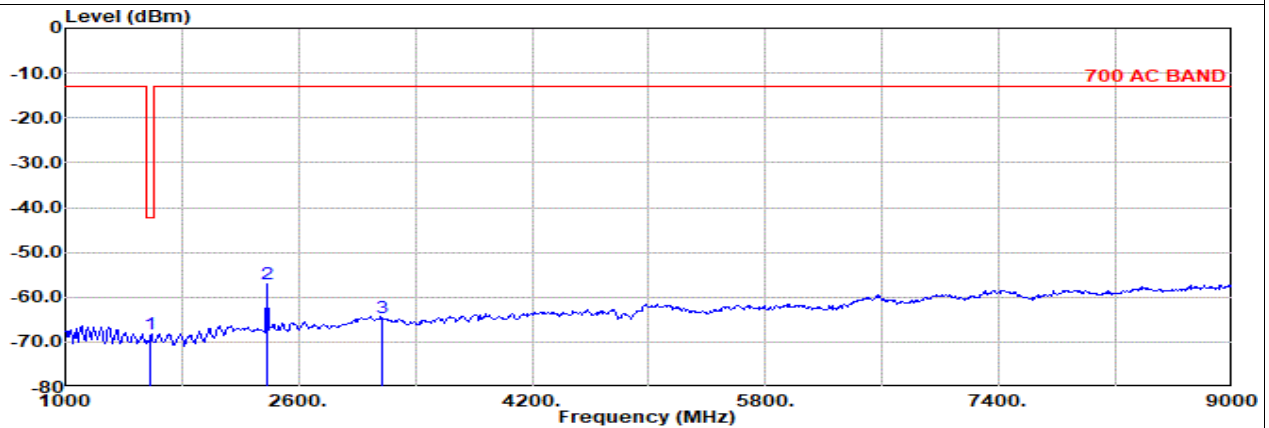


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

NR SA n14 5M Ch159100 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1587.00 | -67.49 | RMS      | 25.57      | -61.11 | 0.80   | -95.23 | 62.48  | -42.15 | -25.34 | Horizontal |
| 2 | 2380.00 | -54.62 | RMS      | 27.30      | -59.90 | 0.55   | -95.23 | 72.66  | -13.00 | -41.62 | Horizontal |
| 3 | 3174.00 | -64.76 | RMS      | 29.80      | -58.29 | 0.38   | -95.23 | 58.58  | -13.00 | -51.76 | Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

NR SA n14 5M Ch159100 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1587.00 | -68.28 | RMS      | 25.57      | -61.11 | 0.80   | -95.23 | 61.69  | -42.15 | -26.13 | Vertical |
| 2 | 2380.00 | -57.17 | RMS      | 27.30      | -59.90 | 0.55   | -95.23 | 70.11  | -13.00 | -44.17 | Vertical |
| 3 | 3174.00 | -64.47 | RMS      | 29.80      | -58.29 | 0.38   | -95.23 | 58.87  | -13.00 | -51.47 | Vertical |

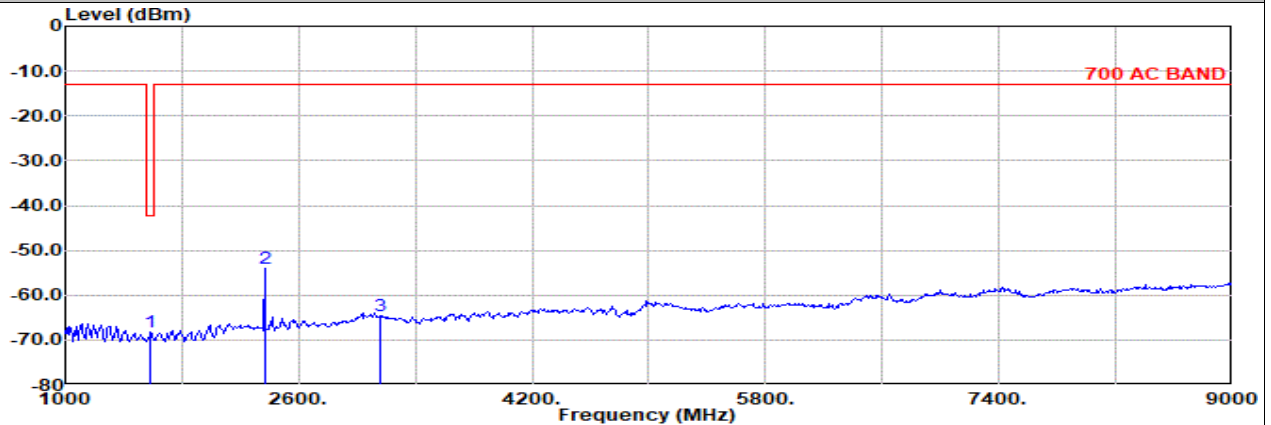


Ant. 0

## Part 90R Mode 2

NR SA n14 10M Ch158600 1RB0 QPSK

M

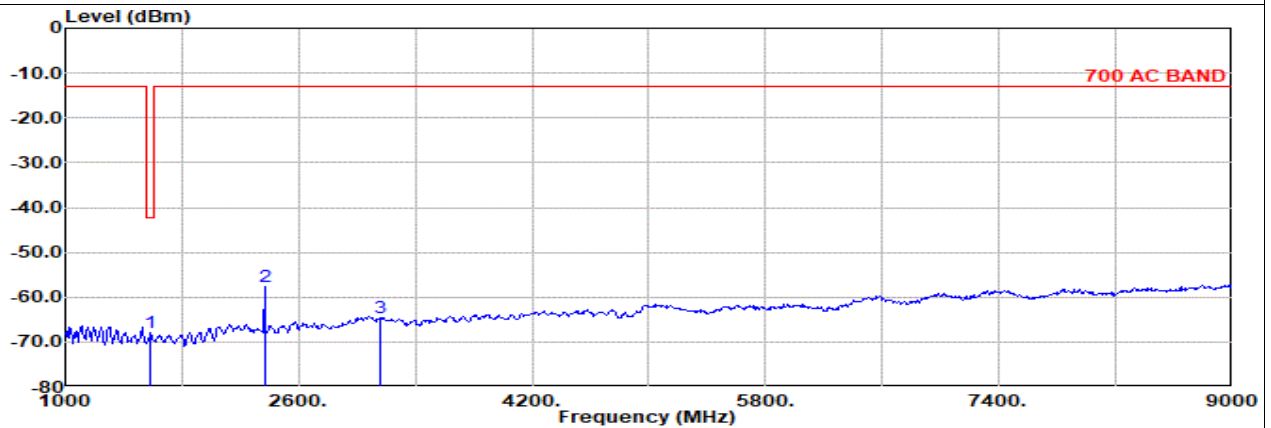


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

: NR SA n14 10M Ch158600 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1578.00 | -68.26 | RMS      | 25.48      | -61.13 | 0.82   | -95.23 | 61.80  | -42.15 | -26.11 | Horizontal |
| 2 | 2366.00 | -53.95 | RMS      | 27.40      | -59.92 | 0.56   | -95.23 | 73.24  | -13.00 | -40.95 | Horizontal |
| 3 | 3155.00 | -64.57 | RMS      | 29.88      | -58.31 | 0.38   | -95.23 | 58.71  | -13.00 | -51.57 | Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

: NR SA n14 10M Ch158600 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1578.00 | -67.82 | RMS      | 25.48      | -61.13 | 0.82   | -95.23 | 62.24  | -42.15 | -25.67 | Vertical |
| 2 | 2366.00 | -57.70 | RMS      | 27.40      | -59.92 | 0.56   | -95.23 | 69.49  | -13.00 | -44.70 | Vertical |
| 3 | 3155.00 | -64.51 | RMS      | 29.88      | -58.31 | 0.38   | -95.23 | 58.77  | -13.00 | -51.51 | Vertical |

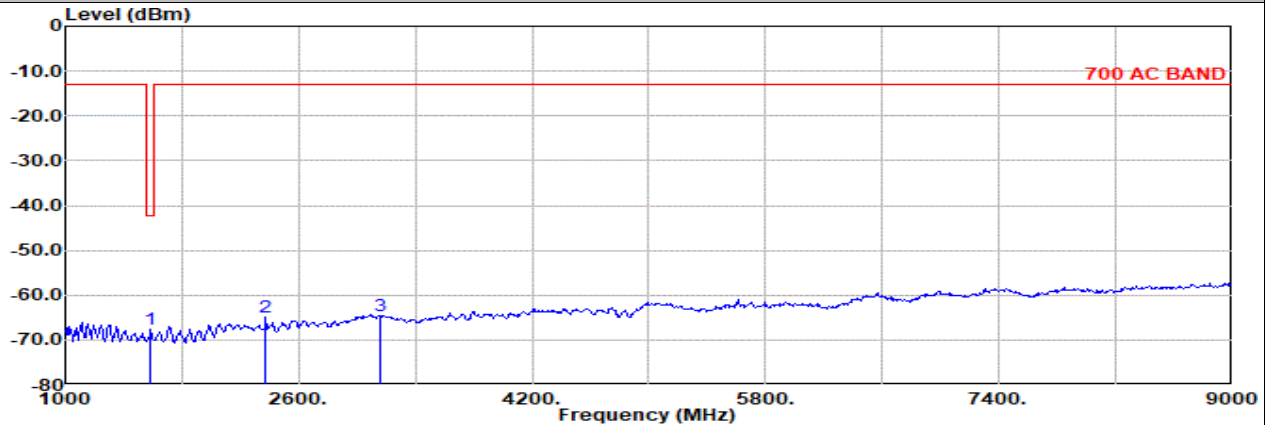


## Ant. 1

## Part 90R Mode 3

NR SA n14 5M Ch158100 1RB0 QPSK

L

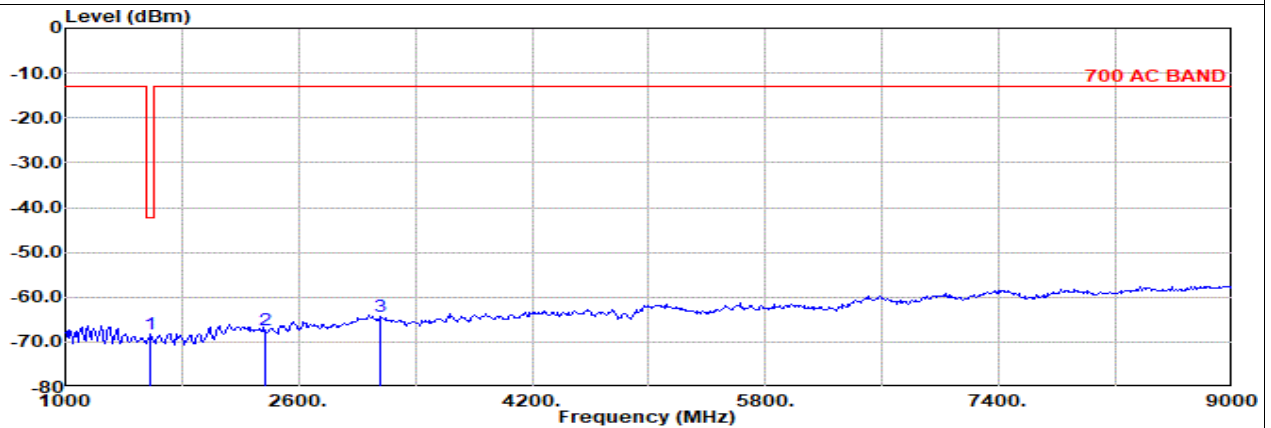


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

NR SA n14 5M Ch158100 1RB1 BPSK

|   | 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 | 1577.00 | -67.72 | RMS      | 25.47             | -61.14 | 0.82   | -95.23 | 62.36 | -42.15 | -25.57 Horizontal |
| 2 | 2366.00 | -64.85 | RMS      | 27.40             | -59.92 | 0.56   | -95.23 | 62.34 | -13.00 | -51.85 Horizontal |
| 3 | 3154.00 | -64.59 | RMS      | 29.88             | -58.32 | 0.38   | -95.23 | 58.70 | -13.00 | -51.59 Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

NR SA n14 5M Ch158100 1RB1 BPSK

|   | 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 | 1577.00 | -68.36 | RMS      | 25.47             | -61.14 | 0.82   | -95.23 | 61.72 | -42.15 | -26.21 Vertical |
| 2 | 2366.00 | -67.34 | RMS      | 27.40             | -59.92 | 0.56   | -95.23 | 59.85 | -13.00 | -54.34 Vertical |
| 3 | 3154.00 | -64.27 | RMS      | 29.88             | -58.32 | 0.38   | -95.23 | 59.02 | -13.00 | -51.27 Vertical |

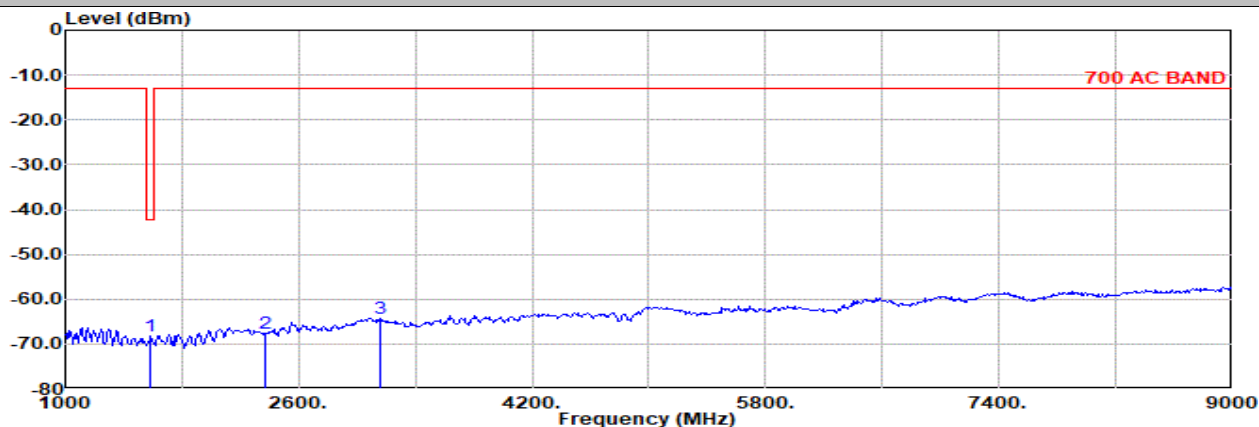


Ant. 1

Part 90R Mode 3

NR SA n14 5M Ch158600 1RB0 QPSK

M

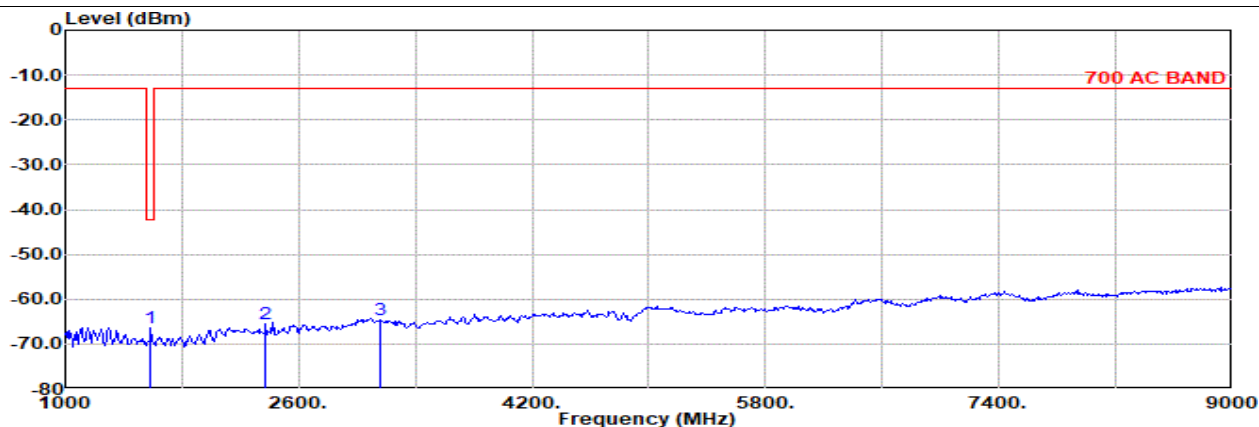


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

NR SA n14 5M Ch158600 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1582.00 | -68.26 | RMS      | 25.52      | -61.12 | 0.81   | -95.23 | 61.76  | -42.15 | -26.11 | Horizontal |
| 2 | 2373.00 | -67.64 | RMS      | 27.37      | -59.91 | 0.56   | -95.23 | 59.57  | -13.00 | -54.64 | Horizontal |
| 3 | 3164.00 | -64.22 | RMS      | 29.84      | -58.30 | 0.38   | -95.23 | 59.09  | -13.00 | -51.22 | Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

NR SA n14 5M Ch158600 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1582.00 | -66.48 | RMS      | 25.52      | -61.12 | 0.81   | -95.23 | 63.54  | -42.15 | -24.33 | Vertical |
| 2 | 2373.00 | -65.41 | RMS      | 27.37      | -59.91 | 0.56   | -95.23 | 61.80  | -13.00 | -52.41 | Vertical |
| 3 | 3164.00 | -64.56 | RMS      | 29.84      | -58.30 | 0.38   | -95.23 | 58.75  | -13.00 | -51.56 | Vertical |

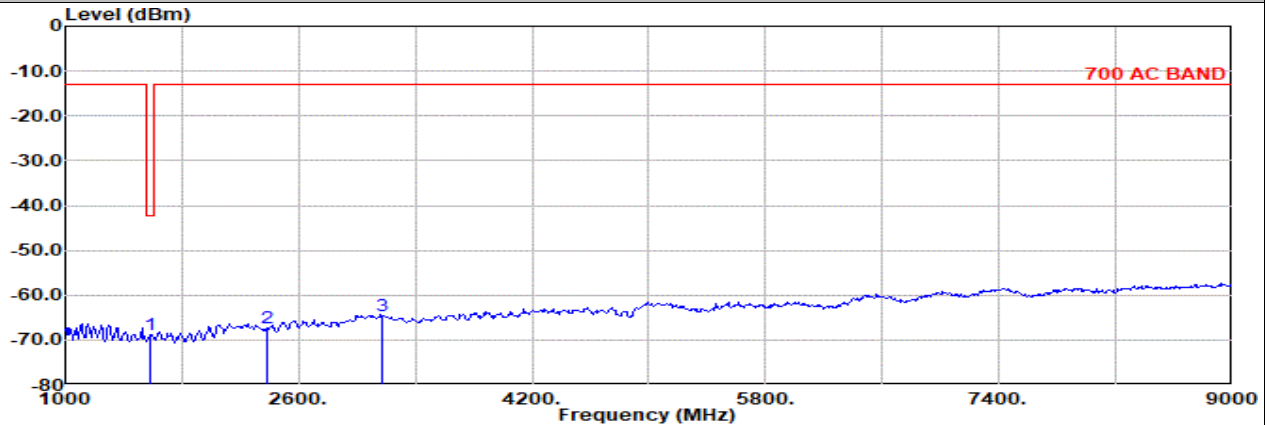


Ant. 1

Part 90R Mode 3

NR SA n14 5M Ch159100 1RB0 QPSK

H

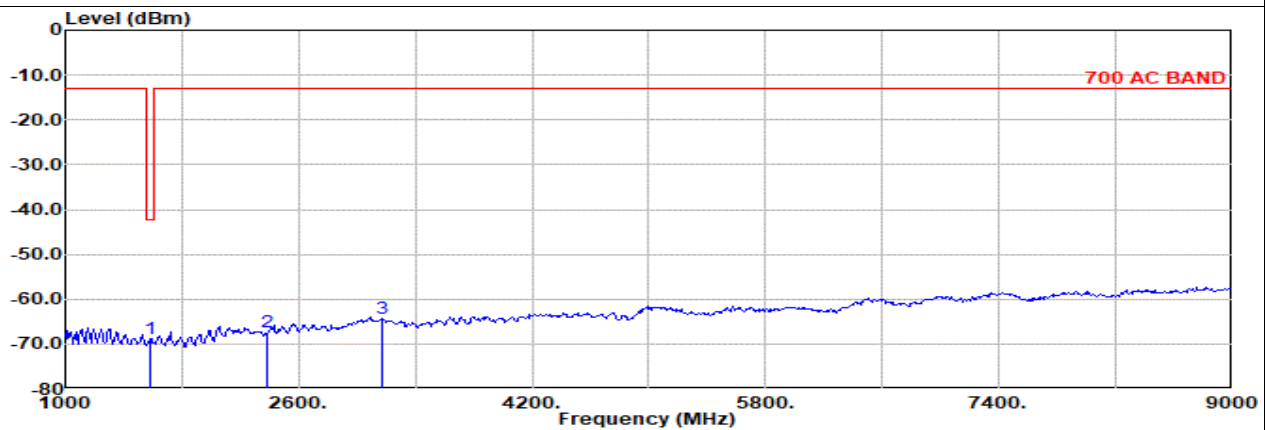


Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Horizontal

NR SA n14 5M Ch159100 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol        |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|------------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |            |
| 1 | 1587.00 | -68.79 | RMS      | 25.57      | -61.11 | 0.80   | -95.23 | 61.18  | -42.15 | -26.64 | Horizontal |
| 2 | 2380.00 | -67.22 | RMS      | 27.30      | -59.90 | 0.55   | -95.23 | 60.06  | -13.00 | -54.22 | Horizontal |
| 3 | 3174.00 | -64.61 | RMS      | 29.80      | -58.29 | 0.38   | -95.23 | 58.73  | -13.00 | -51.61 | Horizontal |



Site : 03CH12-HY

Condition: 700 AC BAND 3m 9120D-02114-240711 Vertical

NR SA n14 5M Ch159100 1RB1 BPSK

|   | Freq    | Level  | Detector | Ant Factor | Amp\Cb | Filter | EIRPCF | Readin | Limit  | Margin | Pol      |
|---|---------|--------|----------|------------|--------|--------|--------|--------|--------|--------|----------|
|   | MHz     | dBm    |          |            | dB     | dB     | dB     | dBuV   | dBm    | dB     |          |
| 1 | 1587.00 | -68.78 | RMS      | 25.57      | -61.11 | 0.80   | -95.23 | 61.19  | -42.15 | -26.63 | Vertical |
| 2 | 2380.00 | -67.46 | RMS      | 27.30      | -59.90 | 0.55   | -95.23 | 59.82  | -13.00 | -54.46 | Vertical |
| 3 | 3174.00 | -64.42 | RMS      | 29.80      | -58.29 | 0.38   | -95.23 | 58.92  | -13.00 | -51.42 | Vertical |