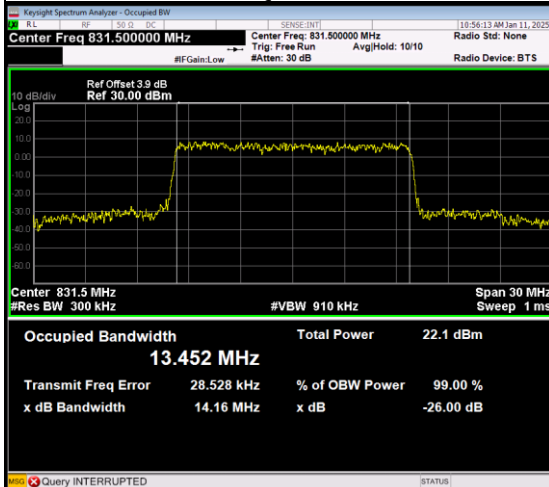
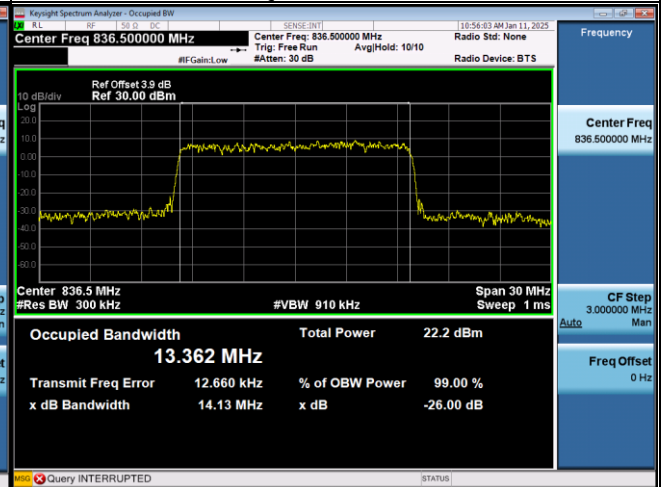


## Spectrum Plot

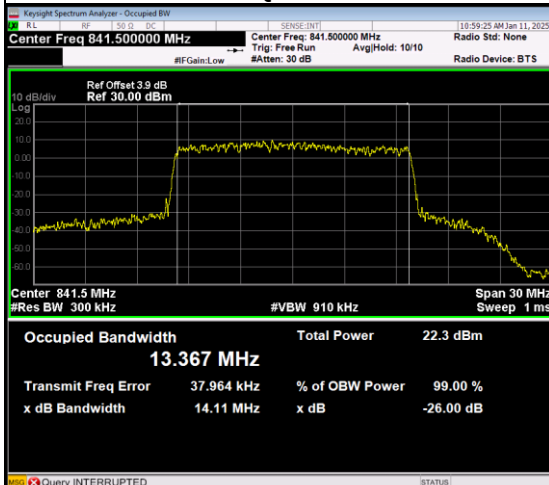
### QPSK-26865



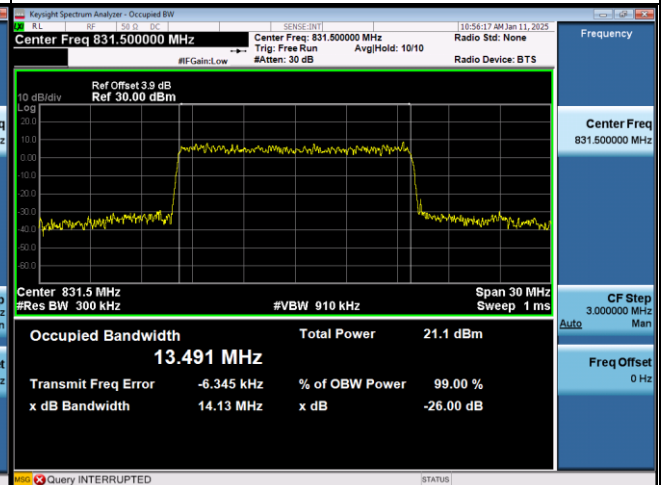
### QPSK-26915



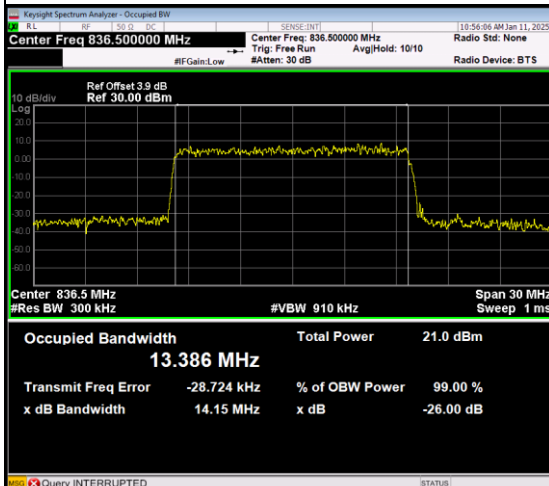
### QPSK-26965



### 16QAM-26865

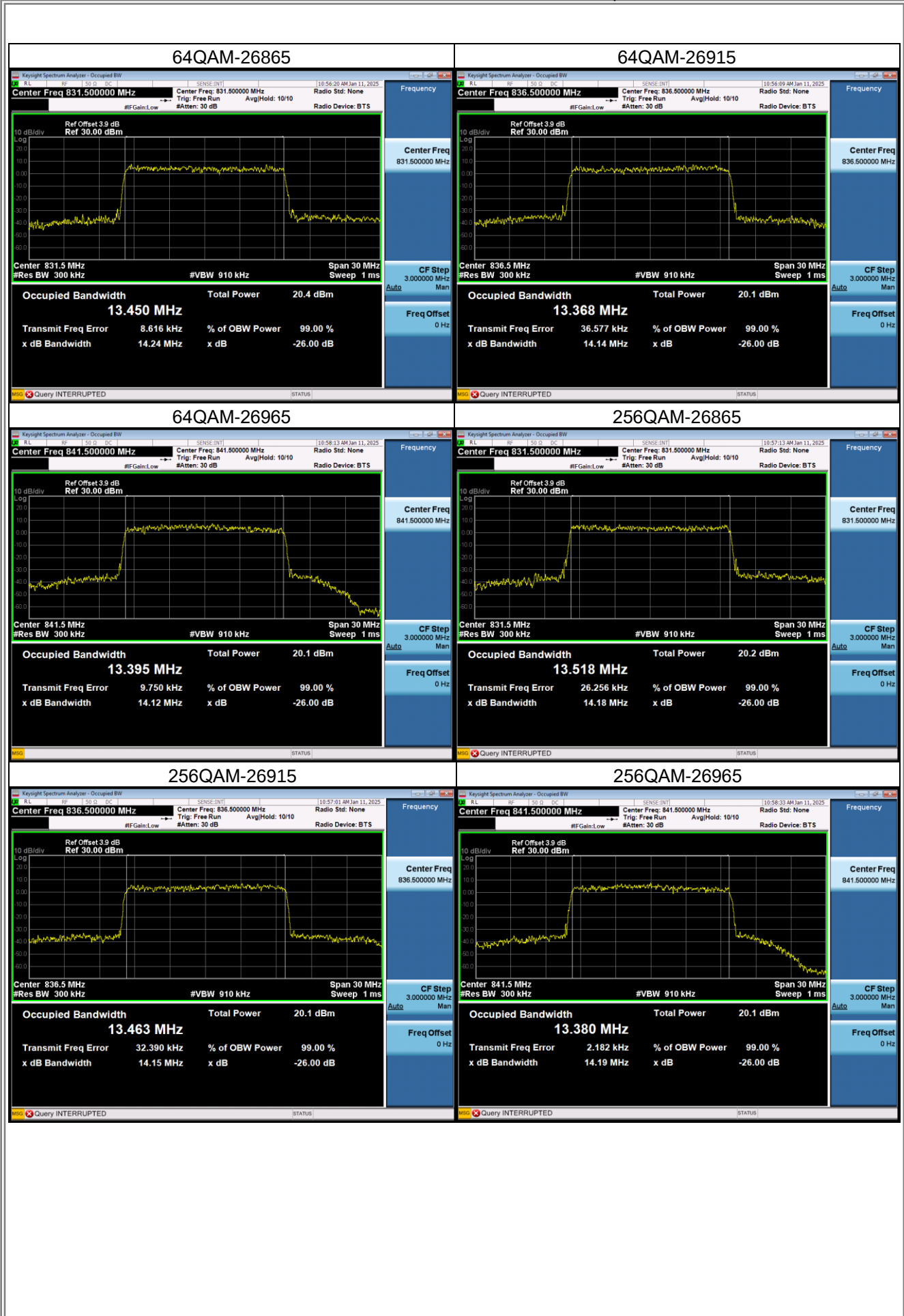


### 16QAM-26915



### 16QAM-26965





## **APPENDIX C    CONDUCTED SPURIOUS EMISSION**

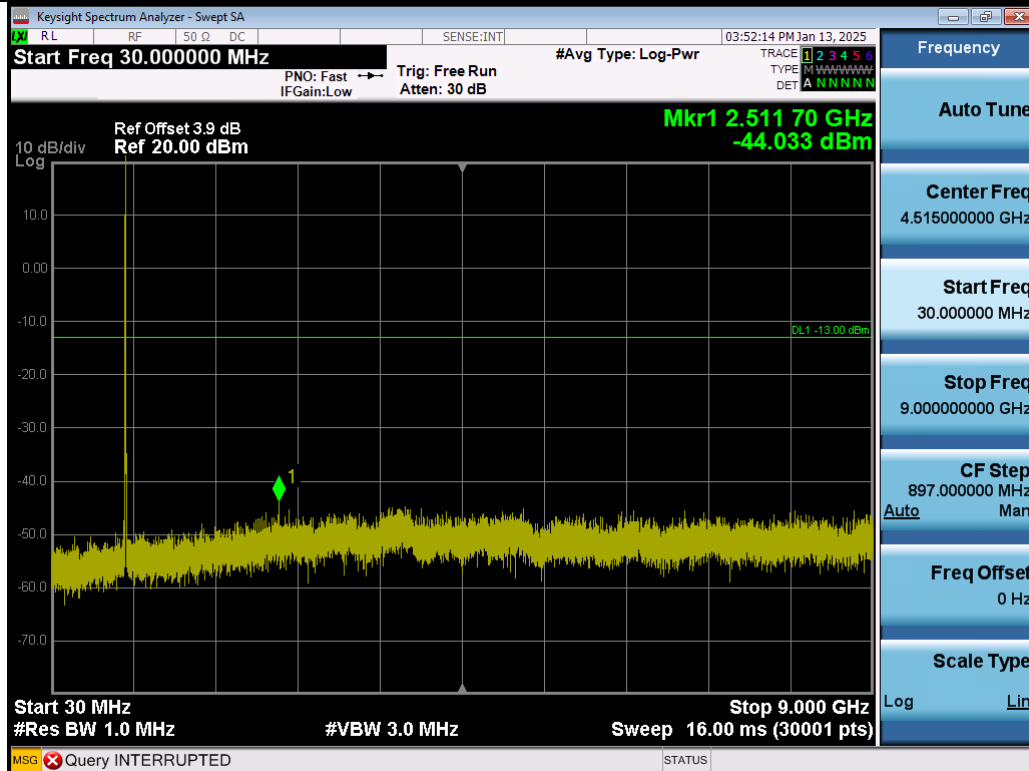
## WCDMA Band V\_WCDMA Spectrum Plot

Channel

Frequency (MHz)

4183

836.6



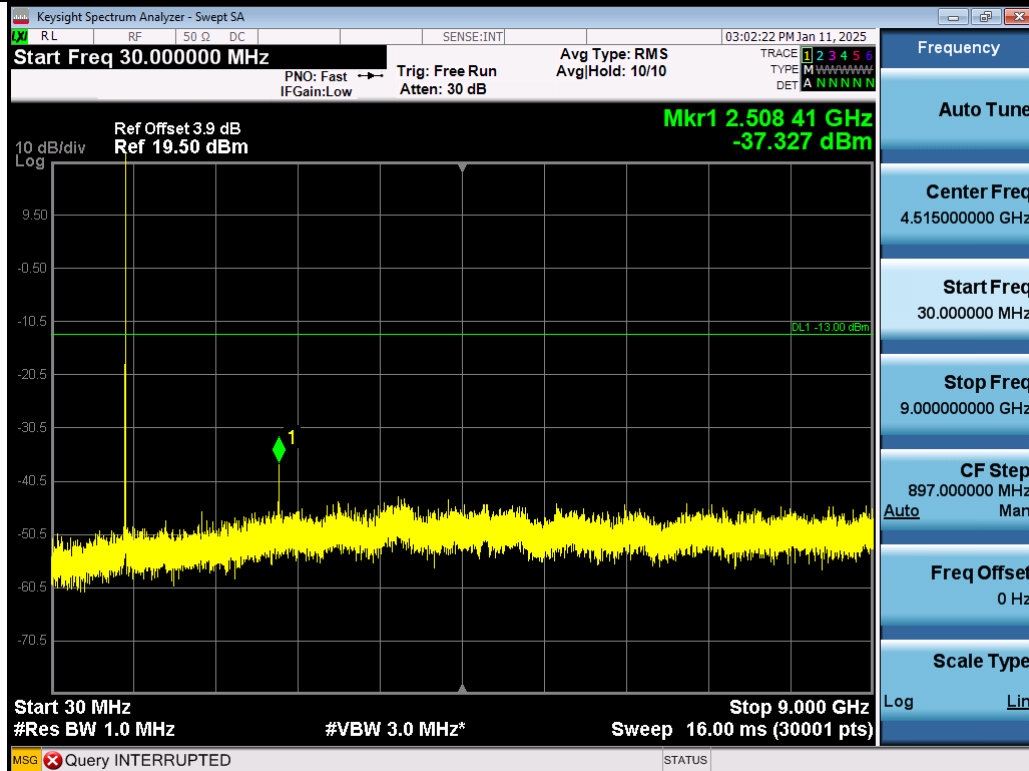
## LTE Band 5\_1.4M Spectrum Plot

Channel

Frequency (MHz)

20525

836.5



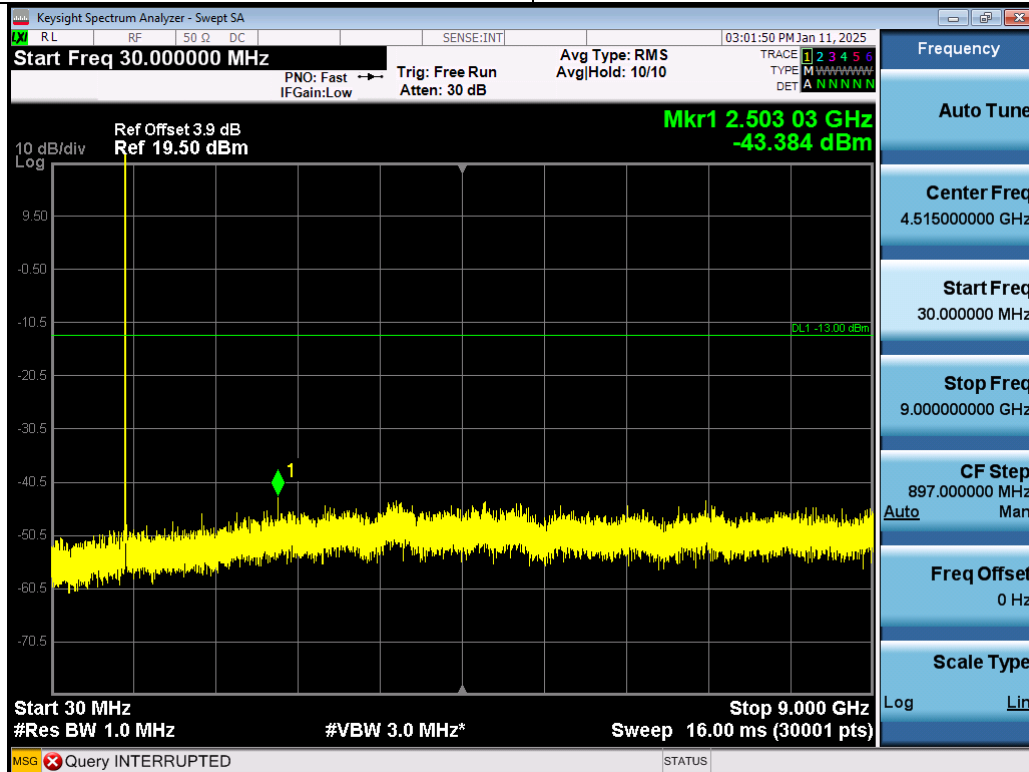
## LTE Band 5\_5M Spectrum Plot

Channel

20525

Frequency (MHz)

836.5



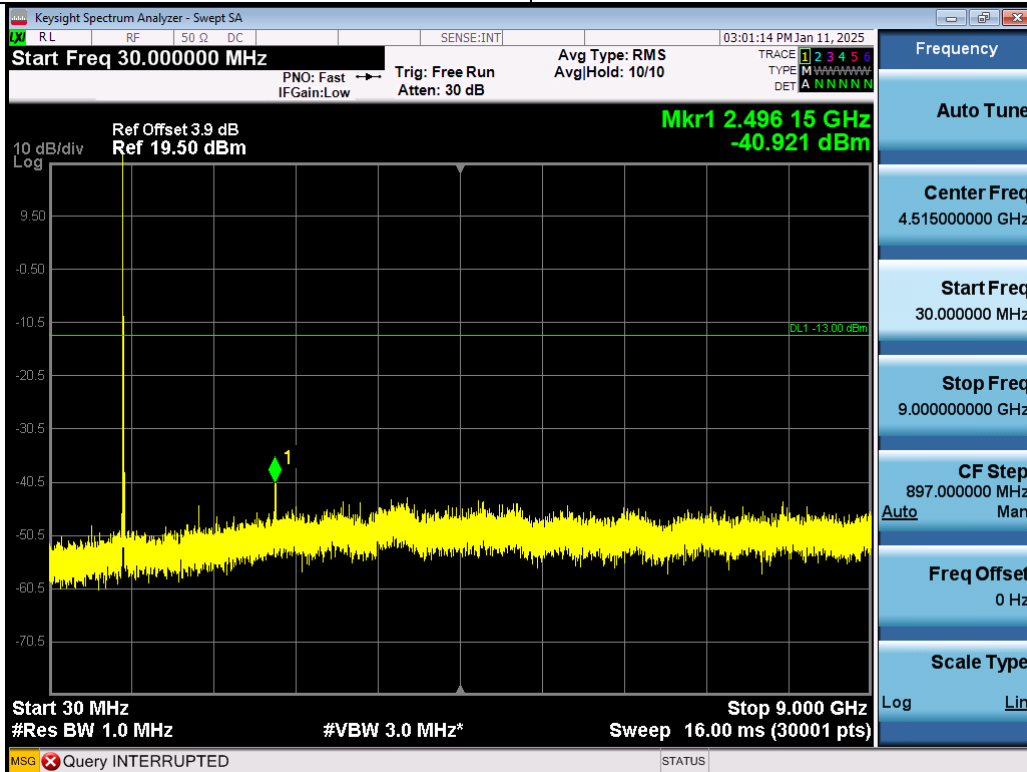
## TE Band 5\_10M Spectrum Plot

Channel

20525

Frequency (MHz)

836.5



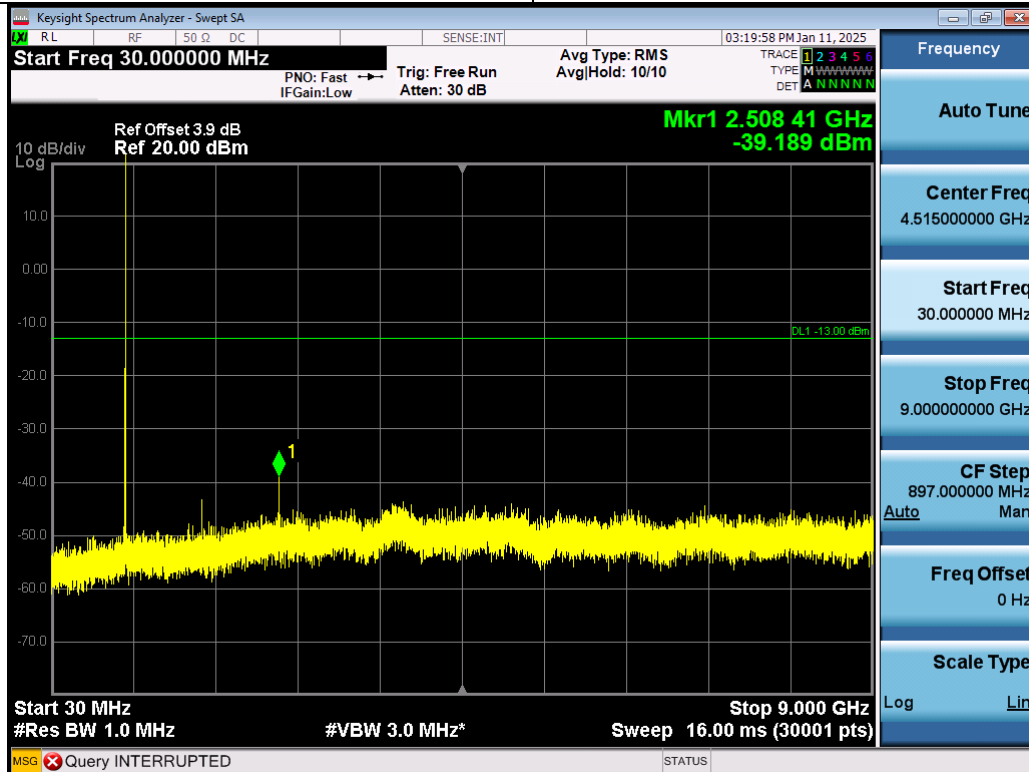
## LTE Band 26\_1.4M Spectrum Plot

Channel

26915

Frequency (MHz)

836.5



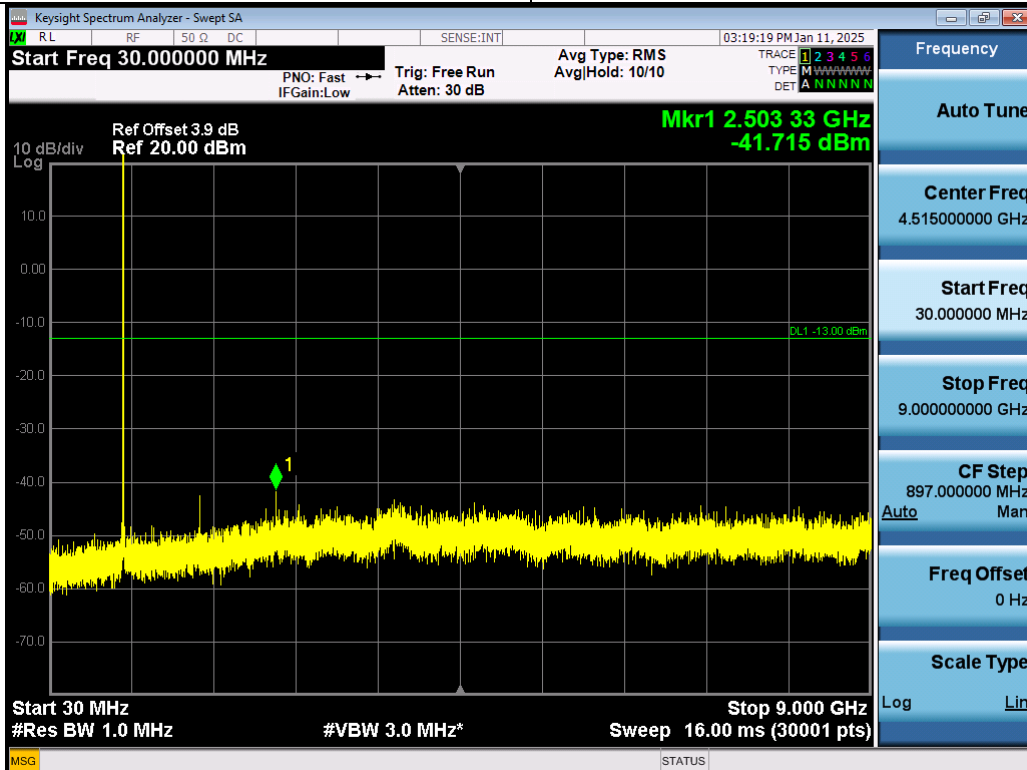
## LTE Band 26\_5M Spectrum Plot

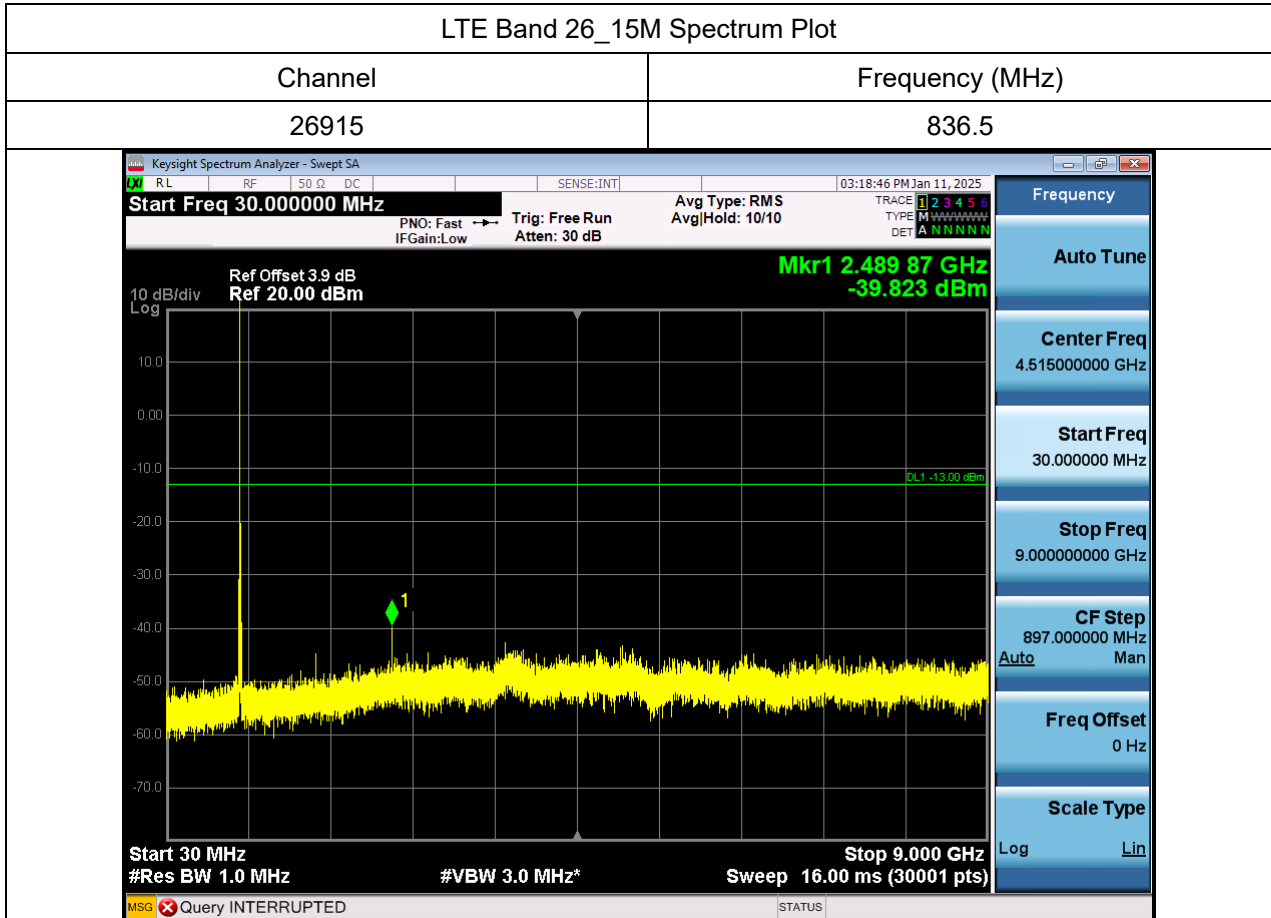
Channel

26915

Frequency (MHz)

836.5

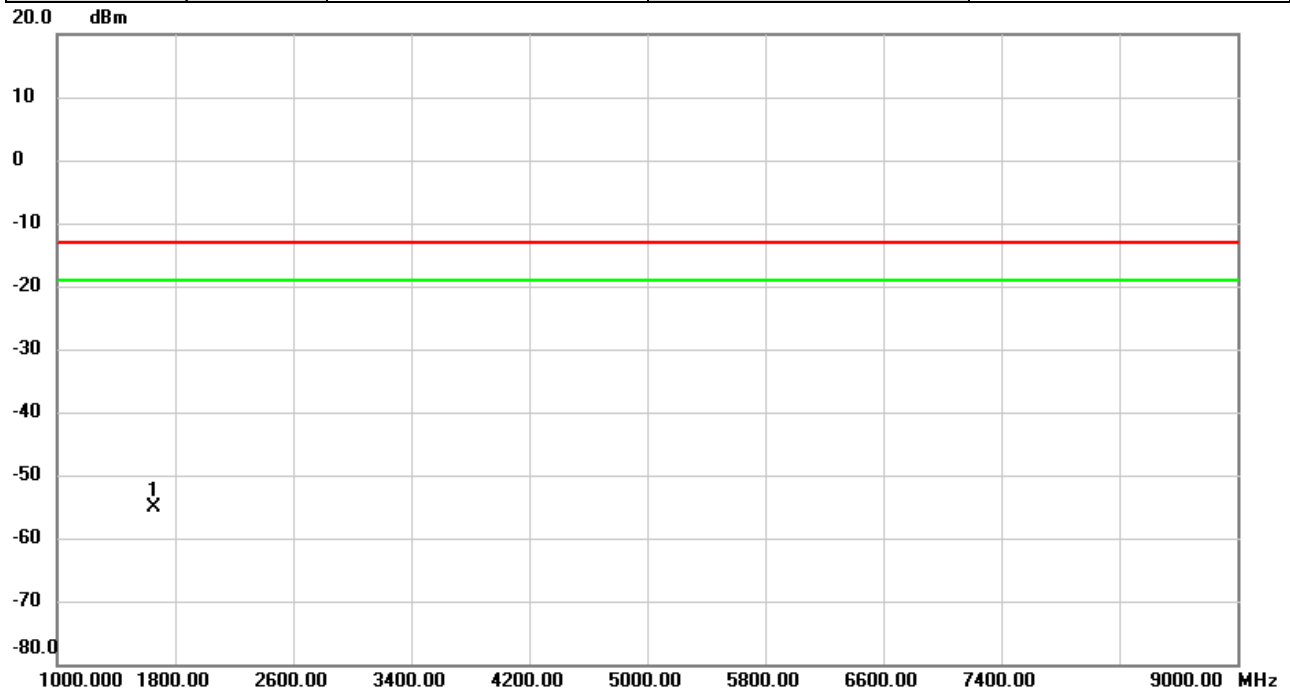




## **APPENDIX D    RADIATED SPURIOUS EMISSIONS**

Dipole Antenna:

|              |              |              |           |
|--------------|--------------|--------------|-----------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/20 |
| Test Channel | CH4132       | Polarization | Vertical  |
| Temp         | 23°C         | Hum.         | 56%       |



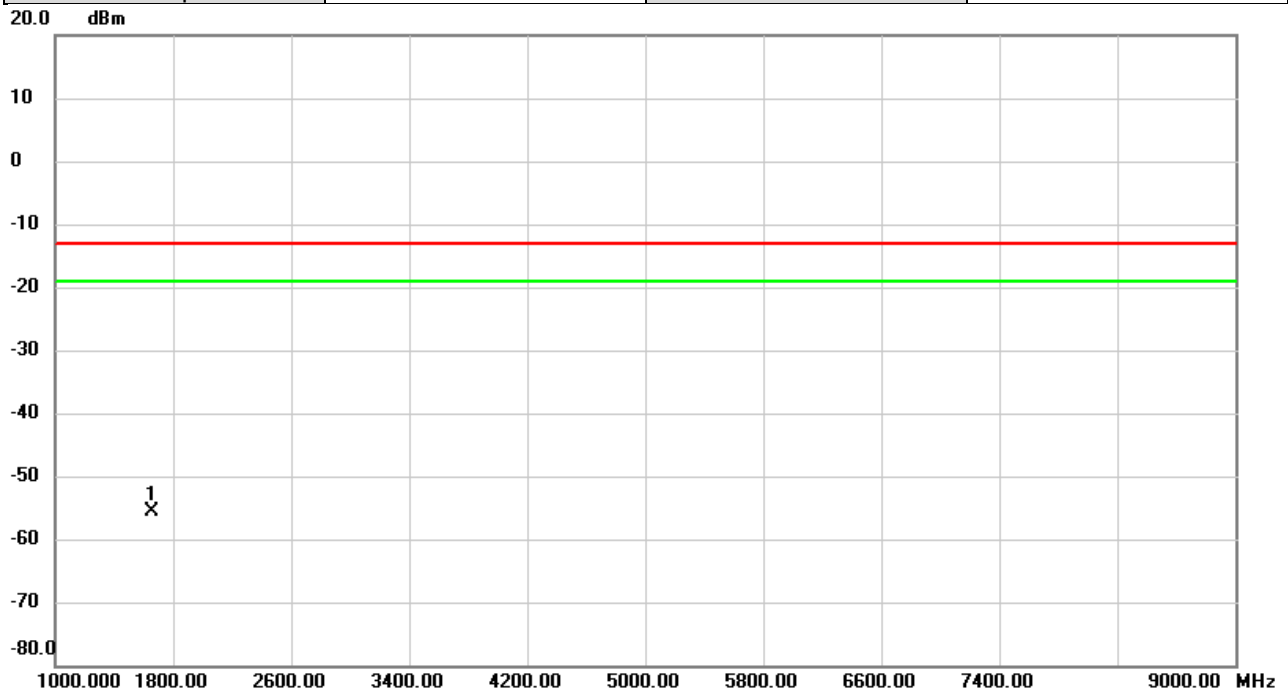
| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Detector | Comment |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     |          |         |
| 1   | *   | 1652.800 | -60.88        | 5.74           | -55.14      | -13.00 | -42.14 | peak     |         |

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

|              |              |              |            |
|--------------|--------------|--------------|------------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/20  |
| Test Channel | CH4132       | Polarization | Horizontal |
| Temp         | 23°C         | Hum.         | 56%        |

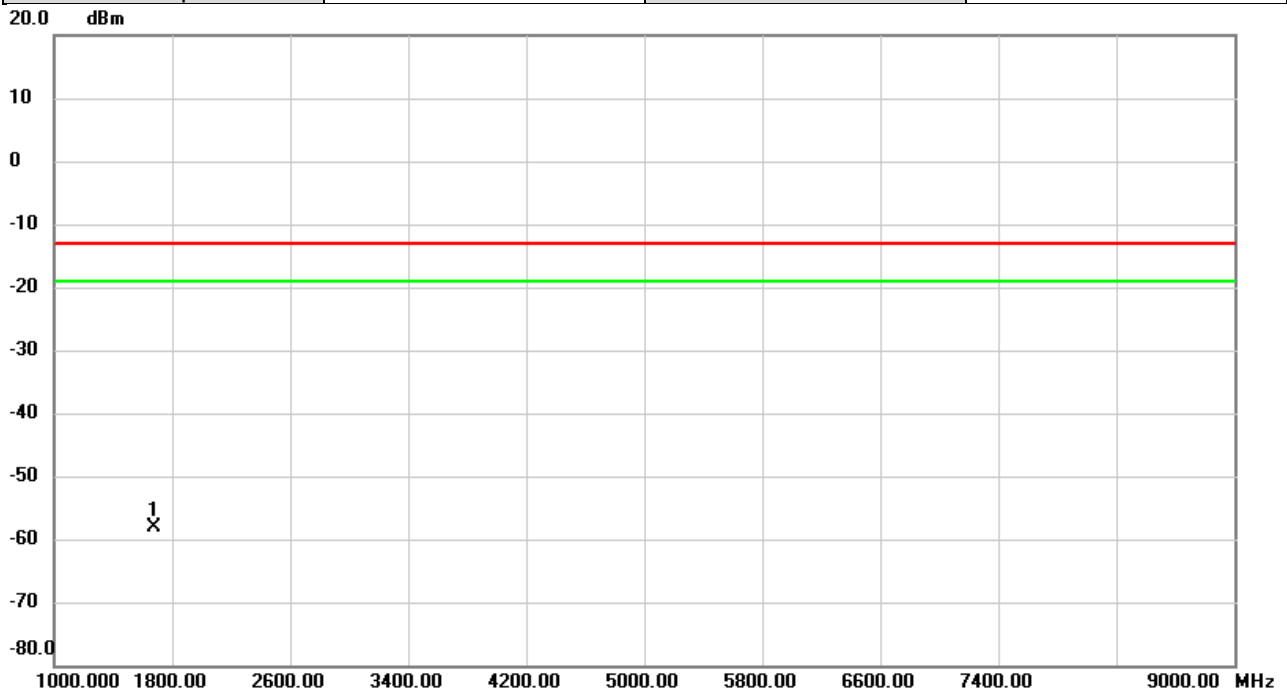


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1652.800 | -61.04        | 5.44           | -55.60      | -13.00 | -42.60 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |              |              |           |
|--------------|--------------|--------------|-----------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/20 |
| Test Channel | CH4183       | Polarization | Vertical  |
| Temp         | 23°C         | Hum.         | 56%       |

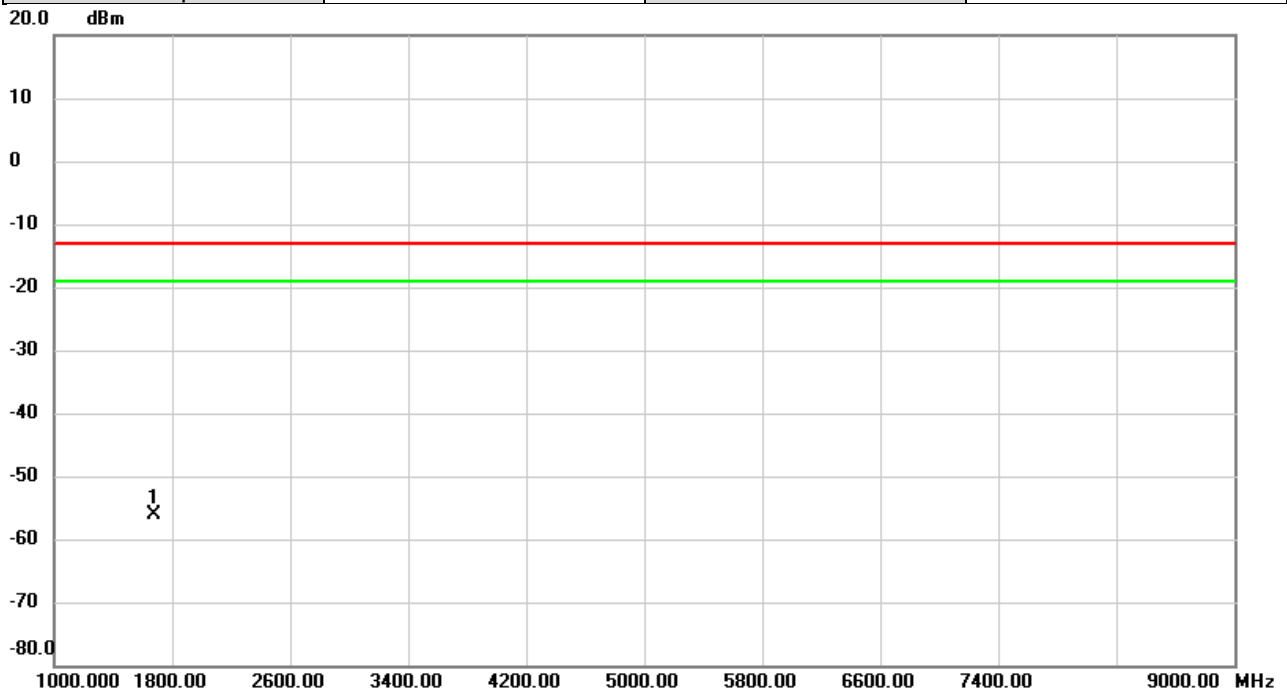


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1673.200 | -63.80        | 5.76           | -58.04      | -13.00 | -45.04 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |              |              |            |
|--------------|--------------|--------------|------------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/20  |
| Test Channel | CH4183       | Polarization | Horizontal |
| Temp         | 23°C         | Hum.         | 56%        |

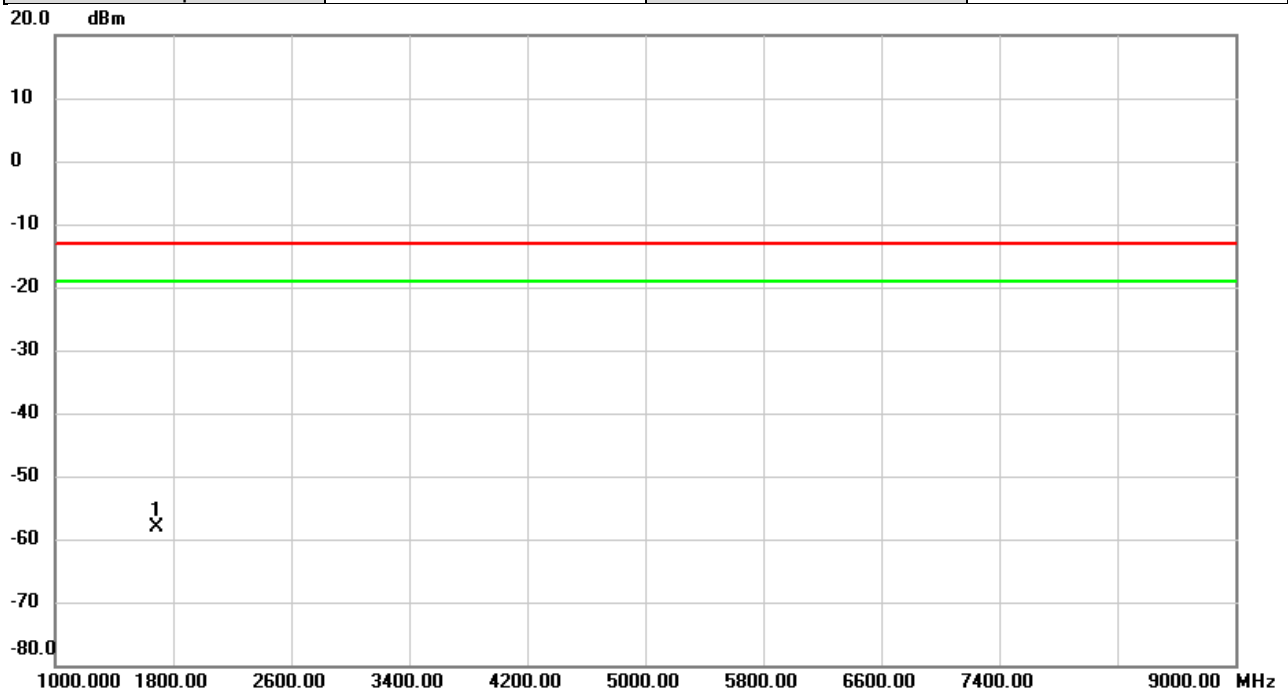


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1673.200 | -61.62        | 5.49           | -56.13      | -13.00 | -43.13 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |              |              |           |
|--------------|--------------|--------------|-----------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/20 |
| Test Channel | CH4233       | Polarization | Vertical  |
| Temp         | 23°C         | Hum.         | 56%       |

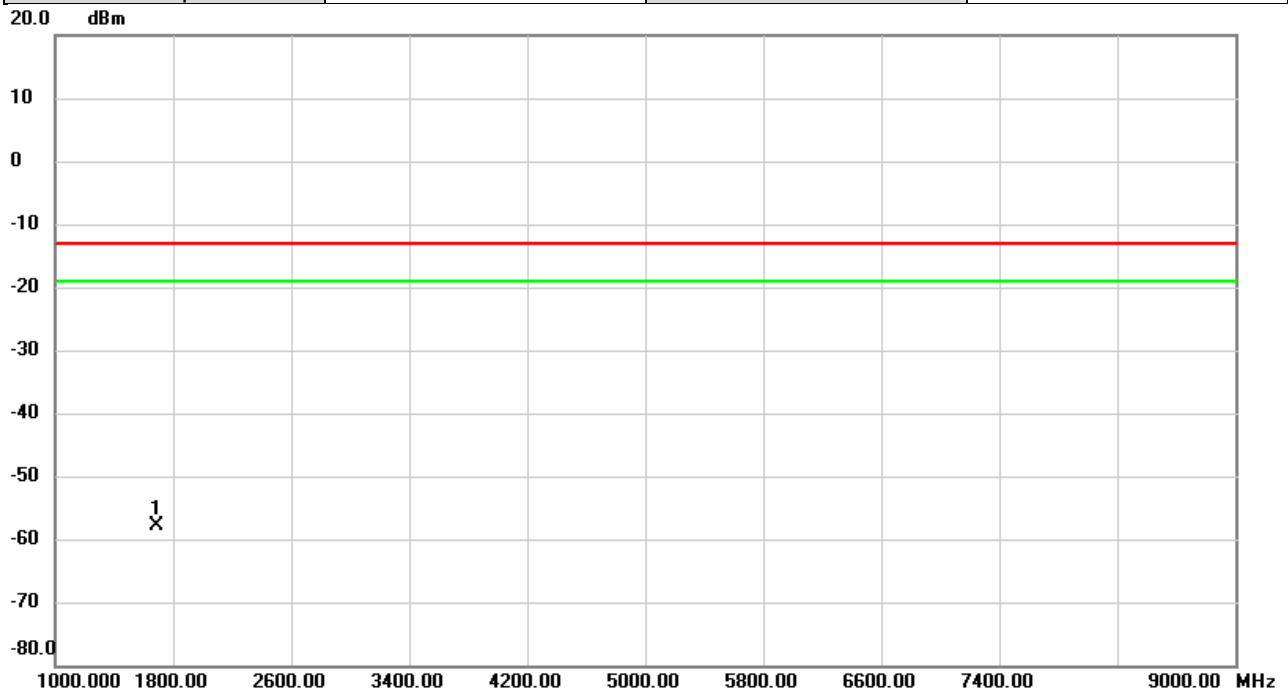


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1693.200 | -64.02        | 5.78           | -58.24      | -13.00 | -45.24 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |              |              |            |
|--------------|--------------|--------------|------------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/20  |
| Test Channel | CH4233       | Polarization | Horizontal |
| Temp         | 23°C         | Hum.         | 56%        |

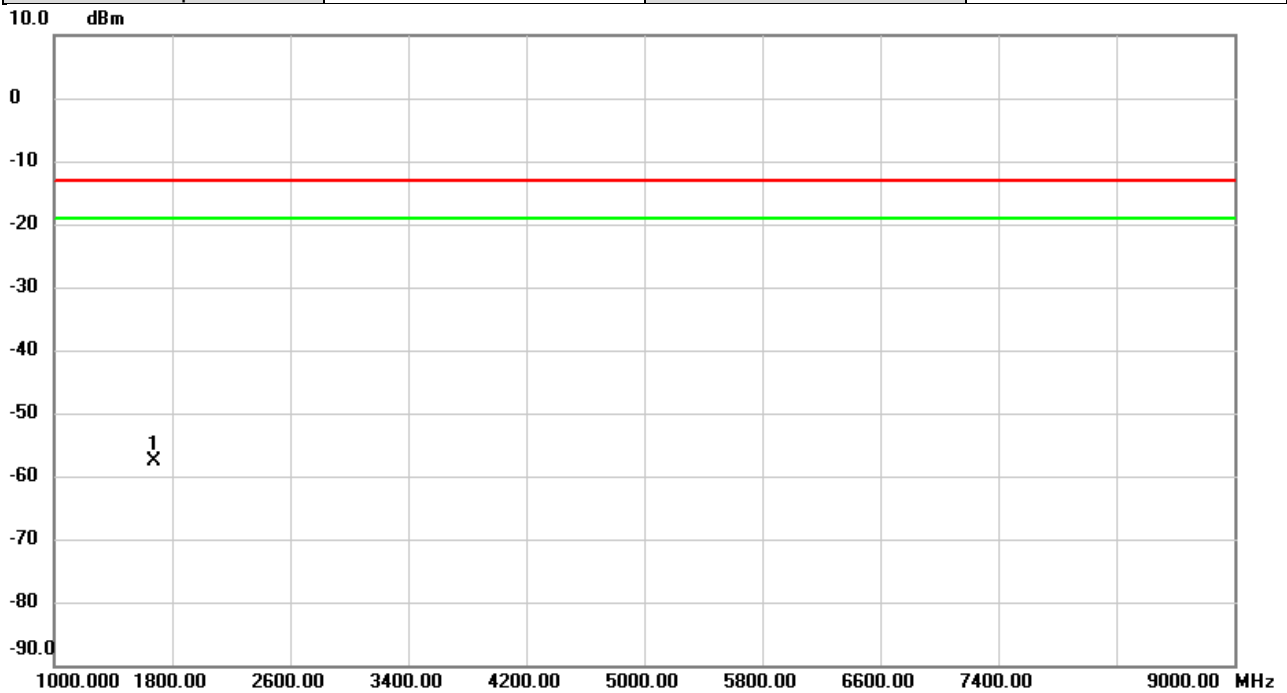


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1693.200 | -63.44        | 5.53           | -57.91      | -13.00 | -44.91 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |            |              |           |
|--------------|------------|--------------|-----------|
| Test Mode    | LTE Band 5 | Test Date    | 2025/1/22 |
| Test Channel | CH20525    | Polarization | Vertical  |
| Temp         | 26°C       | Hum.         | 54%       |

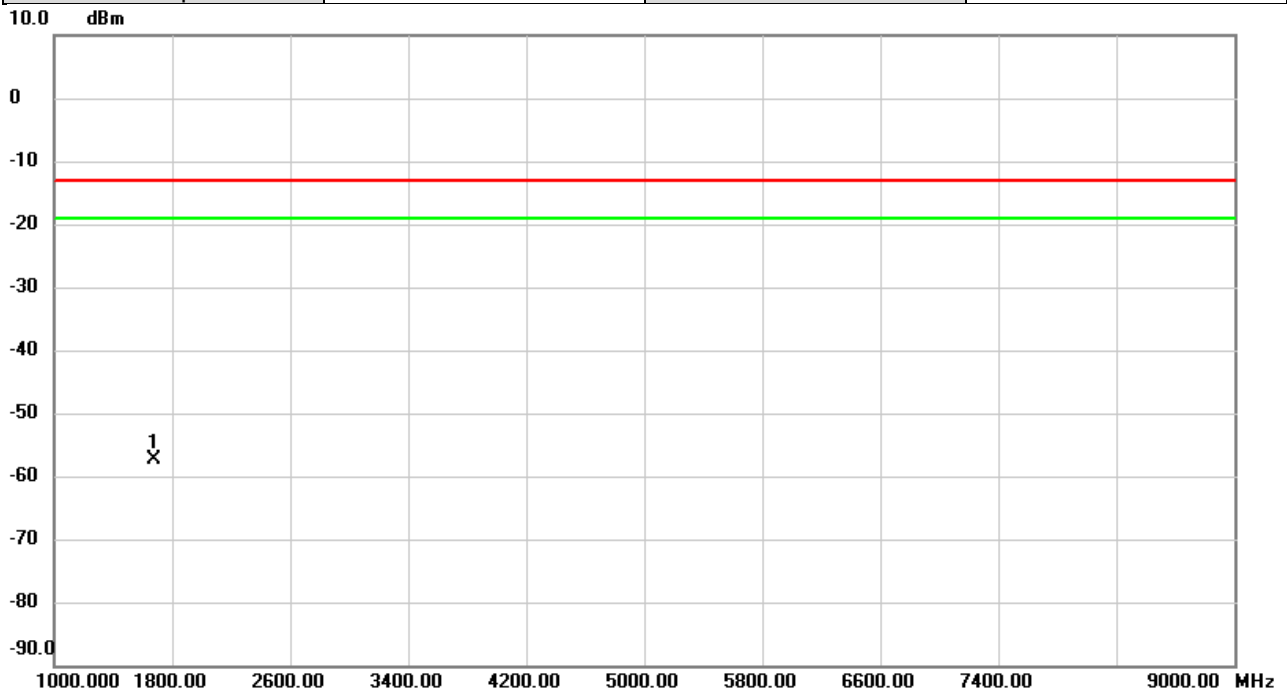


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1673.000 | -63.50        | 5.76           | -57.74      | -13.00 | -44.74 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |            |              |            |
|--------------|------------|--------------|------------|
| Test Mode    | LTE Band 5 | Test Date    | 2025/1/22  |
| Test Channel | CH20525    | Polarization | Horizontal |
| Temp         | 26°C       | Hum.         | 54%        |

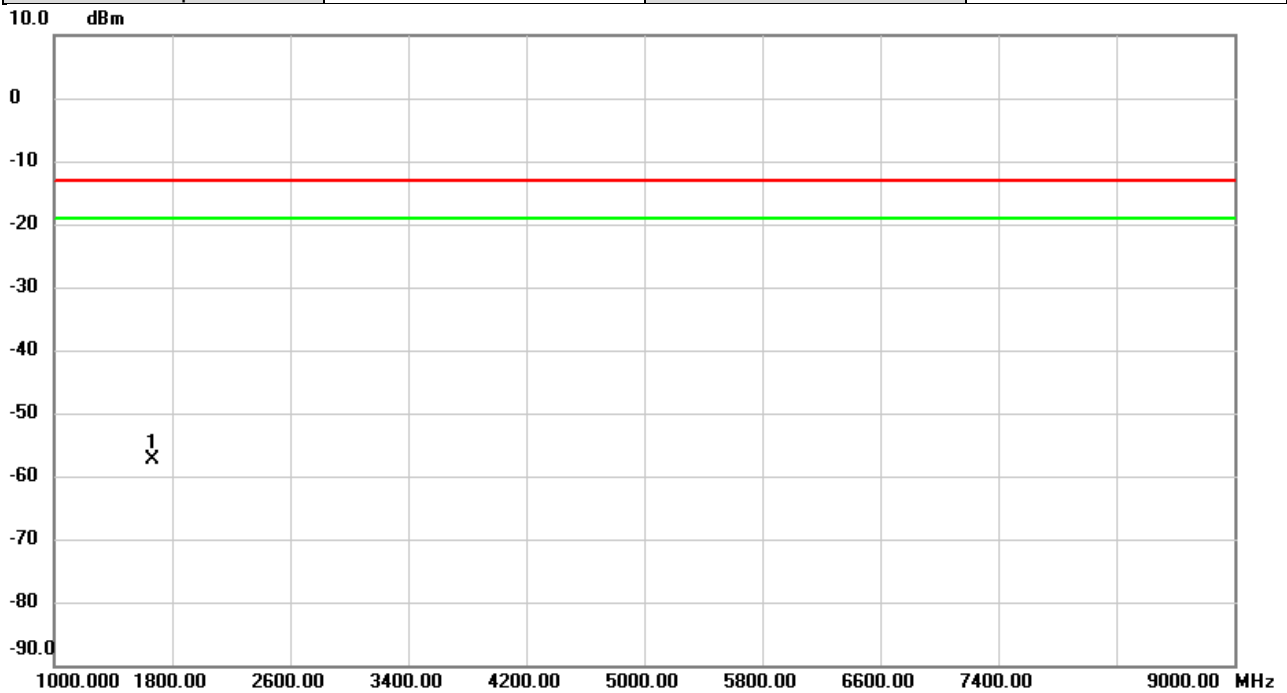


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1673.000 | -62.82        | 5.49           | -57.33      | -13.00 | -44.33 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |             |              |           |
|--------------|-------------|--------------|-----------|
| Test Mode    | LTE Band 26 | Test Date    | 2025/1/22 |
| Test Channel | CH26865     | Polarization | Vertical  |
| Temp         | 26°C        | Hum.         | 54%       |

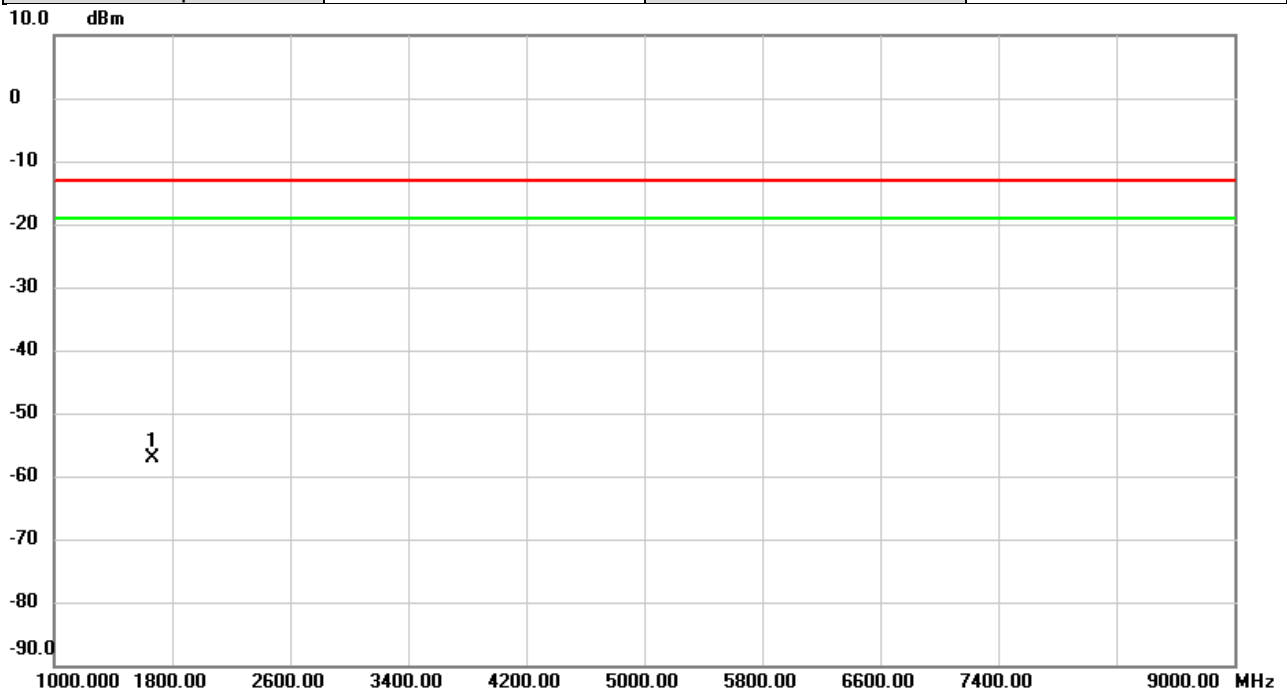


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1662.000 | -63.12        | 5.75           | -57.37      | -13.00 | -44.37 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |             |              |            |
|--------------|-------------|--------------|------------|
| Test Mode    | LTE Band 26 | Test Date    | 2025/1/22  |
| Test Channel | CH26865     | Polarization | Horizontal |
| Temp         | 26°C        | Hum.         | 54%        |



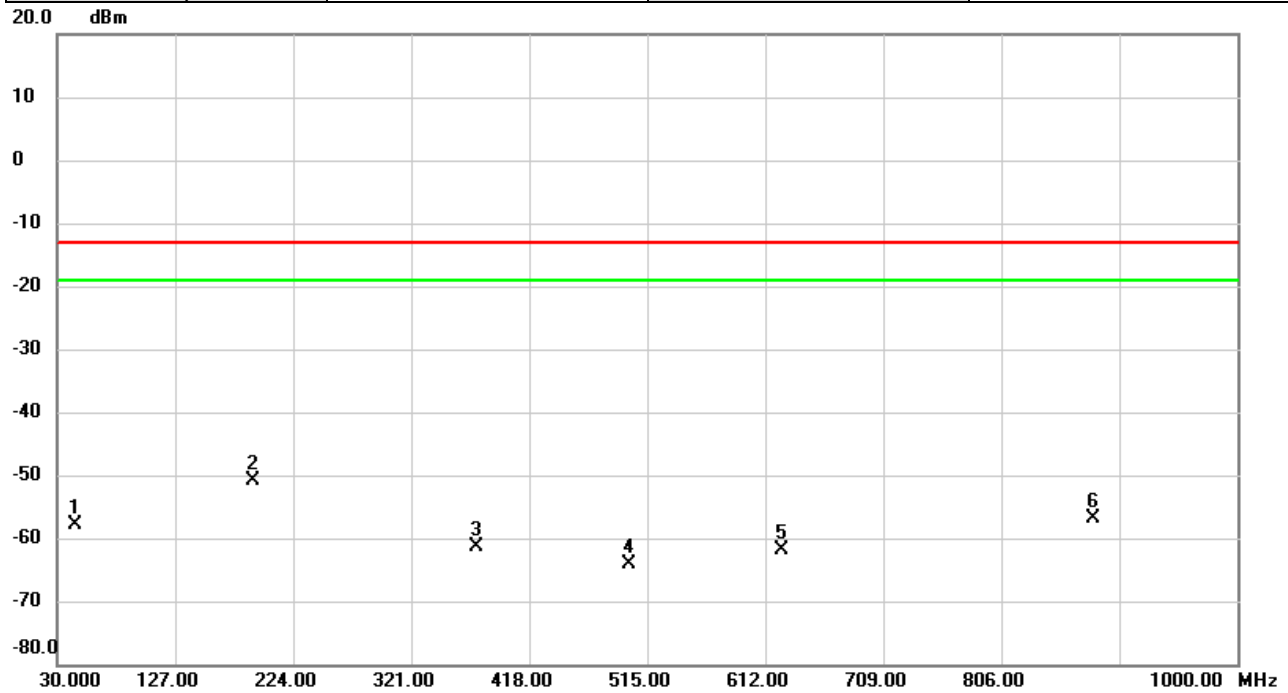
| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1662.000 | -62.60        | 5.46           | -57.14      | -13.00 | -44.14 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Patch Type Antenna:

|              |              |              |           |
|--------------|--------------|--------------|-----------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/21 |
| Test Channel | CH4183       | Polarization | Vertical  |
| Temp         | 25°C         | Hum.         | 61%       |

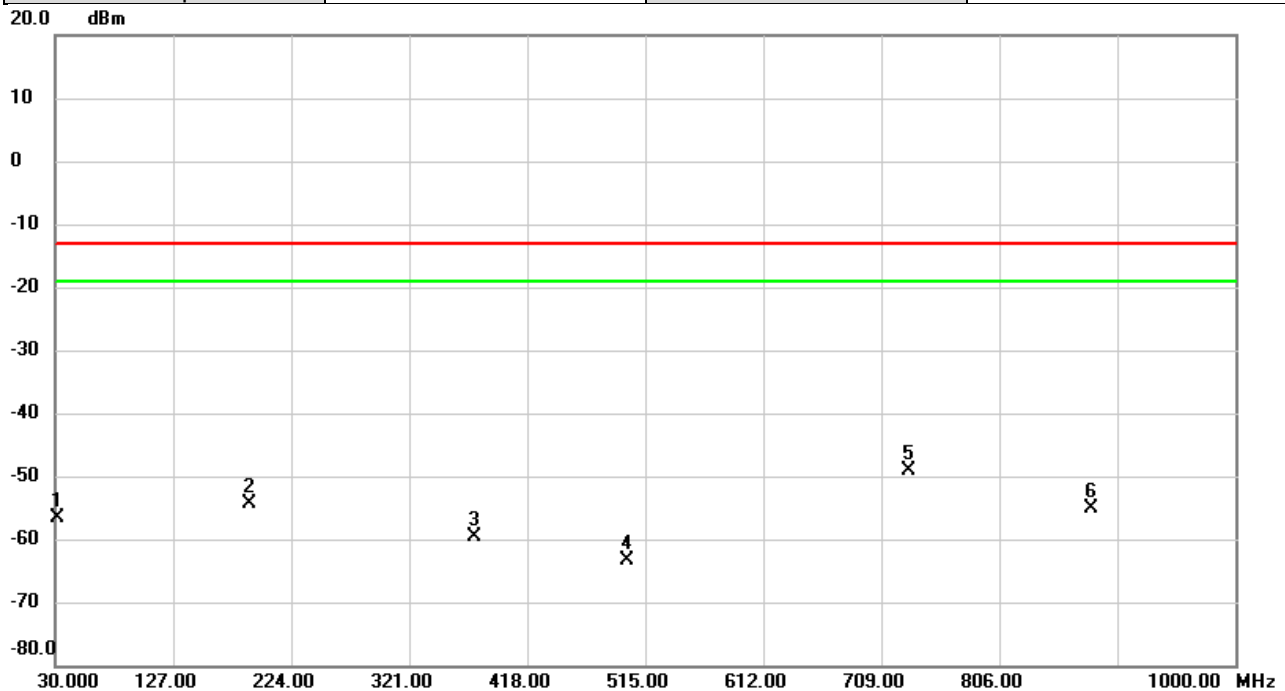


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Detector | Comment |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm          | dBm    | dB     |          |         |
| 1   |     | 44.5823  | -51.96        | -5.84          | -57.80       | -13.00 | -44.80 | peak     |         |
| 2   | *   | 190.4380 | -47.95        | -2.80          | -50.75       | -13.00 | -37.75 | peak     |         |
| 3   |     | 375.0290 | -58.71        | -2.60          | -61.31       | -13.00 | -48.31 | peak     |         |
| 4   |     | 499.9327 | -64.22        | 0.07           | -64.15       | -13.00 | -51.15 | peak     |         |
| 5   |     | 625.0303 | -65.25        | 3.28           | -61.97       | -13.00 | -48.97 | peak     |         |
| 6   |     | 881.4013 | -63.01        | 6.08           | -56.93       | -13.00 | -43.93 | peak     |         |

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |              |              |            |
|--------------|--------------|--------------|------------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/21  |
| Test Channel | CH4183       | Polarization | Horizontal |
| Temp         | 25°C         | Hum.         | 61%        |

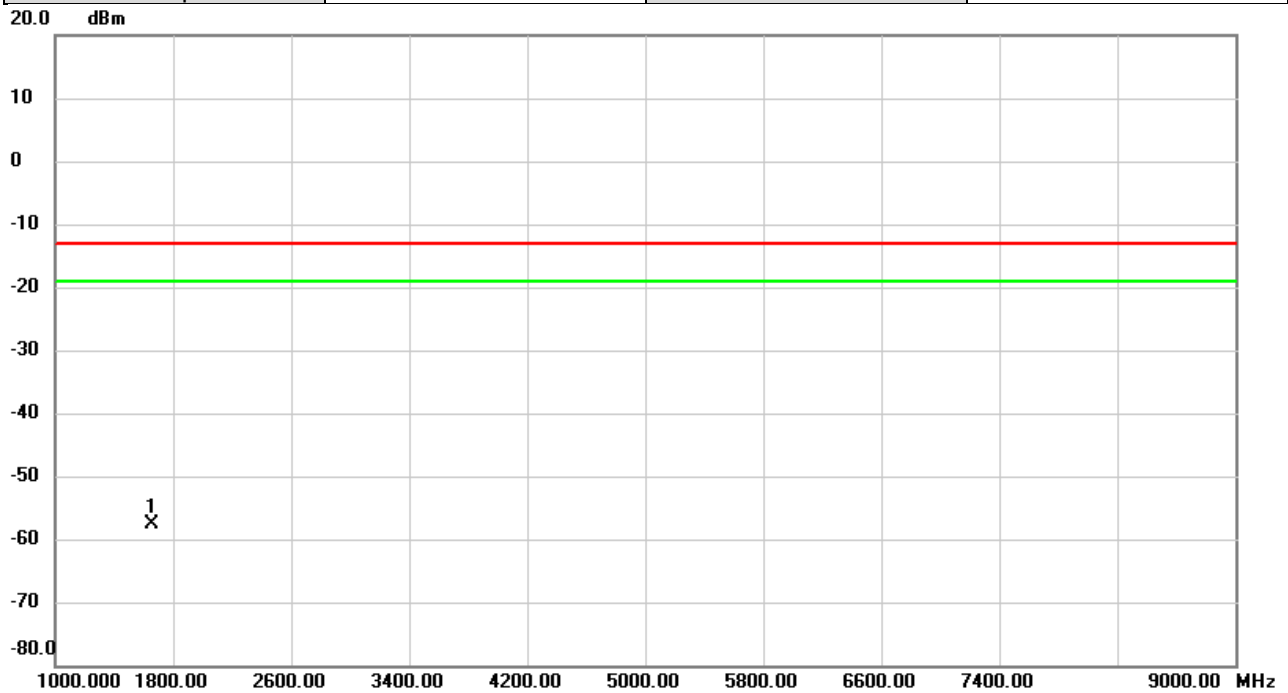


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm          | dBm    | dB     | Detector | Comment |
| 1   |     | 31.5843  | -59.40        | 2.81           | -56.59       | -13.00 | -43.59 | peak     |         |
| 2   |     | 189.4033 | -46.08        | -8.21          | -54.29       | -13.00 | -41.29 | peak     |         |
| 3   |     | 374.9967 | -57.03        | -2.52          | -59.55       | -13.00 | -46.55 | peak     |         |
| 4   |     | 499.9973 | -61.85        | -1.48          | -63.33       | -13.00 | -50.33 | peak     |         |
| 5   | *   | 731.3423 | -52.39        | 3.17           | -49.22       | -13.00 | -36.22 | peak     |         |
| 6   |     | 881.7247 | -59.71        | 4.60           | -55.11       | -13.00 | -42.11 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |              |              |           |
|--------------|--------------|--------------|-----------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/21 |
| Test Channel | CH4132       | Polarization | Vertical  |
| Temp         | 25°C         | Hum.         | 61%       |

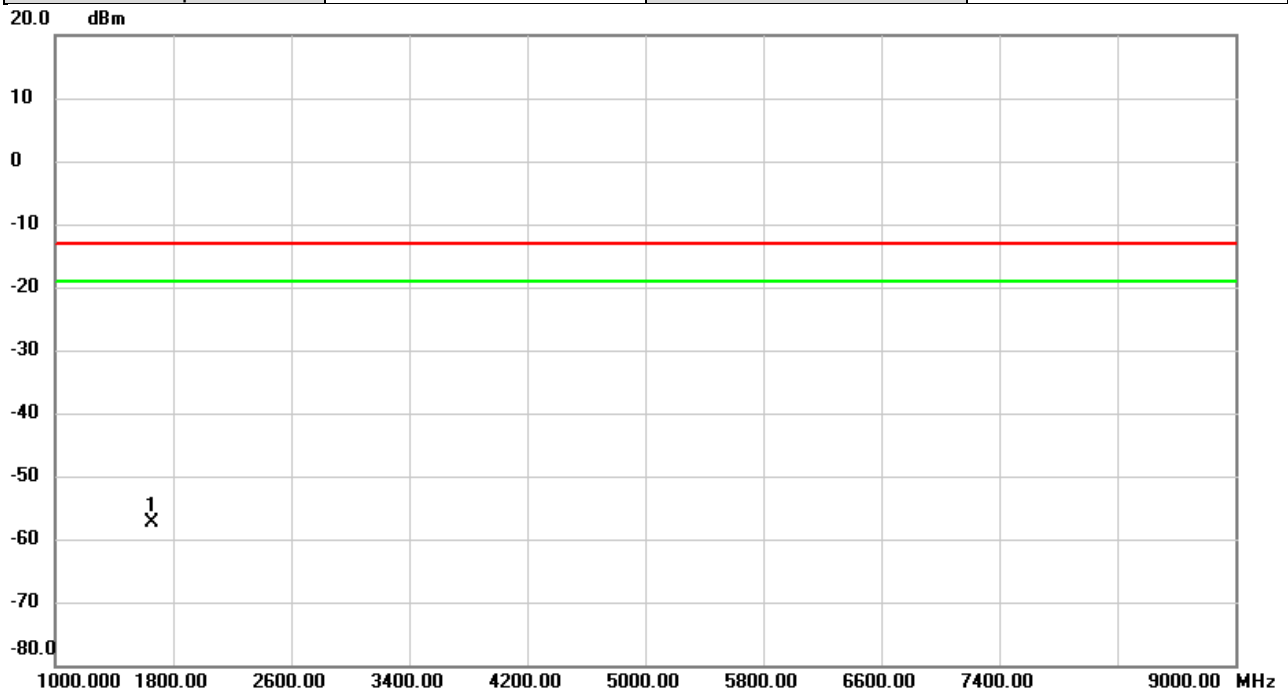


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1652.800 | -63.46        | 5.74           | -57.72      | -13.00 | -44.72 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |              |              |            |
|--------------|--------------|--------------|------------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/21  |
| Test Channel | CH4132       | Polarization | Horizontal |
| Temp         | 25°C         | Hum.         | 61%        |

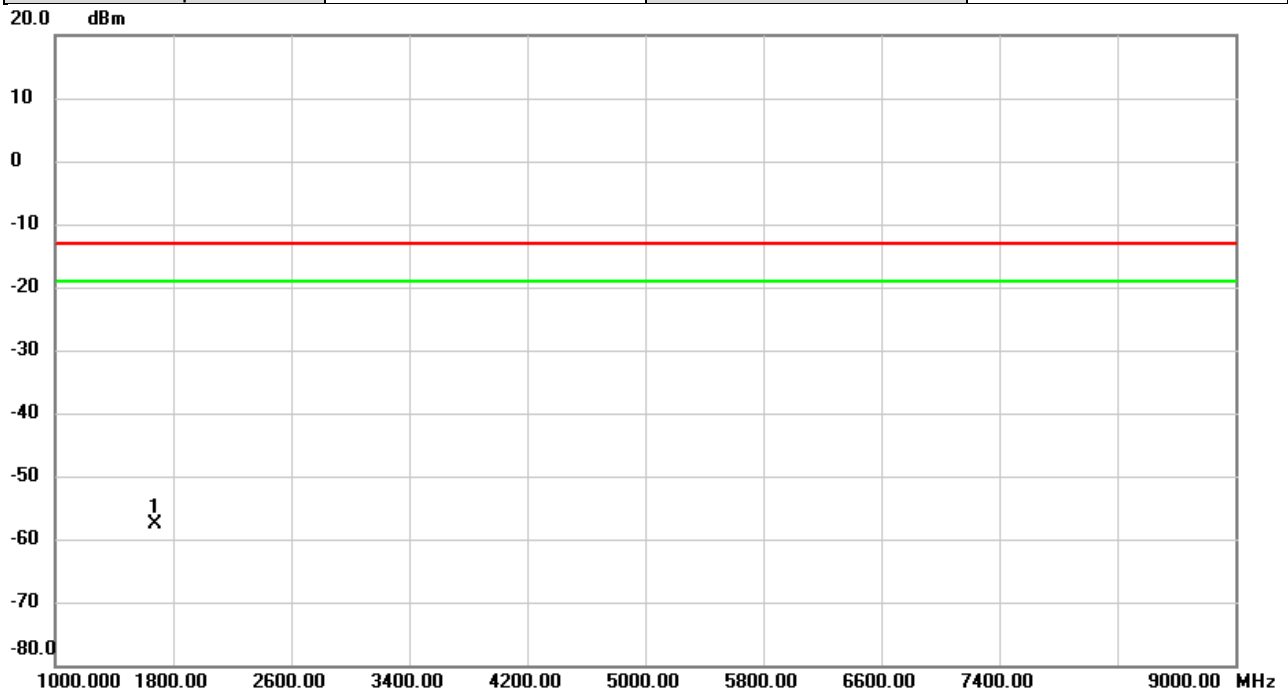


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1652.800 | -62.80        | 5.44           | -57.36      | -13.00 | -44.36 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |              |              |           |
|--------------|--------------|--------------|-----------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/21 |
| Test Channel | CH4183       | Polarization | Vertical  |
| Temp         | 25°C         | Hum.         | 61%       |

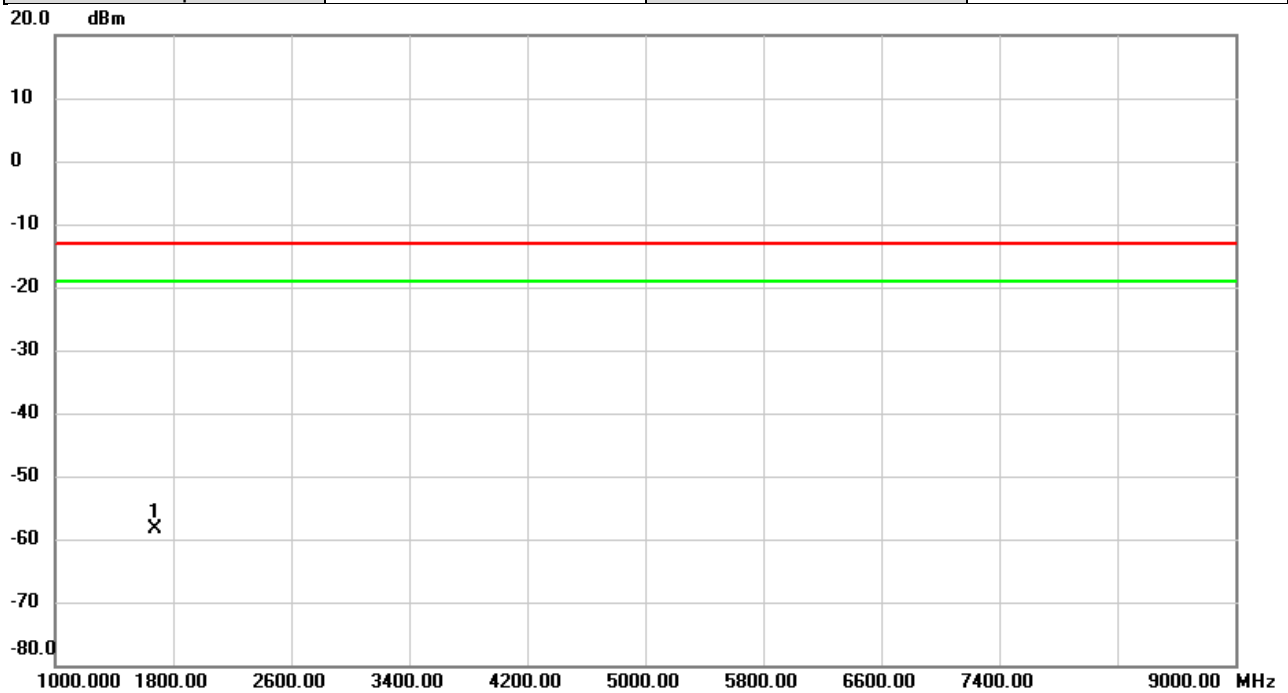


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1673.200 | -63.30        | 5.76           | -57.54      | -13.00 | -44.54 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |              |              |            |
|--------------|--------------|--------------|------------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/21  |
| Test Channel | CH4183       | Polarization | Horizontal |
| Temp         | 25°C         | Hum.         | 61%        |

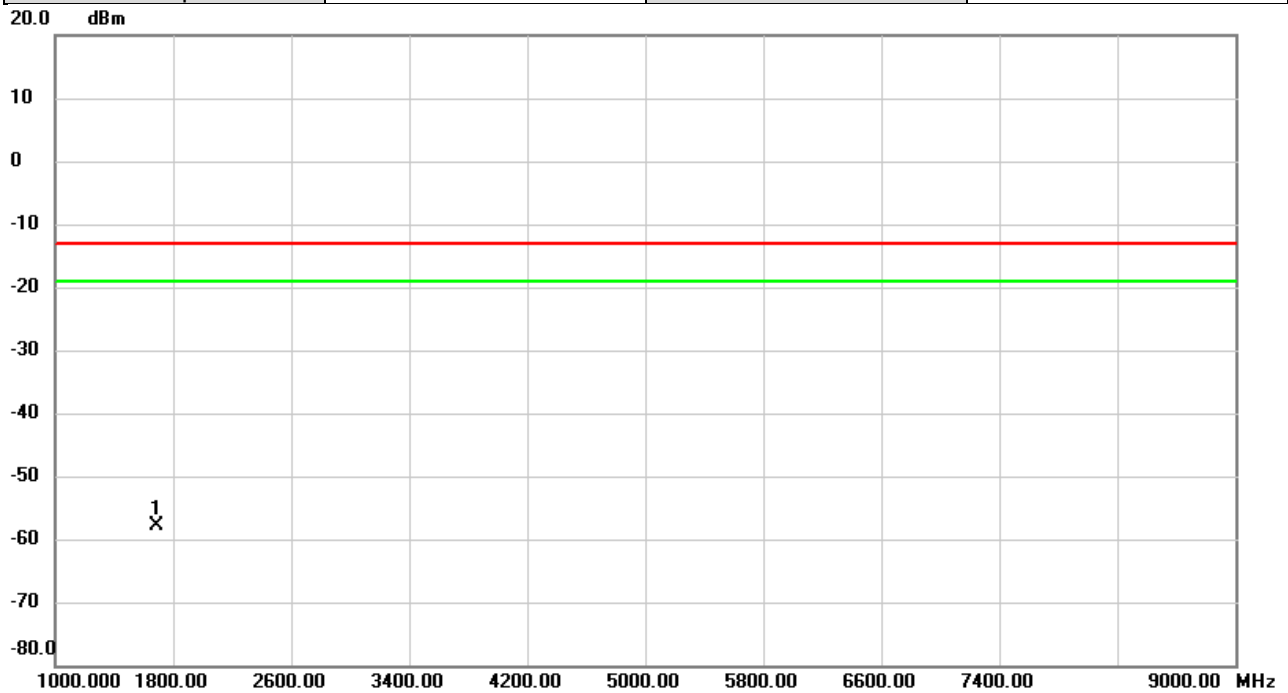


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1673.200 | -63.92        | 5.49           | -58.43      | -13.00 | -45.43 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |              |              |           |
|--------------|--------------|--------------|-----------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/21 |
| Test Channel | CH4233       | Polarization | Vertical  |
| Temp         | 25°C         | Hum.         | 61%       |

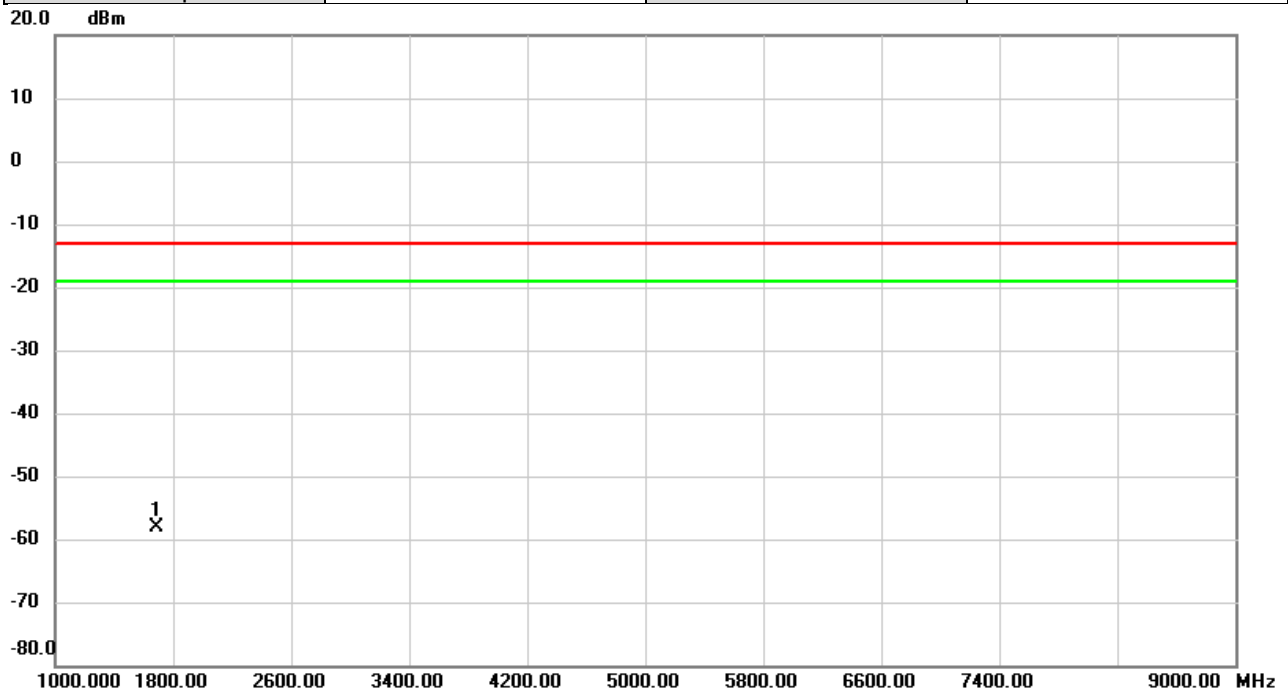


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1693.200 | -63.71        | 5.78           | -57.93      | -13.00 | -44.93 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |              |              |            |
|--------------|--------------|--------------|------------|
| Test Mode    | WCDMA Band V | Test Date    | 2025/1/21  |
| Test Channel | CH4233       | Polarization | Horizontal |
| Temp         | 25°C         | Hum.         | 61%        |

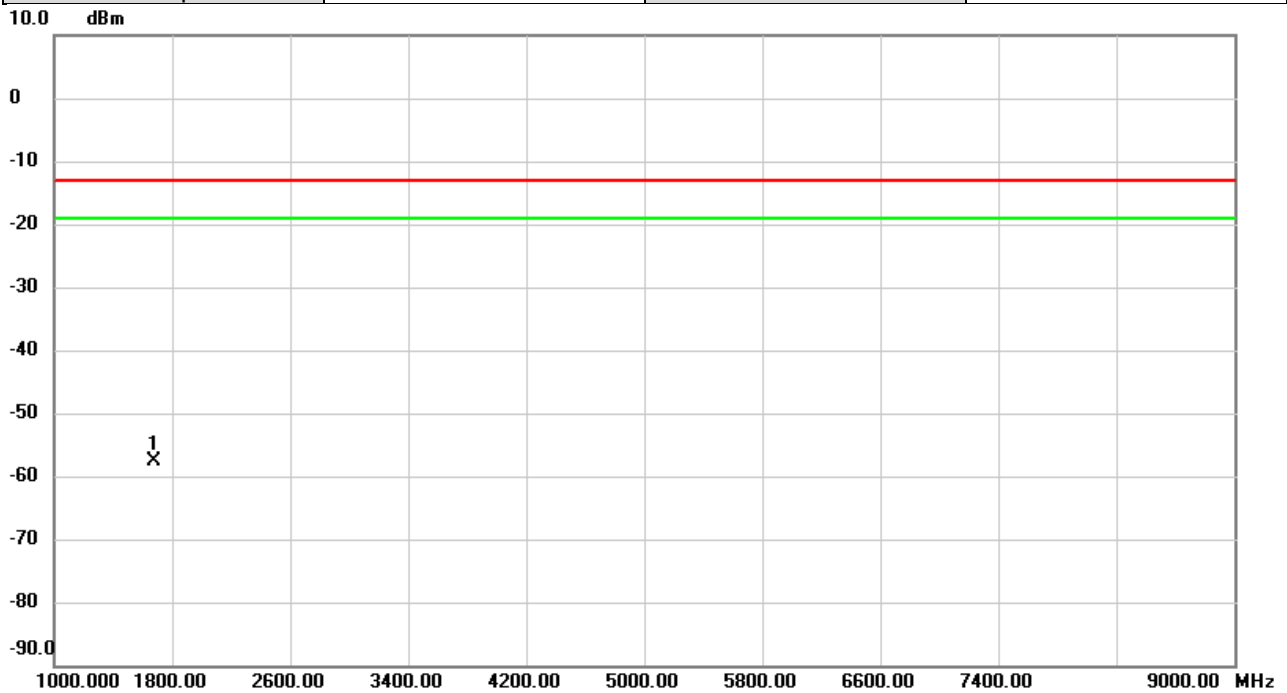


| No. | Mk. | Freq.    | Reading<br>Level | Correct<br>Factor | Measure-<br>ment | Limit  | Over   |          |         |
|-----|-----|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
|     |     | MHz      | dBm              | dB                | dBm              | dBm    | dB     | Detector | Comment |
| 1   | *   | 1693.200 | -63.77           | 5.53              | -58.24           | -13.00 | -45.24 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |            |              |           |
|--------------|------------|--------------|-----------|
| Test Mode    | LTE Band 5 | Test Date    | 2025/1/22 |
| Test Channel | CH20525    | Polarization | Vertical  |
| Temp         | 26°C       | Hum.         | 54%       |

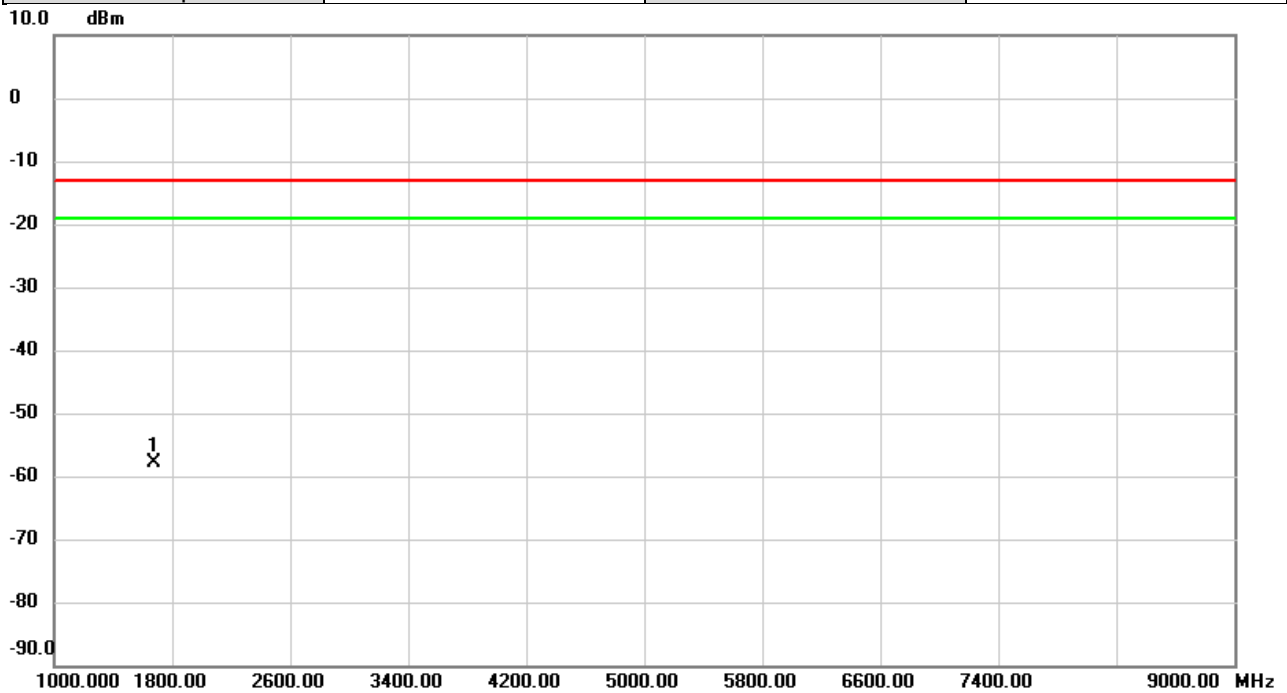


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1673.000 | -63.44        | 5.76           | -57.68      | -13.00 | -44.68 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |            |              |            |
|--------------|------------|--------------|------------|
| Test Mode    | LTE Band 5 | Test Date    | 2025/1/22  |
| Test Channel | CH20525    | Polarization | Horizontal |
| Temp         | 26°C       | Hum.         | 54%        |

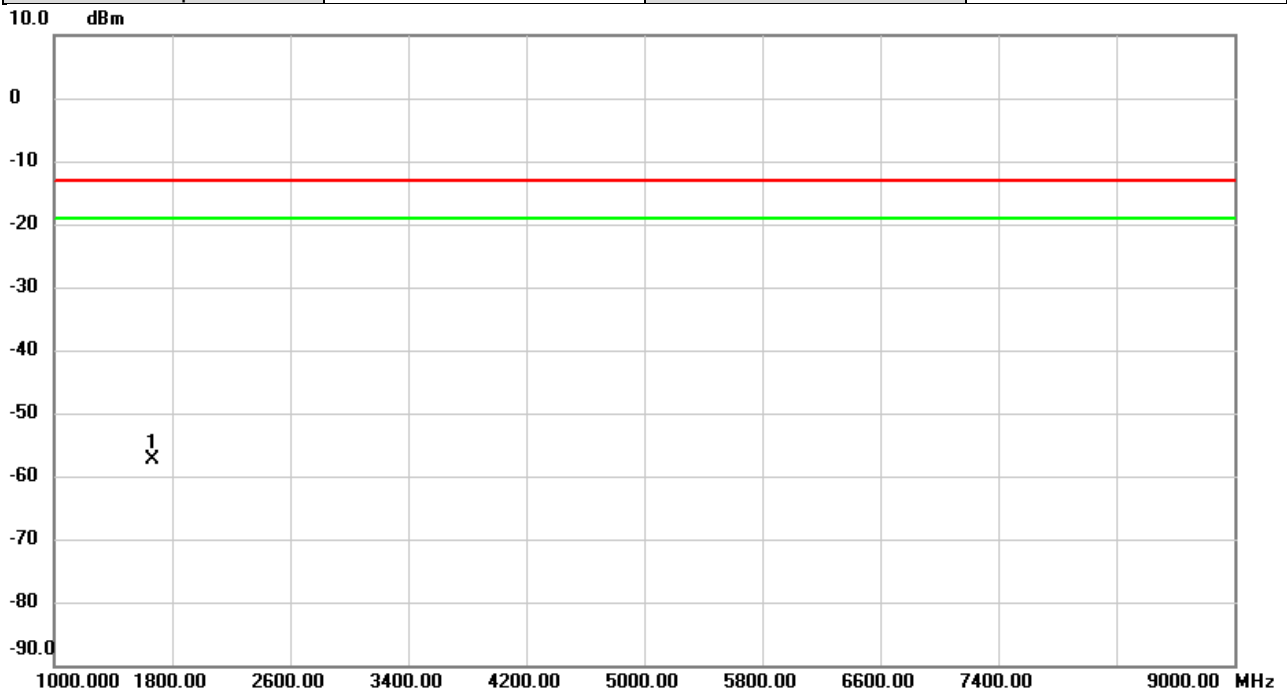


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1673.000 | -63.43        | 5.49           | -57.94      | -13.00 | -44.94 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |             |              |           |
|--------------|-------------|--------------|-----------|
| Test Mode    | LTE Band 26 | Test Date    | 2025/1/22 |
| Test Channel | CH26865     | Polarization | Vertical  |
| Temp         | 26°C        | Hum.         | 54%       |

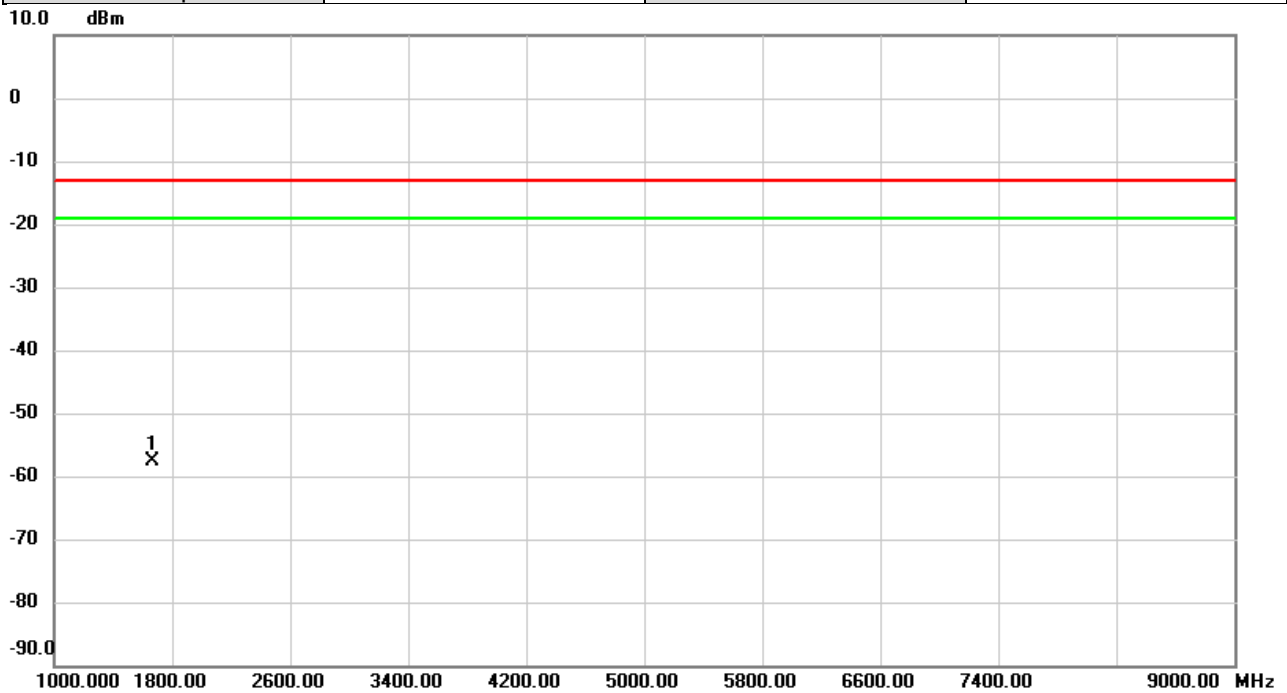


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1662.000 | -63.06        | 5.75           | -57.31      | -13.00 | -44.31 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

|              |             |              |            |
|--------------|-------------|--------------|------------|
| Test Mode    | LTE Band 26 | Test Date    | 2025/1/22  |
| Test Channel | CH26865     | Polarization | Horizontal |
| Temp         | 26°C        | Hum.         | 54%        |



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBm           | dB             | dBm         | dBm    | dB     | Detector | Comment |
| 1   | *   | 1662.000 | -63.12        | 5.46           | -57.66      | -13.00 | -44.66 | peak     |         |

## REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

## **APPENDIX E BAND EDGE**

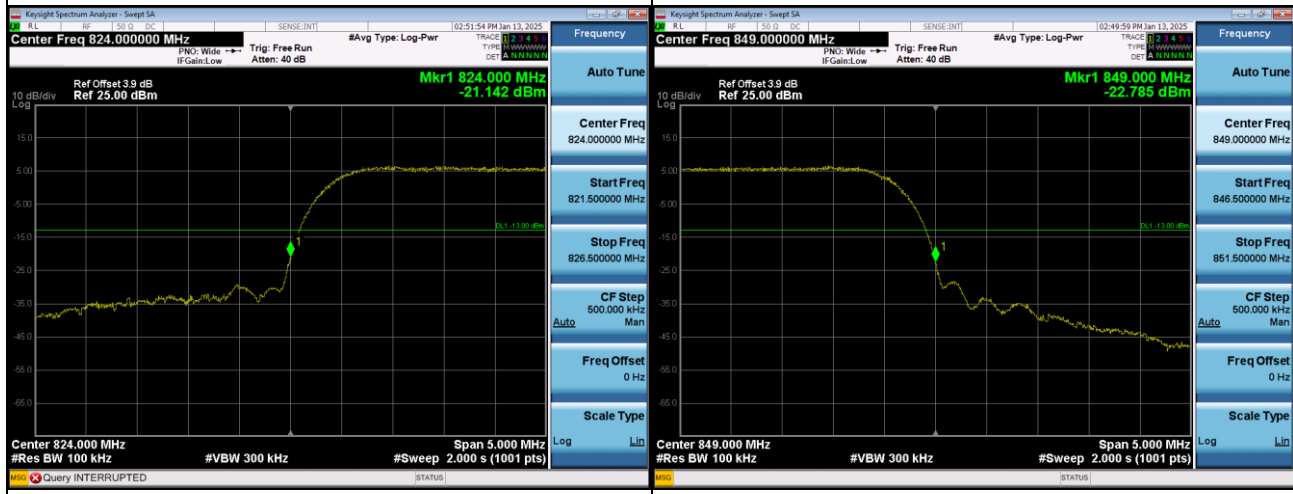
## WCDMA Band V\_WCDMA Spectrum Plot

Channel

4132

Channel

4233



## LTE Band 5\_1.4M Spectrum Plot

1RB#0

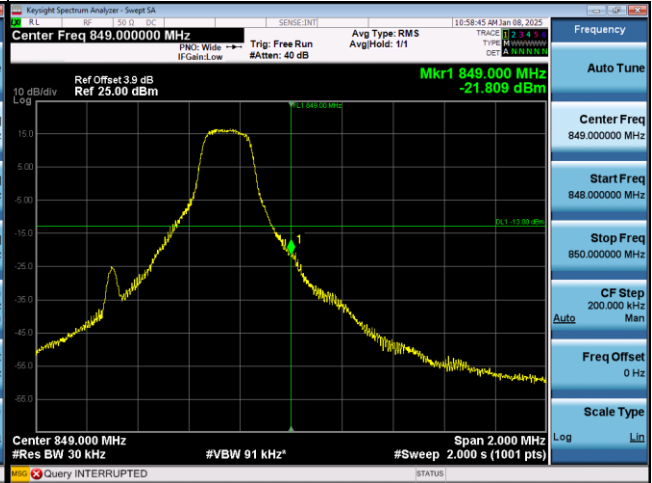
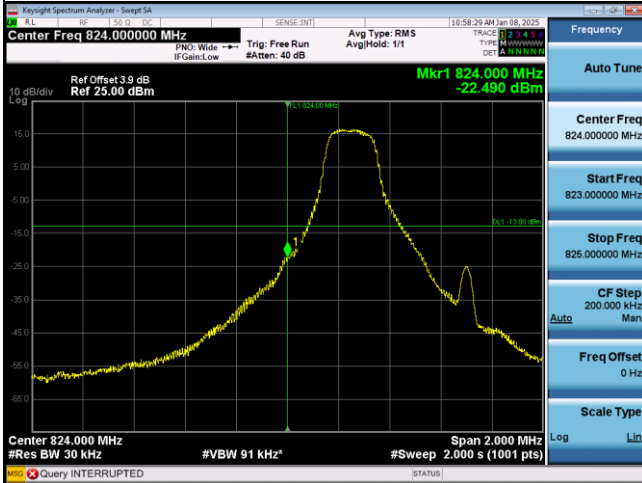
1RB#5

Channel

20407

Channel

20643



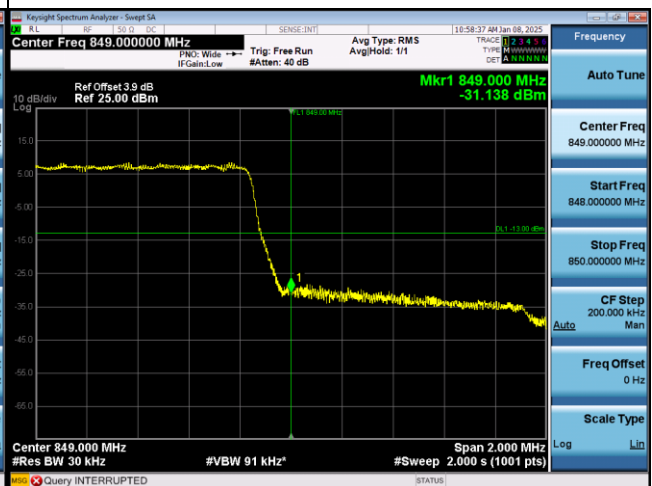
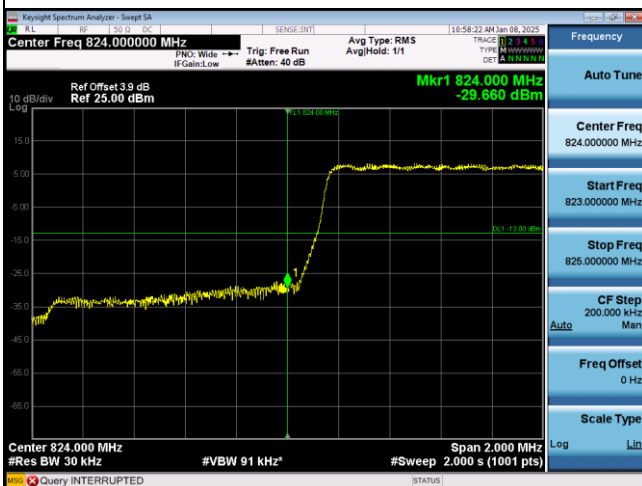
6RB#0

Channel

20407

Channel

20643



## LTE Band 5\_3M Spectrum Plot

1RB#0

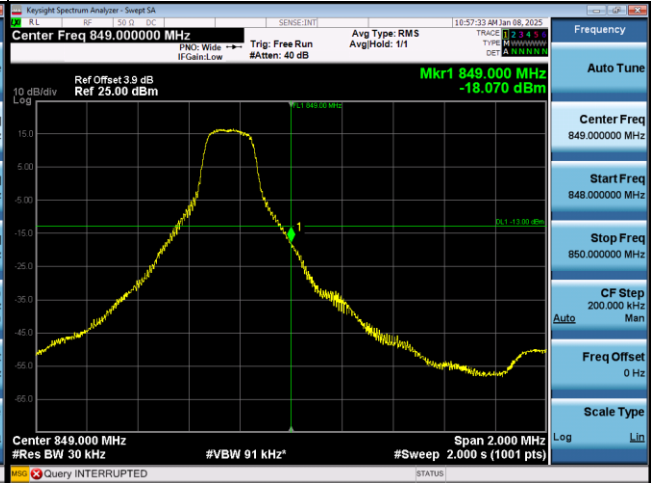
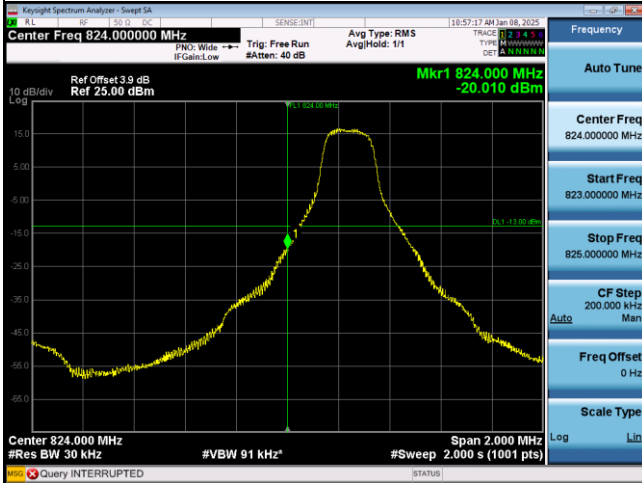
1RB#14

Channel

20415

Channel

20635



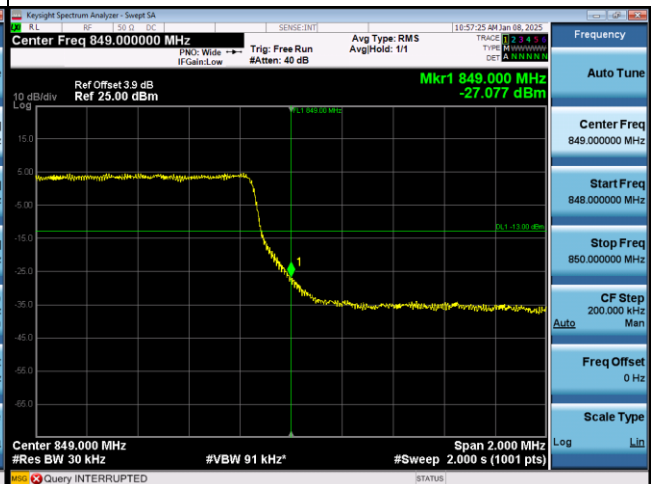
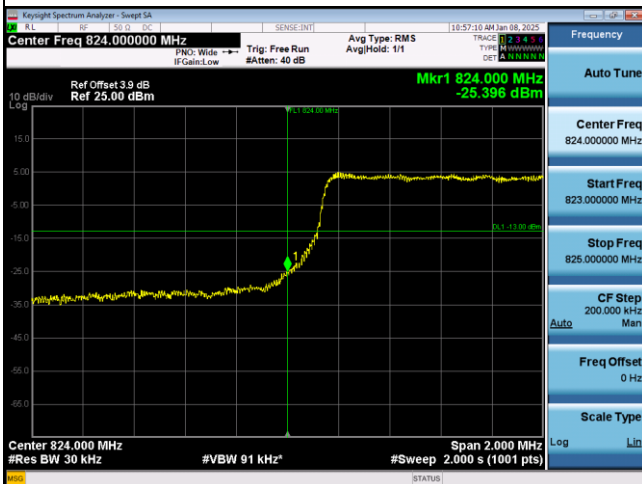
15RB#0

Channel

20415

Channel

20635



### LTE Band 5\_5M Spectrum Plot

1RB#0

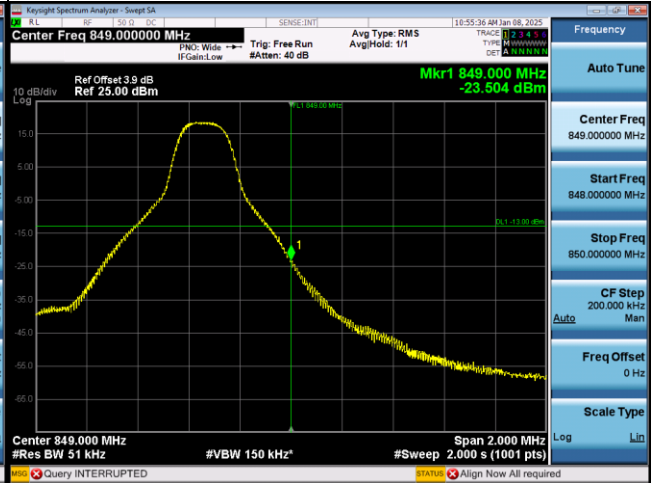
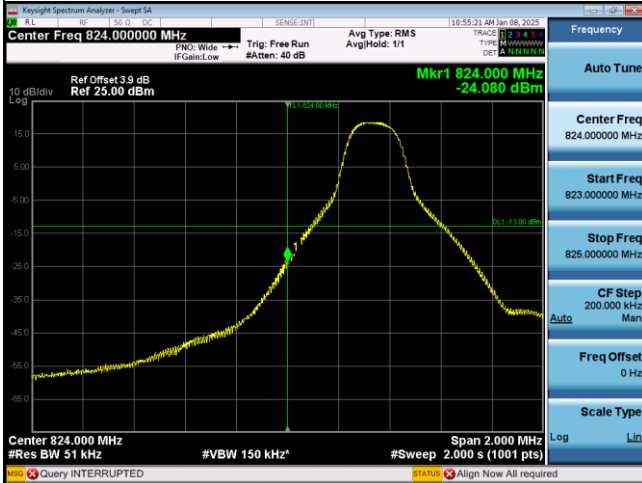
1RB#24

Channel

20425

Channel

20625



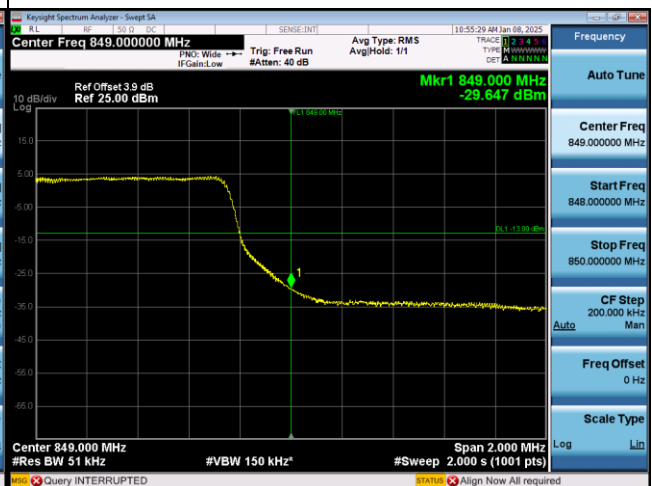
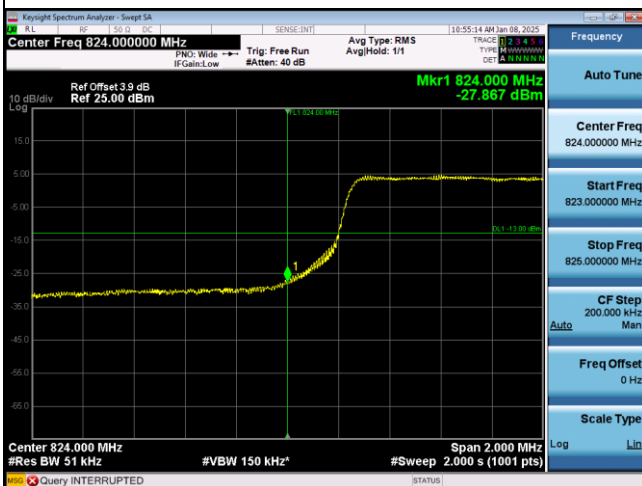
### 25RB#0

Channel

20425

Channel

20625



### LTE Band 5\_10M Spectrum Plot

1RB#0

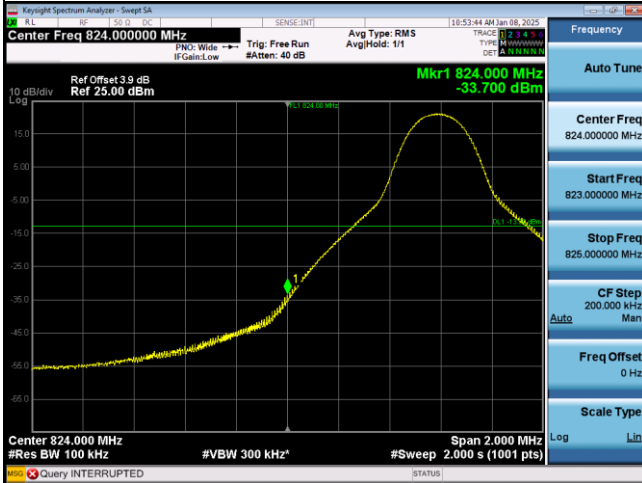
1RB#49

Channel

20450

Channel

20600



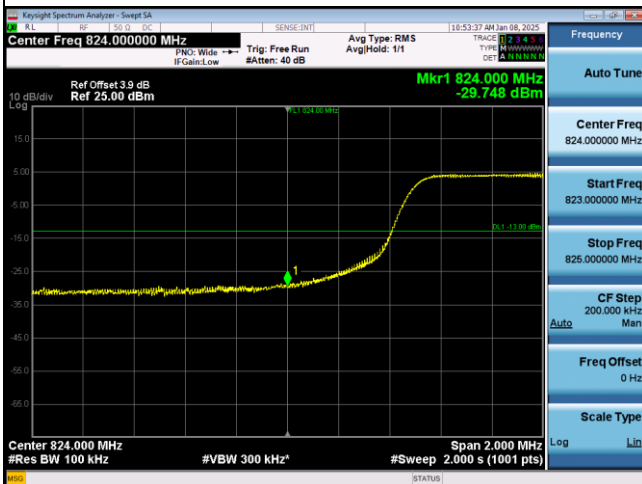
### 50RB#0

Channel

20450

Channel

20600



## LTE Band 26\_1.4M Spectrum Plot

1RB#0

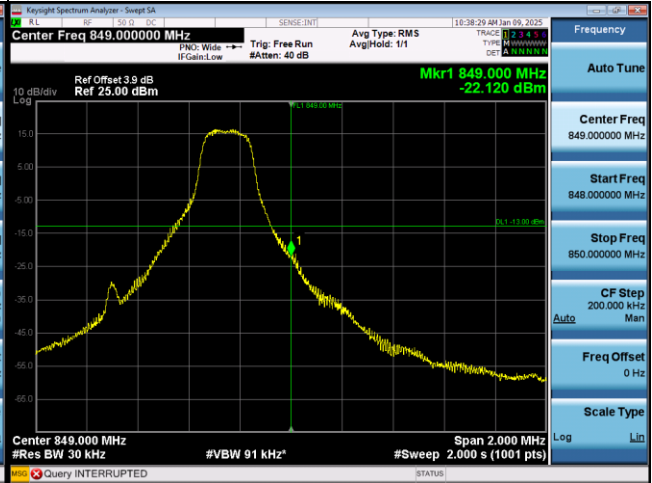
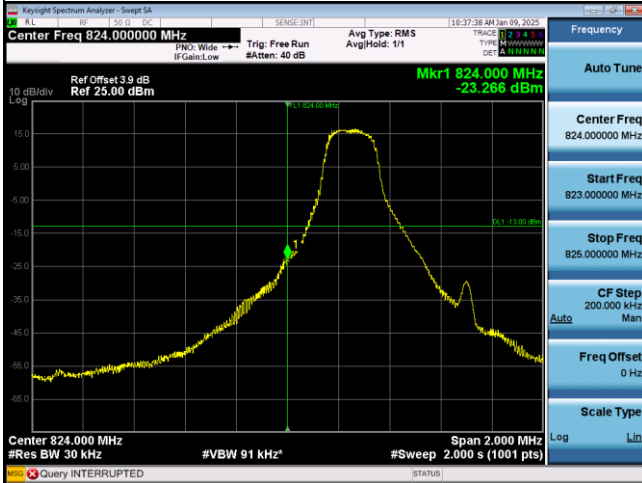
1RB#5

Channel

26797

Channel

27033



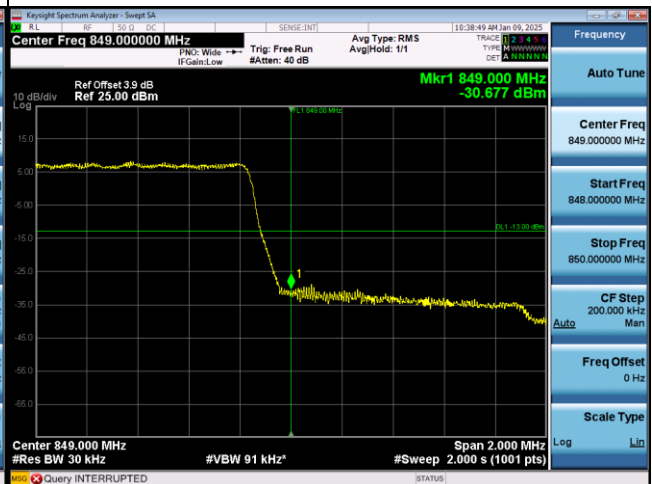
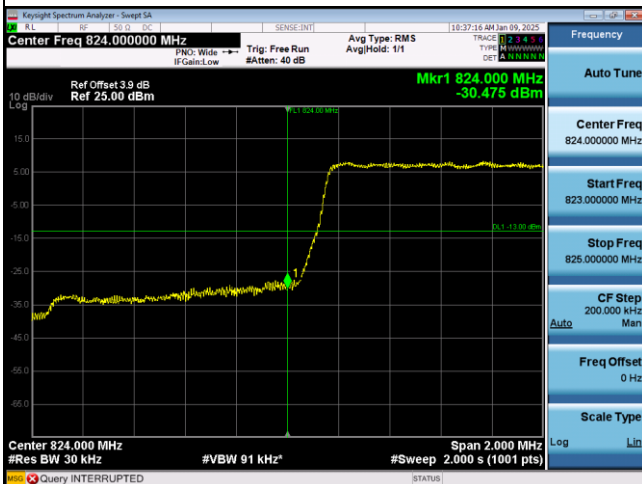
6RB#0

Channel

26797

Channel

27033



## LTE Band 26\_3M Spectrum Plot

1RB#0

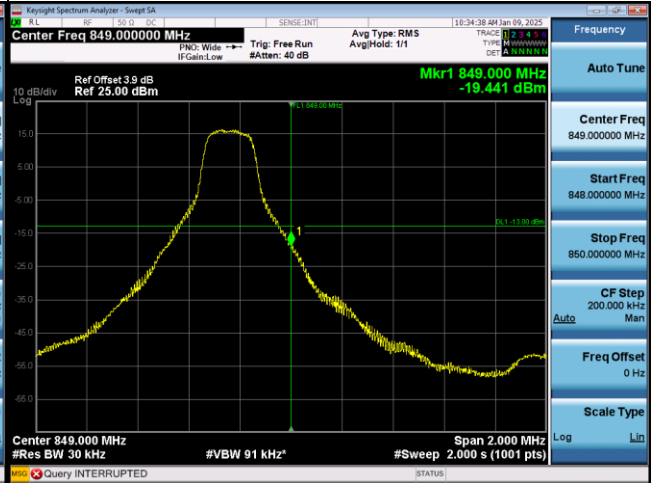
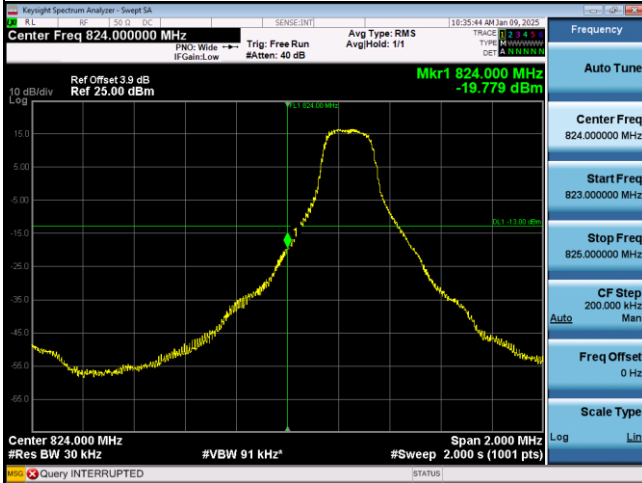
1RB#14

Channel

26805

Channel

27025



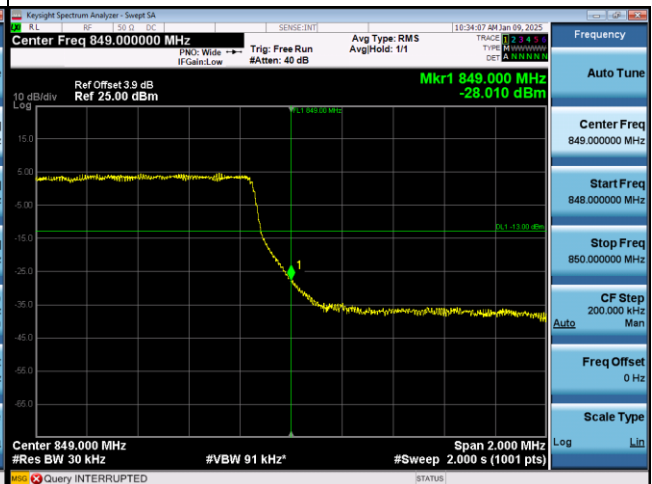
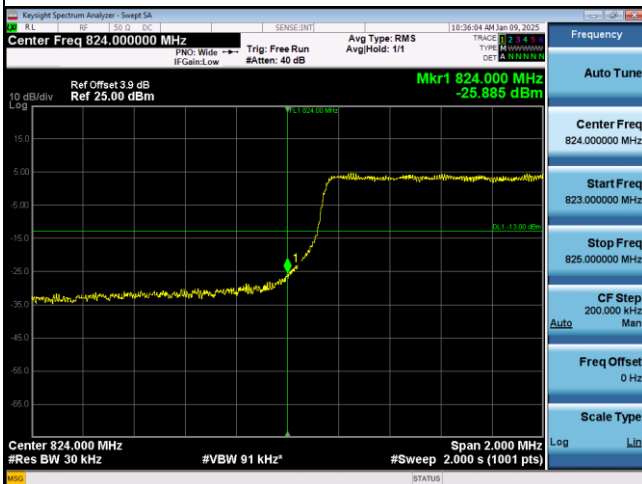
15RB#0

Channel

26805

Channel

27025



### LTE Band 26\_5M Spectrum Plot

1RB#0

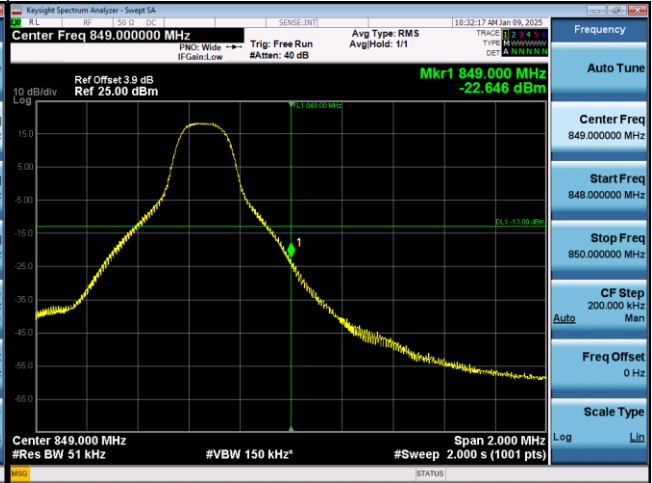
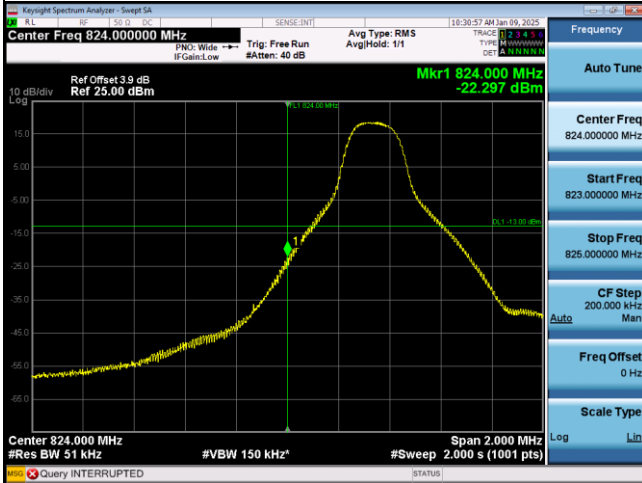
1RB#24

Channel

26815

Channel

27015



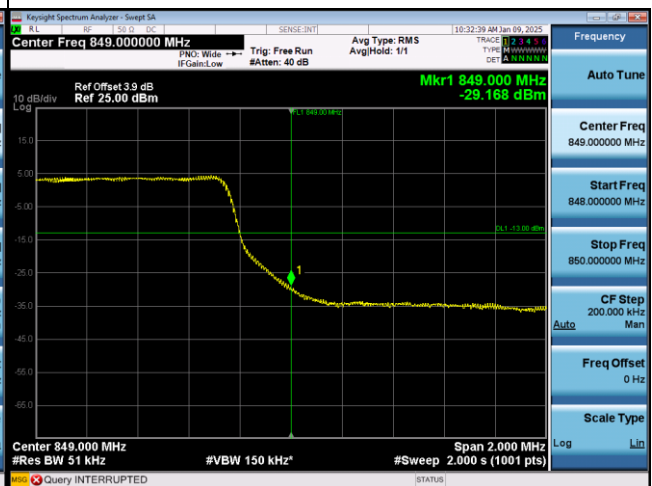
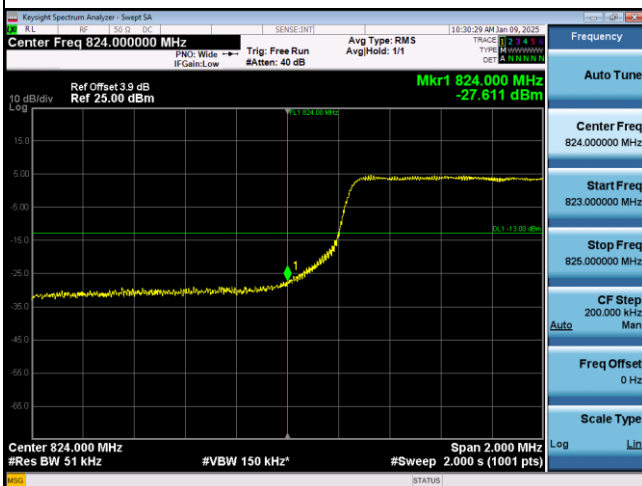
### 25RB#0

Channel

26815

Channel

27015



### LTE Band 26\_10M Spectrum Plot

1RB#0

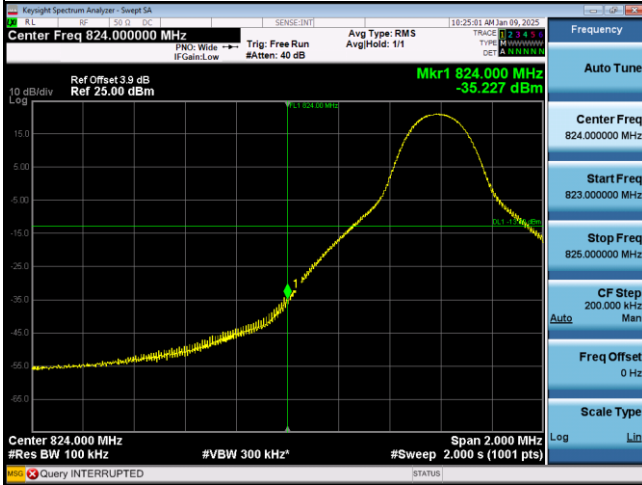
1RB#49

Channel

26840

Channel

26990



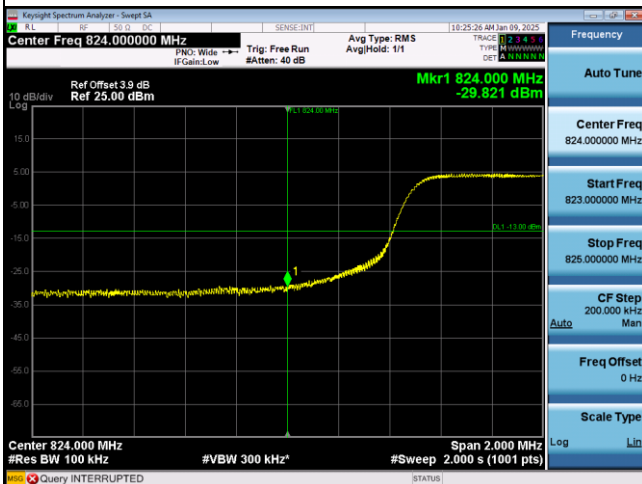
### 50RB#0

Channel

26840

Channel

26990



## LTE Band 26\_15M Spectrum Plot

1RB#0

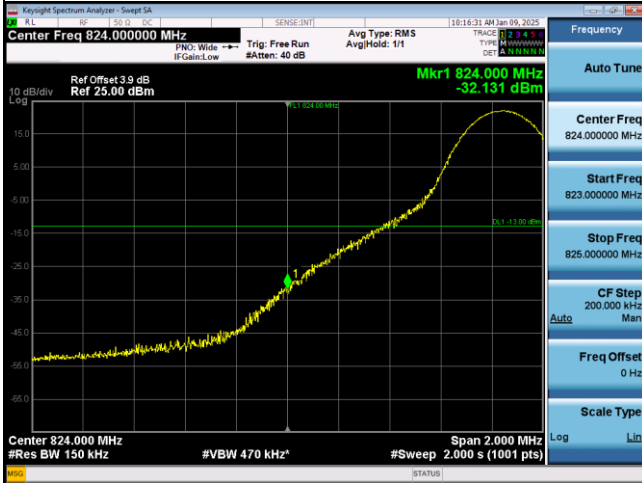
1RB#74

Channel

26865

Channel

26965



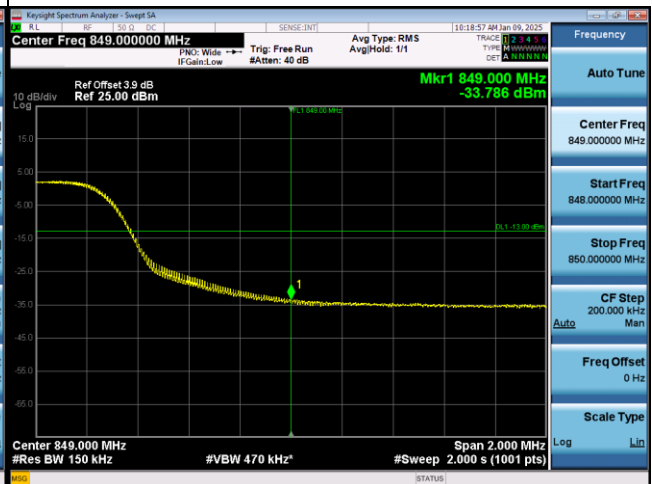
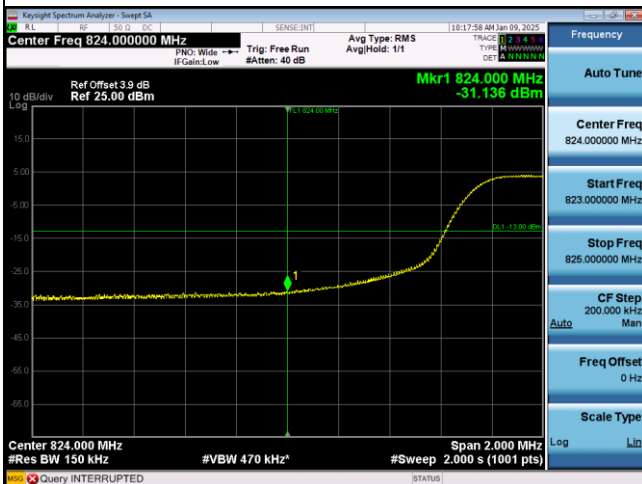
## 75RB#0

Channel

26865

Channel

26965



## **APPENDIX F PEAK TO AVERAGE RATIO**