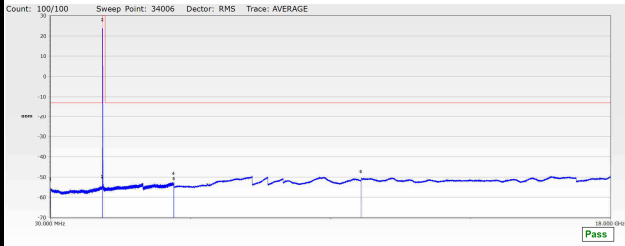




## LTE Band 66 / 5MHz

## Lowest Channel / QPSK

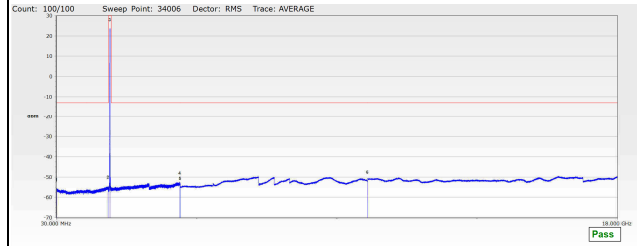


| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 1 MHz | 38.24500 MHz | -55.775 dBm | -42.775 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.65497 GHz  | -54.600 dBm | -41.600 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.77540 GHz  | -23.874 dBm | -6.126 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 3.94210 GHz  | -52.657 dBm | -39.657 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -52.813 dBm | -39.813 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -51.700 dBm | -38.700 dB | -13.000 dBm | 8.880 dB         | --- | --- |

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:39:23

## Middle Channel / QPSK

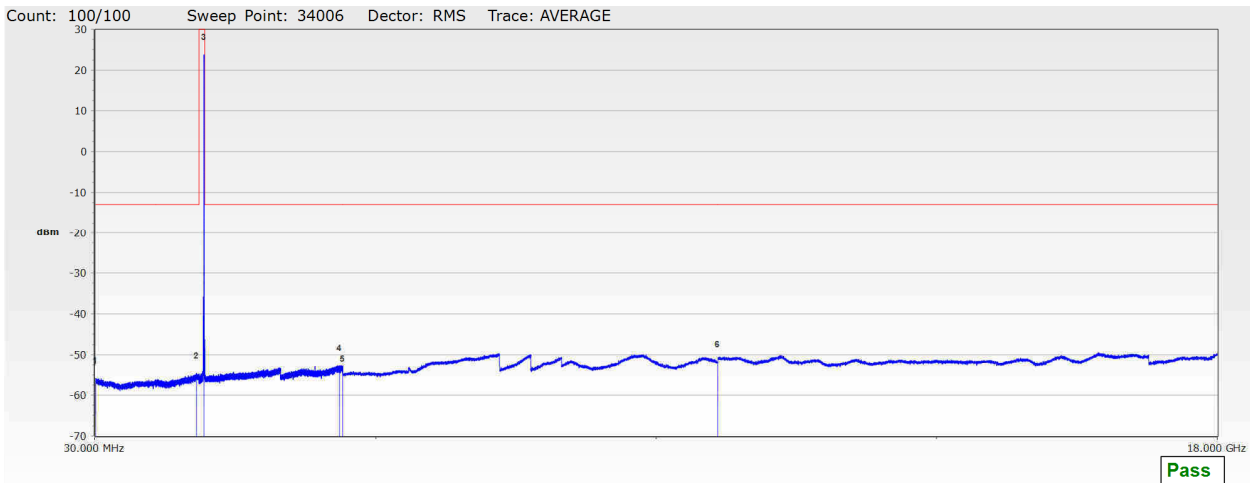


| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 1 MHz | 38.24500 MHz | -55.775 dBm | -42.775 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.65497 GHz  | -54.600 dBm | -41.600 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.77540 GHz  | -23.874 dBm | -6.126 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 3.94210 GHz  | -52.657 dBm | -39.657 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -52.813 dBm | -39.813 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -51.700 dBm | -38.700 dB | -13.000 dBm | 8.880 dB         | --- | --- |

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:39:31

## Highest Channel / QPSK



| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 3 MHz | 38.24500 MHz | -55.775 dBm | -42.775 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.65497 GHz  | -54.600 dBm | -41.600 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.77540 GHz  | -23.874 dBm | -6.126 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 3.94210 GHz  | -52.657 dBm | -39.657 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -52.813 dBm | -39.813 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -51.700 dBm | -38.700 dB | -13.000 dBm | 8.880 dB         | --- | --- |

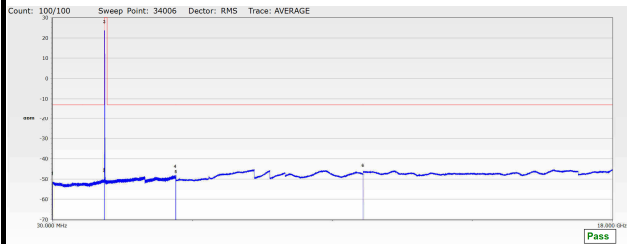
Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:39:37



## LTE Band 66 / 10MHz

## Lowest Channel / QPSK

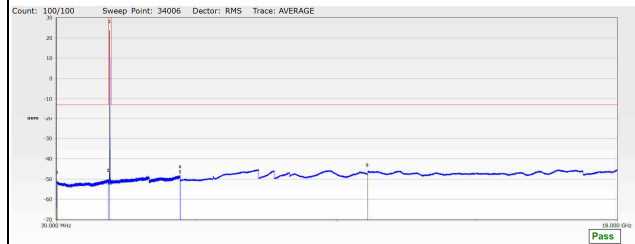


| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 3 MHz | 40.18500 MHz | -51.375 dBm | -38.107 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.69600 GHz  | -50.063 dBm | -37.063 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.77069 GHz  | -23.365 dBm | -6.635 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 3.98497 GHz  | -47.829 dBm | -34.829 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -49.142 dBm | -36.142 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -47.573 dBm | -34.573 dB | -13.000 dBm | 8.880 dB         | --- | --- |

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:39:58

## Middle Channel / QPSK

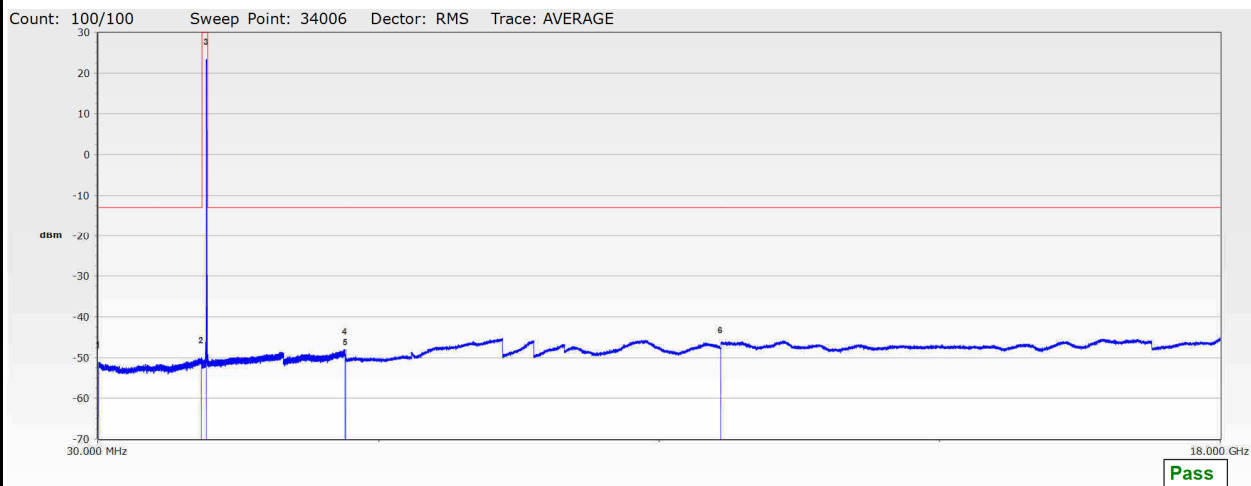


| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 3 MHz | 40.18500 MHz | -51.375 dBm | -38.107 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.69600 GHz  | -50.063 dBm | -37.063 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.77069 GHz  | -23.365 dBm | -6.635 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 3.98497 GHz  | -47.829 dBm | -34.829 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -49.142 dBm | -36.142 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -47.573 dBm | -34.573 dB | -13.000 dBm | 8.880 dB         | --- | --- |

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:40:05

## Highest Channel / QPSK



| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 3 MHz | 41.15500 MHz | -51.107 dBm | -38.107 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.69600 GHz  | -50.063 dBm | -37.063 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.77069 GHz  | -23.365 dBm | -6.635 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 3.98497 GHz  | -47.829 dBm | -34.829 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -49.142 dBm | -36.142 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -47.573 dBm | -34.573 dB | -13.000 dBm | 8.880 dB         | --- | --- |

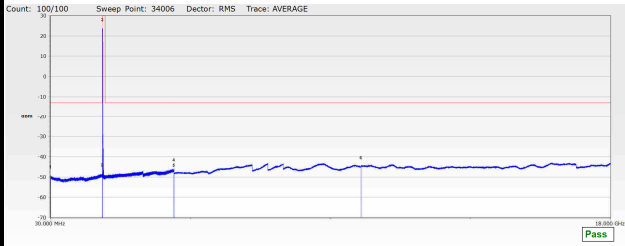
Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:40:11



## LTE Band 66 / 15MHz

## Lowest Channel / QPSK

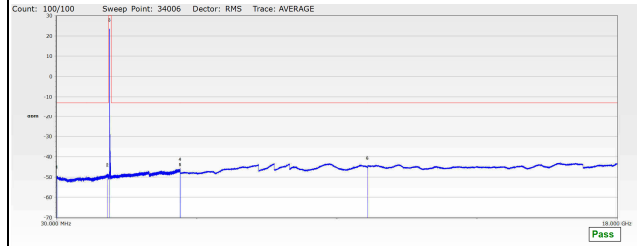


| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 3 MHz | 30.24000 GHz | -45.310 dBm | -36.710 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.69813 GHz  | -46.405 dBm | -35.405 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.71000 GHz  | -23.700 dBm | -6.200 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 3.99840 GHz  | -45.853 dBm | -32.853 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -46.849 dBm | -33.849 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -44.918 dBm | -31.918 dB | -13.000 dBm | 8.880 dB         | --- | --- |

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:40:33

## Middle Channel / QPSK

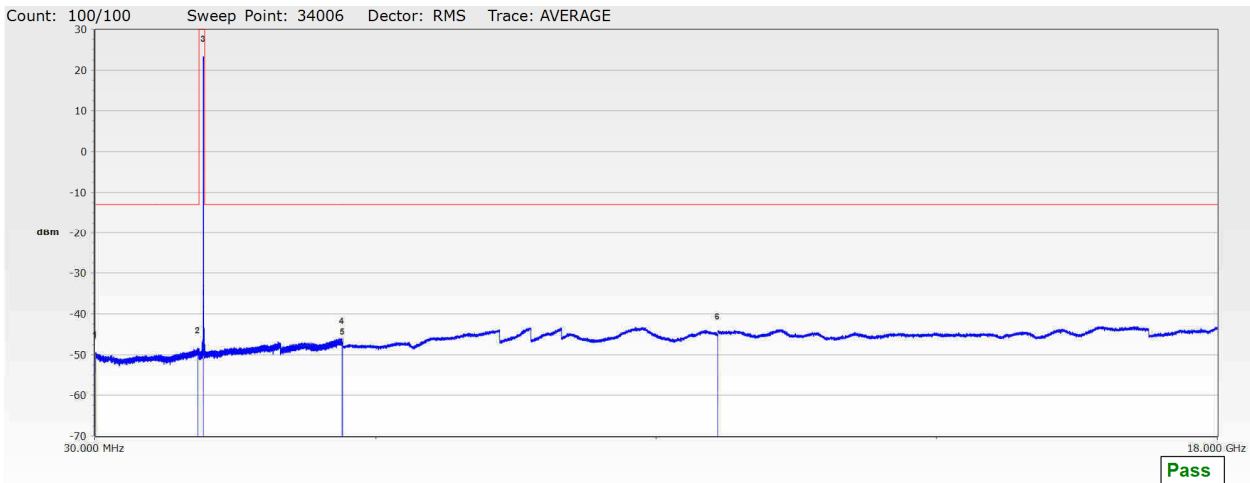


| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 3 MHz | 30.24000 GHz | -45.310 dBm | -36.710 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.69813 GHz  | -46.405 dBm | -35.405 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.71000 GHz  | -23.700 dBm | -6.200 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 3.99840 GHz  | -45.853 dBm | -32.853 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -46.849 dBm | -33.849 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -44.918 dBm | -31.918 dB | -13.000 dBm | 8.880 dB         | --- | --- |

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:40:41

## Highest Channel / QPSK



| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 3 MHz | 43.09500 MHz | -49.452 dBm | -36.452 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.69807 GHz  | -48.358 dBm | -35.358 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.76575 GHz  | -23.303 dBm | -6.697 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 3.98807 GHz  | -45.978 dBm | -32.978 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -46.849 dBm | -33.849 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -44.918 dBm | -31.918 dB | -13.000 dBm | 8.880 dB         | --- | --- |

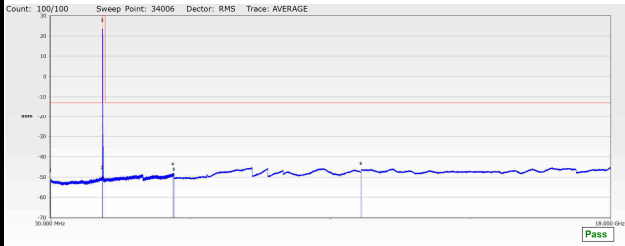
Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:40:49



## LTE Band 66 / 20MHz

## Lowest Channel / QPSK

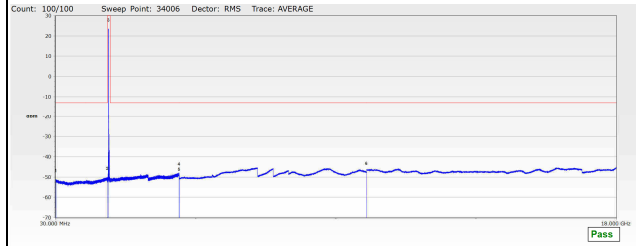


| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 1 MHz | 40.00000 GHz | -50.553 dBm | -37.763 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.67083 GHz  | -50.554 dBm | -37.763 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.73500 GHz  | -23.652 dBm | -6.348 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 2.99533 GHz  | -47.887 dBm | -34.868 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -48.868 dBm | -35.868 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -47.537 dBm | -34.537 dB | -13.000 dBm | 8.880 dB         | --- | --- |

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:41:03

## Middle Channel / QPSK

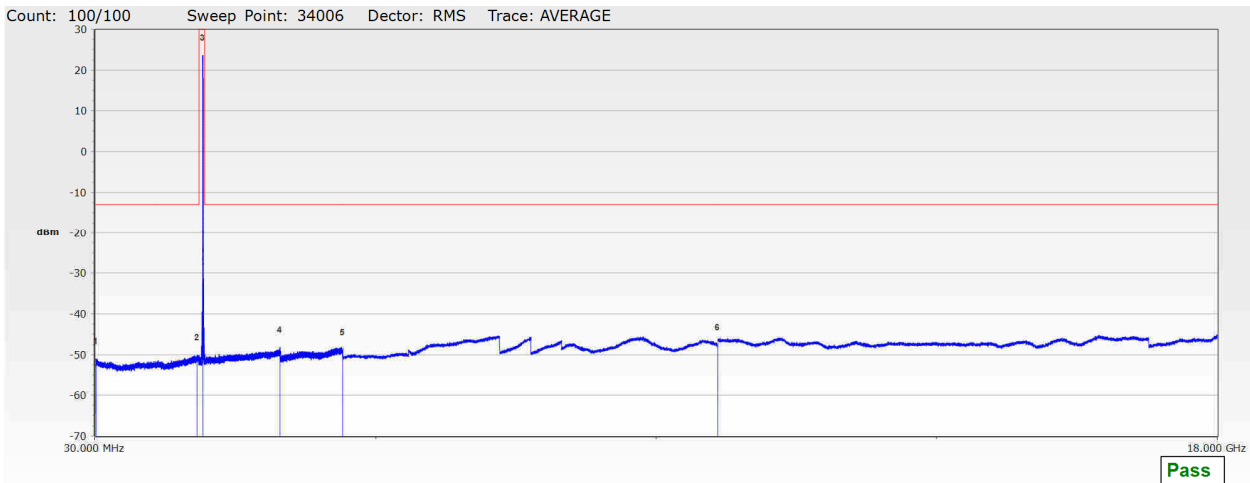


| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 1 MHz | 40.00000 GHz | -51.186 dBm | -38.186 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.67083 GHz  | -50.139 dBm | -37.139 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.73500 GHz  | -23.652 dBm | -6.348 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 2.99533 GHz  | -47.887 dBm | -34.868 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -48.868 dBm | -35.868 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -47.537 dBm | -34.537 dB | -13.000 dBm | 8.880 dB         | --- | --- |

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:41:15

## Highest Channel / QPSK



| Item | Range Low  | Range Up   | RBW   | VBW   | Frequency    | Power Abs   | Limit      | Limit       | Path Loss Factor | DCC | APS |
|------|------------|------------|-------|-------|--------------|-------------|------------|-------------|------------------|-----|-----|
| 1    | 30.000 MHz | 1.000 GHz  | 1 MHz | 3 MHz | 47.46000 MHz | -51.061 dBm | -38.061 dB | -13.000 dBm | 5.055 dB         | --- | --- |
| 2    | 1.000 GHz  | 1.700 GHz  | 1 MHz | 3 MHz | 1.67083 GHz  | -50.139 dBm | -37.139 dB | -13.000 dBm | 5.655 dB         | --- | --- |
| 3    | 1.700 GHz  | 1.790 GHz  | 1 MHz | 3 MHz | 1.76104 GHz  | -23.652 dBm | -6.348 dB  | 30.000 dBm  | 5.792 dB         | --- | --- |
| 4    | 1.790 GHz  | 4.000 GHz  | 1 MHz | 3 MHz | 2.99533 GHz  | -48.230 dBm | -35.230 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 5    | 4.000 GHz  | 10.000 GHz | 1 MHz | 3 MHz | 4.00000 GHz  | -48.868 dBm | -35.868 dB | -13.000 dBm | 7.053 dB         | --- | --- |
| 6    | 10.000 GHz | 18.000 GHz | 1 MHz | 3 MHz | 10.00000 GHz | -47.537 dBm | -34.537 dB | -13.000 dBm | 8.880 dB         | --- | --- |

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation  
Ver 1.1(20241209)

2025-04-25 13:41:23

## Frequency Stability

| Test Conditions  |                   | LTE Band 66 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0014                              | PASS    |
| 40               | Normal Voltage    | 0.0003                              |         |
| 30               | Normal Voltage    | 0.0012                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0032                              |         |
| 0                | Normal Voltage    | 0.0025                              |         |
| -10              | Normal Voltage    | 0.0021                              |         |
| -20              | Normal Voltage    | 0.0011                              |         |
| -30              | Normal Voltage    | 0.0008                              |         |
| 20               | Maximum Voltage   | 0.0026                              |         |
| 20               | Normal Voltage    | 0.0004                              |         |
| 20               | Battery End Point | 0.0027                              |         |

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 2C

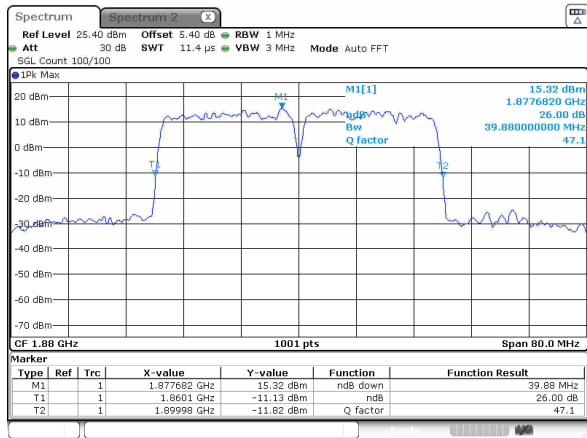
**26dB Bandwidth**

| Mode      | LTE Band 2-CA : 26dB BW(MHz) |       |
|-----------|------------------------------|-------|
| BW        | 20MHz+20MHz                  |       |
| Mod.      | QPSK                         | 16QAM |
| Middle CH | 39.88                        | 39.96 |
| BW        | 20MHz+15MHz                  |       |
| Mod.      | QPSK                         | 16QAM |
| Middle CH | 34.97                        | 35.11 |
| BW        | 20MHz+10MHz                  |       |
| Mod.      | QPSK                         | 16QAM |
| Middle CH | 30.03                        | 30.15 |
| BW        | 20MHz+5MHz                   |       |
| Mod.      | QPSK                         | 16QAM |
| Middle CH | 24.98                        | 24.88 |
| BW        | 15MHz+20MHz                  |       |
| Mod.      | QPSK                         | 16QAM |
| Middle CH | 35.04                        | 35.04 |
| BW        | 15MHz+15MHz                  |       |
| Mod.      | QPSK                         | 16QAM |
| Middle CH | 30.81                        | 30.69 |
| BW        | 15MHz+10MHz                  |       |
| Mod.      | QPSK                         | 16QAM |
| Middle CH | 25.43                        | 25.28 |
| BW        | 10MHz+20MHz                  |       |
| Mod.      | QPSK                         | 16QAM |
| Middle CH | 29.97                        | 30.15 |
| BW        | 10MHz+15MHz                  |       |
| Mod.      | QPSK                         | 16QAM |
| Middle CH | 25.33                        | 25.28 |
| BW        | 5MHz+20MHz                   |       |
| Mod.      | QPSK                         | 16QAM |
| Middle CH | 24.98                        | 24.93 |

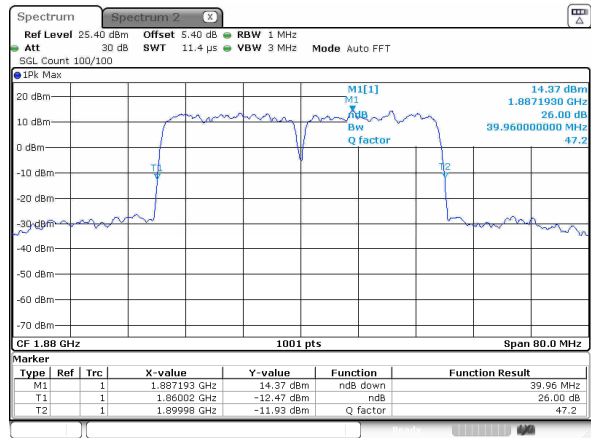


## LTE Band 2

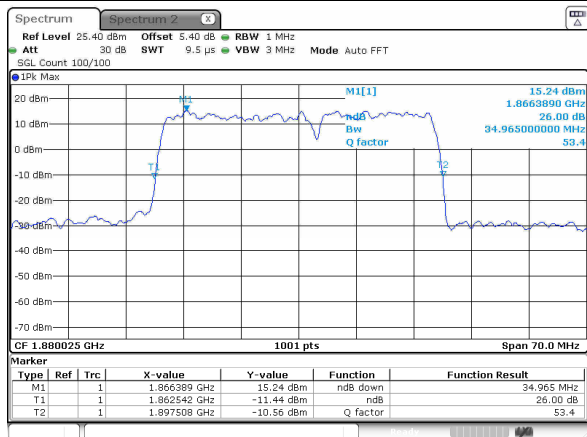
## Middle Channel / 20MHz+20MHz / QPSK



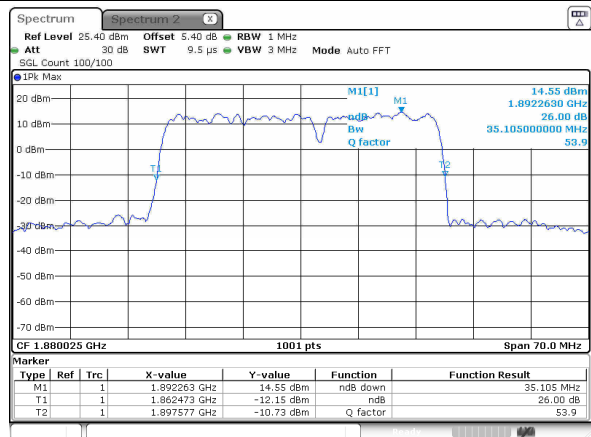
## Middle Channel / 20MHz+20MHz / 16QAM



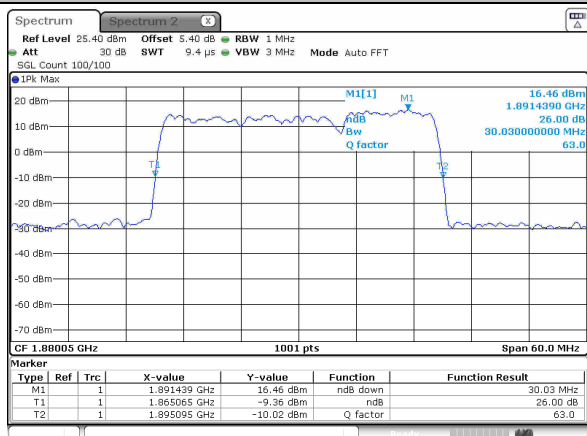
## Middle Channel / 20MHz+15MHz / QPSK



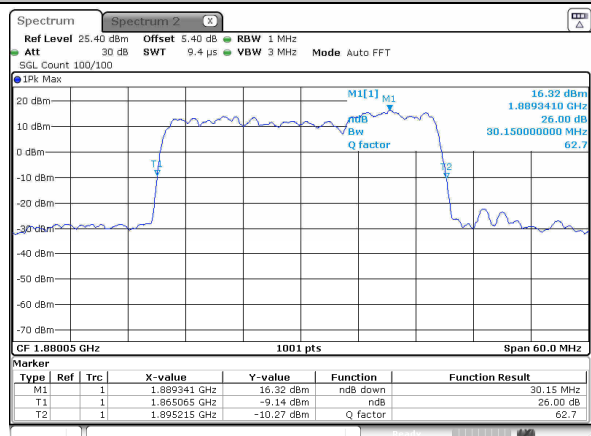
## Middle Channel / 20MHz+15MHz / 16QAM



## Middle Channel / 20MHz+10MHz / QPSK

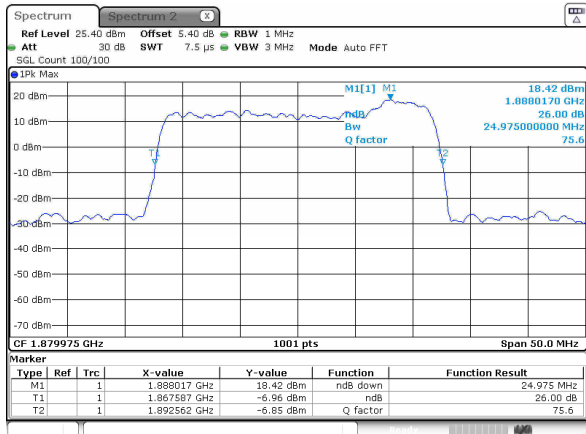


## Middle Channel / 20MHz+10MHz / 16QAM



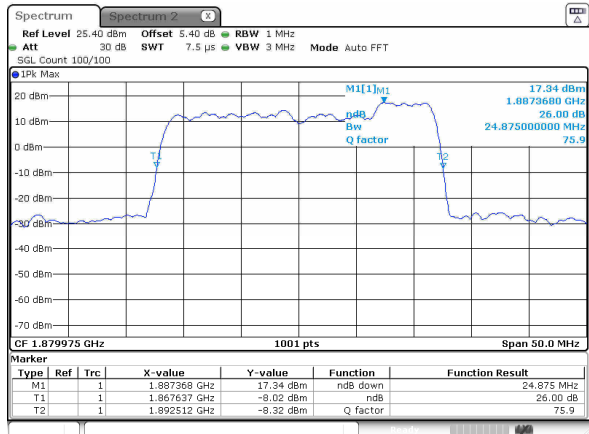


## Middle Channel / 20MHz+5MHz / QPSK



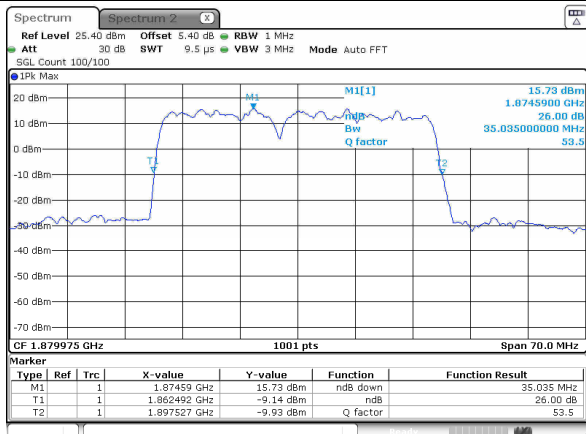
Date: 18.FEB.2025 15:03:39

## Middle Channel / 20MHz+5MHz / 16QAM



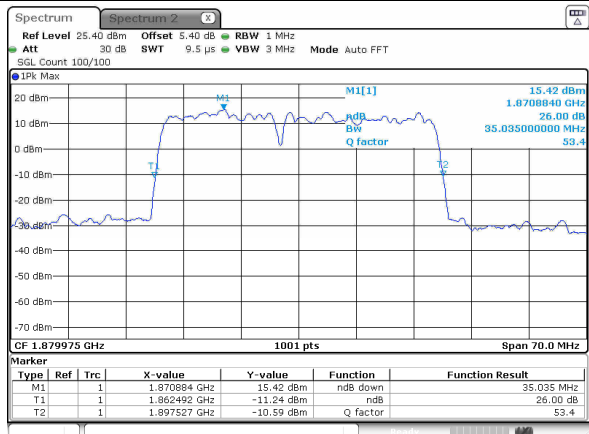
Date: 18.FEB.2025 15:04:05

## Middle Channel / 15MHz+20MHz / QPSK



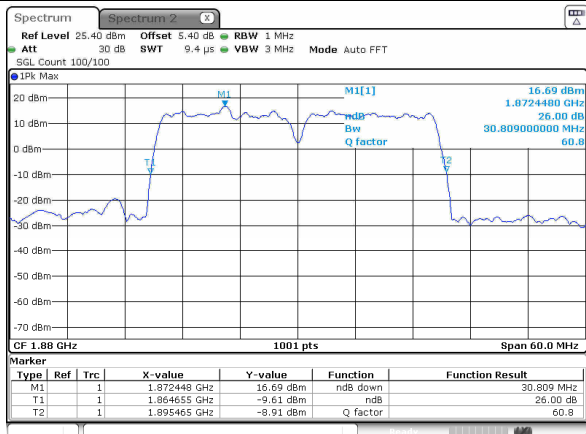
Date: 18.FEB.2025 17:44:17

## Middle Channel / 15MHz+20MHz / 16QAM



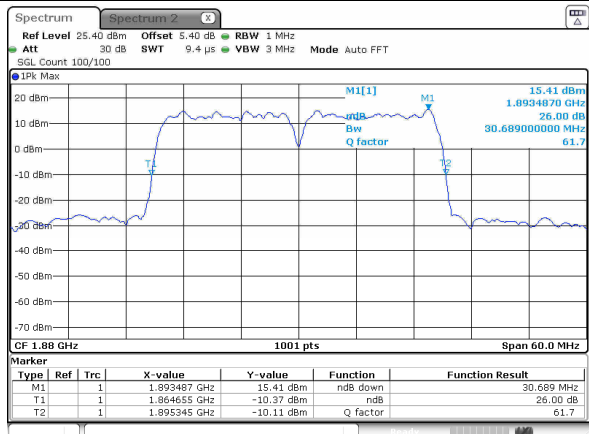
Date: 18.FEB.2025 17:44:47

## Middle Channel / 15MHz+15MHz / QPSK



Date: 18.FEB.2025 16:46:41

## Middle Channel / 15MHz+15MHz / 16QAM

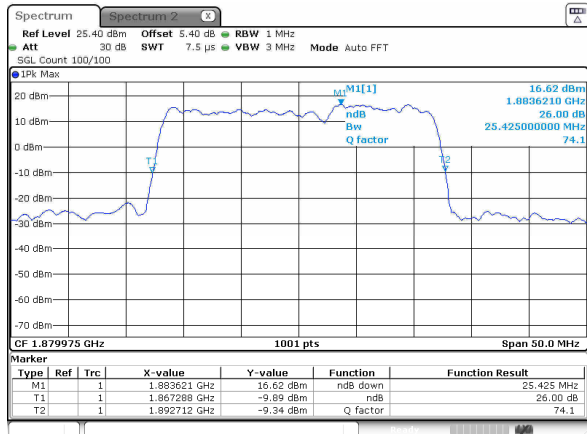


Date: 18.FEB.2025 16:46:13



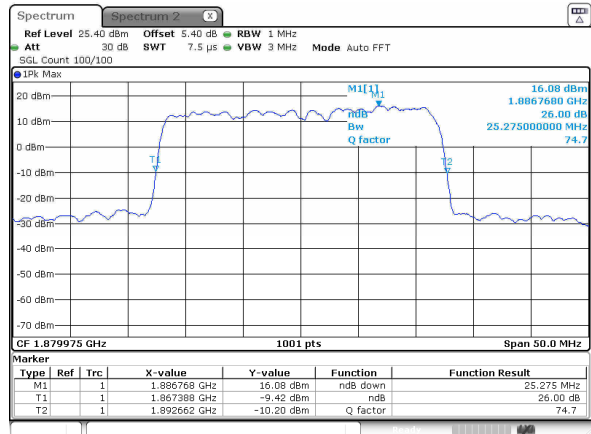


## Middle Channel / 15MHz+10MHz / QPSK



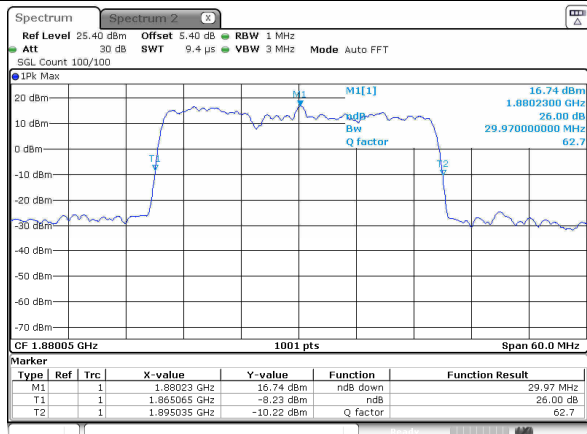
Date: 18.FEB.2025 16:11:20

## Middle Channel / 15MHz+10MHz / 16QAM



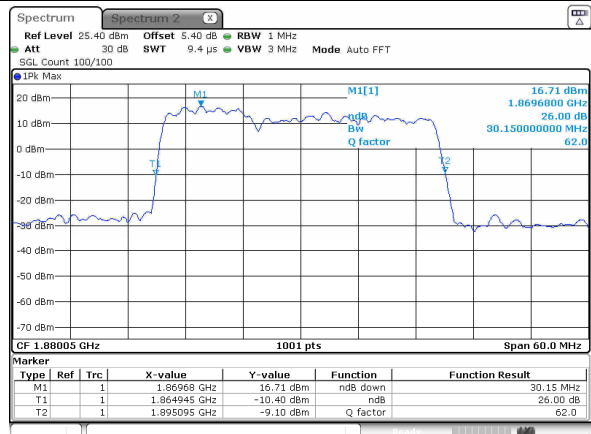
Date: 18.FEB.2025 16:11:50

## Middle Channel / 10MHz+20MHz / QPSK



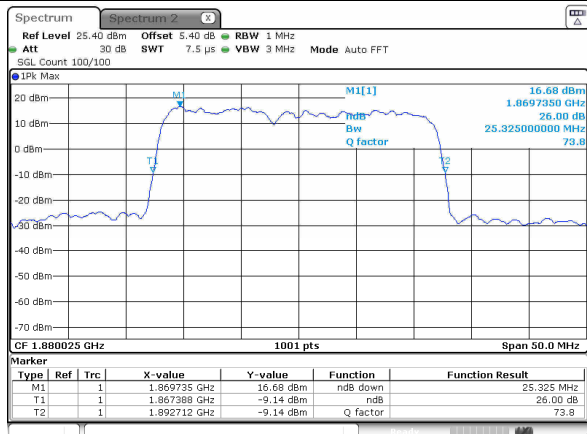
Date: 18.FEB.2025 16:58:30

## Middle Channel / 10MHz+20MHz / 16QAM



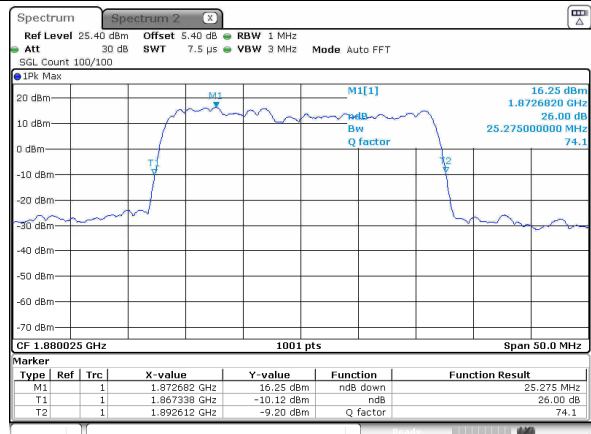
Date: 18.FEB.2025 16:58:01

## Middle Channel / 10MHz+15MHz / QPSK



Date: 18.FEB.2025 15:39:22

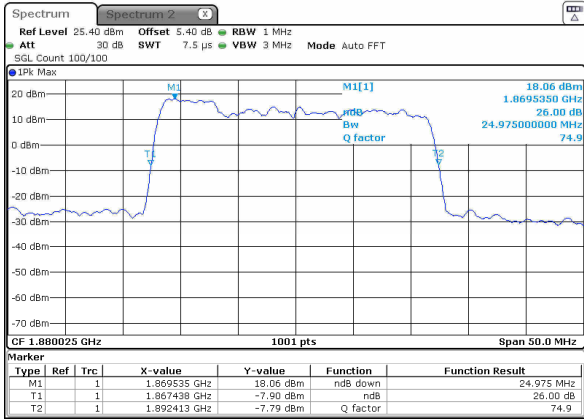
## Middle Channel / 10MHz+15MHz / 16QAM



Date: 18.FEB.2025 15:39:52

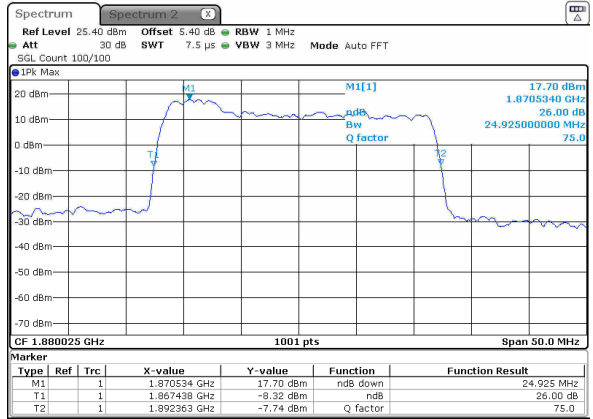


Middle Channel /5MHz+20MHz / QPSK



Date: 18.FEB.2025 14:27:52

Middle Channel / 5MHz+20MHz / 16QAM



Date: 18.FEB.2025 14:27:22

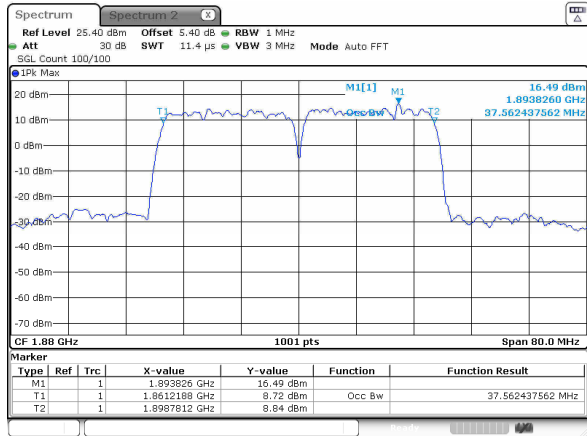
**Occupied Bandwidth**

| Mode      | LTE Band 2-CA : 99%OBW(MHz) |       |
|-----------|-----------------------------|-------|
| BW        | 20MHz+20MHz                 |       |
| Mod.      | QPSK                        | 16QAM |
| Middle CH | 37.56                       | 37.72 |
| BW        | 20MHz+15MHz                 |       |
| Mod.      | QPSK                        | 16QAM |
| Middle CH | 32.73                       | 32.87 |
| BW        | 20MHz+10MHz                 |       |
| Mod.      | QPSK                        | 16QAM |
| Middle CH | 28.05                       | 27.87 |
| BW        | 20MHz+5MHz                  |       |
| Mod.      | QPSK                        | 16QAM |
| Middle CH | 23.23                       | 23.18 |
| BW        | 15MHz+20MHz                 |       |
| Mod.      | QPSK                        | 16QAM |
| Middle CH | 32.94                       | 32.87 |
| BW        | 15MHz+15MHz                 |       |
| Mod.      | QPSK                        | 16QAM |
| Middle CH | 28.65                       | 28.47 |
| BW        | 15MHz+10MHz                 |       |
| Mod.      | QPSK                        | 16QAM |
| Middle CH | 23.48                       | 23.53 |
| BW        | 10MHz+20MHz                 |       |
| Mod.      | QPSK                        | 16QAM |
| Middle CH | 28.23                       | 28.05 |
| BW        | 10MHz+15MHz                 |       |
| Mod.      | QPSK                        | 16QAM |
| Middle CH | 23.48                       | 23.48 |
| BW        | 5MHz+20MHz                  |       |
| Mod.      | QPSK                        | 16QAM |
| Middle CH | 23.43                       | 23.43 |

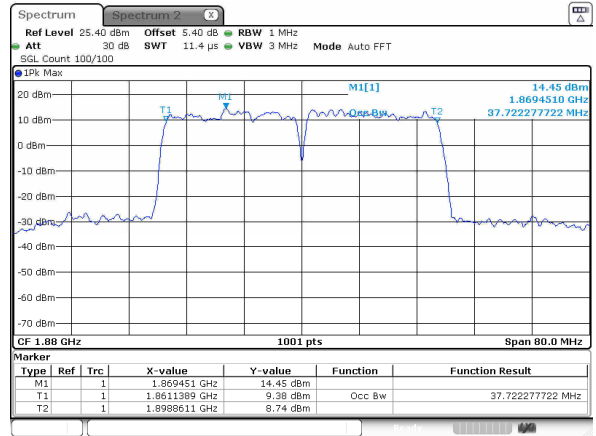


## LTE Band 2

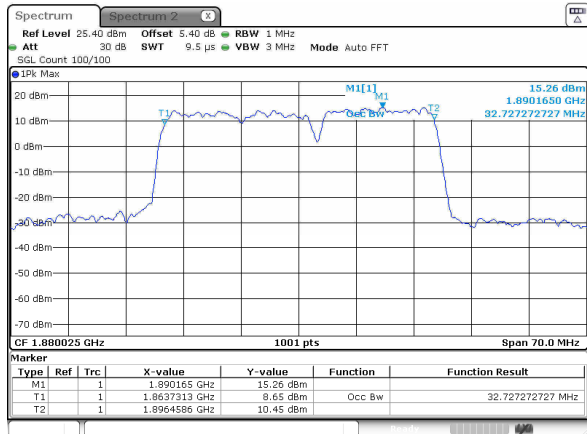
## Middle Channel / 20MHz+20MHz / QPSK



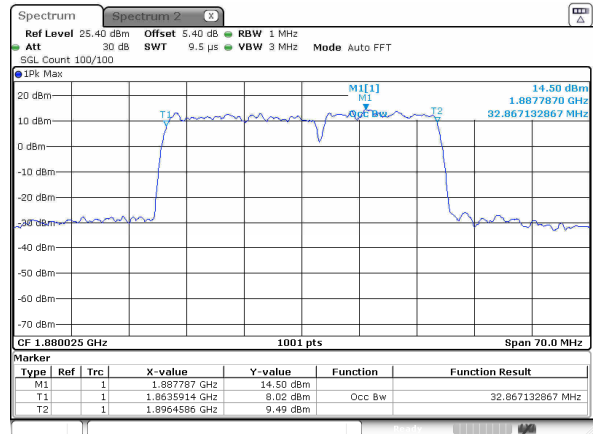
## Middle Channel / 20MHz+20MHz / 16QAM



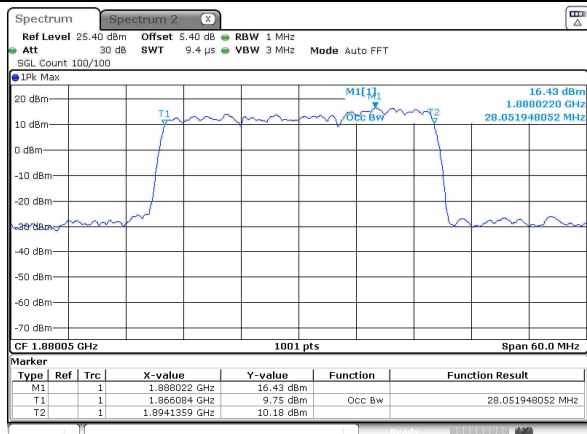
## Middle Channel / 20MHz+15MHz / QPSK



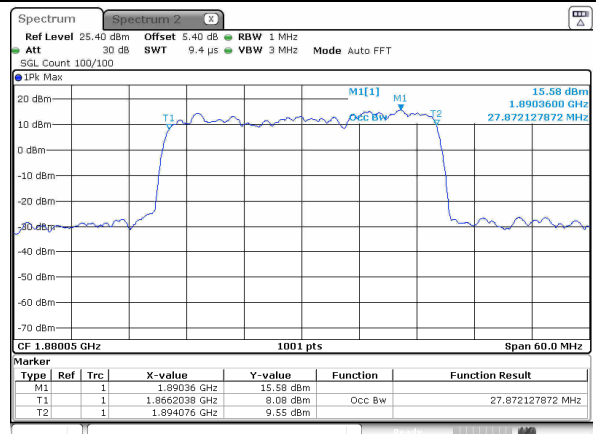
## Middle Channel / 20MHz+15MHz / 16QAM



## Middle Channel / 20MHz+10MHz / QPSK

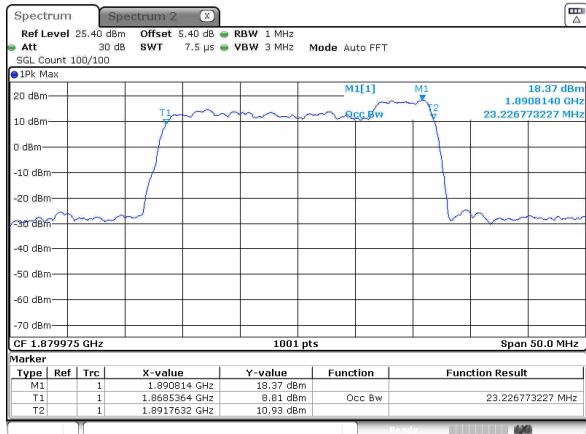


## Middle Channel / 20MHz+10MHz / 16QAM



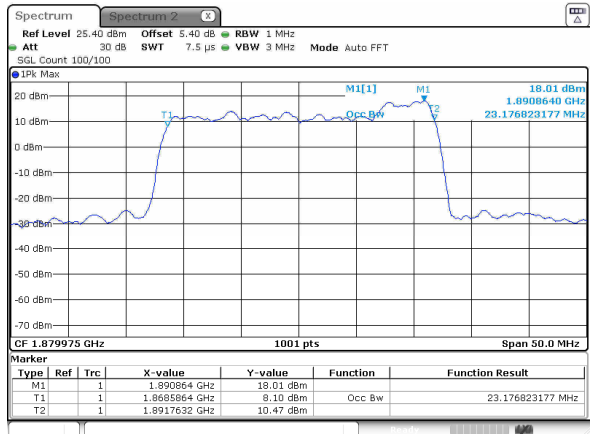


## Middle Channel / 20MHz+5MHz / QPSK



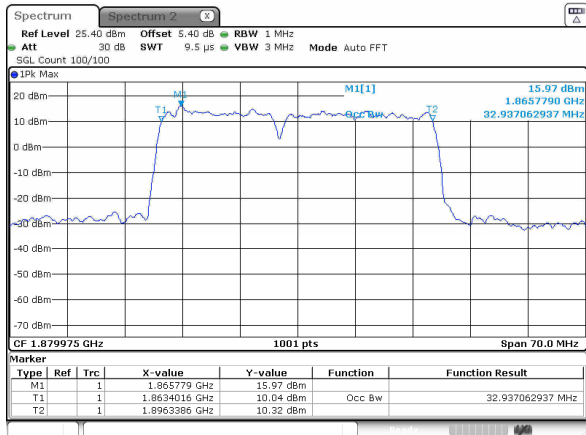
Date: 18.FEB.2025 15:03:05

## Middle Channel / 20MHz+5MHz / 16QAM



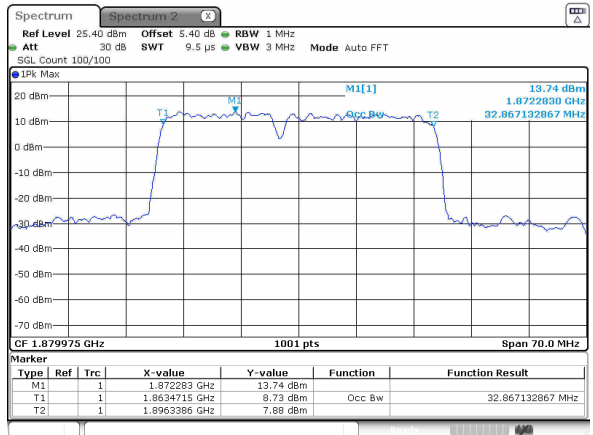
Date: 18.FEB.2025 15:04:34

## Middle Channel / 15MHz+20MHz / QPSK



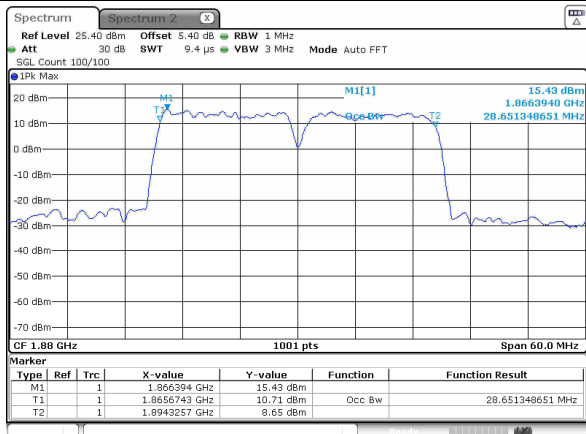
Date: 18.FEB.2025 17:42:48

## Middle Channel / 15MHz+20MHz / 16QAM



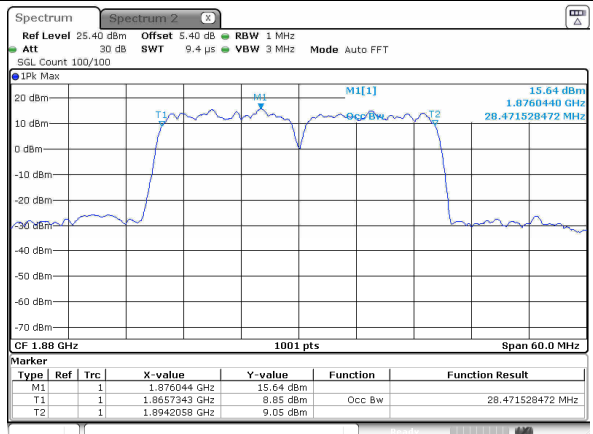
Date: 18.FEB.2025 17:43:18

## Middle Channel / 15MHz+15MHz / QPSK



Date: 18.FEB.2025 16:45:17

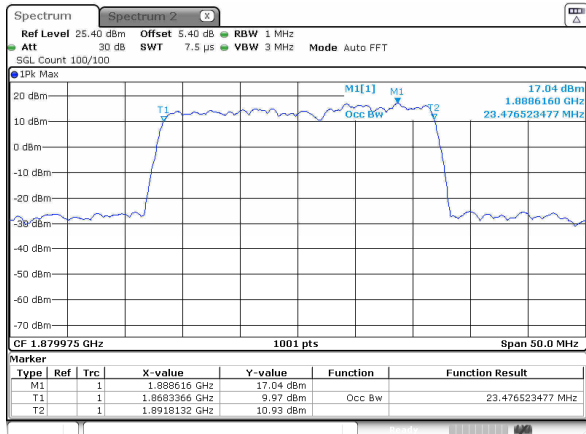
## Middle Channel / 15MHz+15MHz / 16QAM



Date: 18.FEB.2025 16:45:45

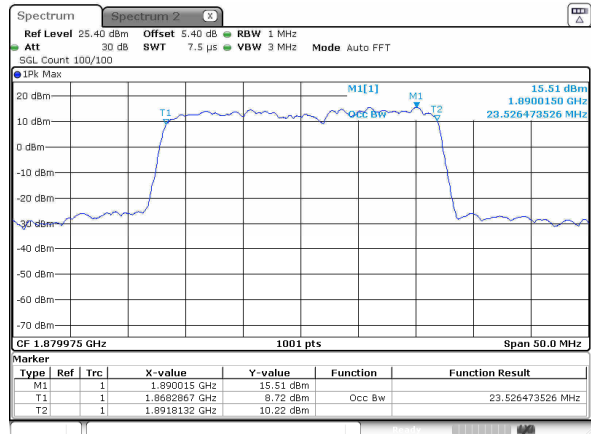


## Middle Channel / 15MHz+10MHz / QPSK



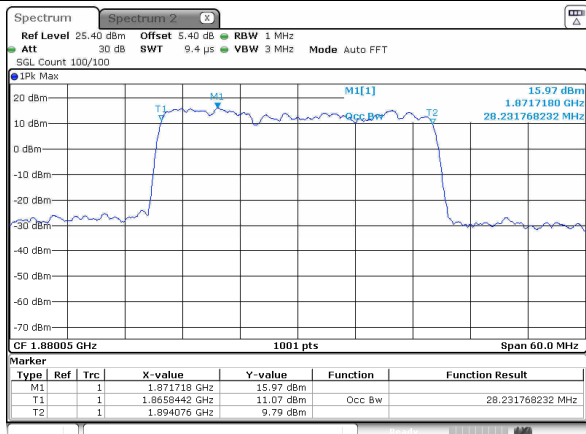
Date: 18.FEB.2025 16:10:51

## Middle Channel / 15MHz+10MHz / 16QAM



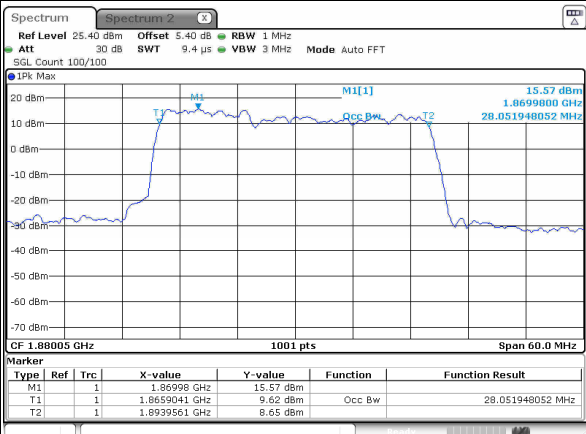
Date: 18.FEB.2025 16:12:19

## Middle Channel / 10MHz+20MHz / QPSK



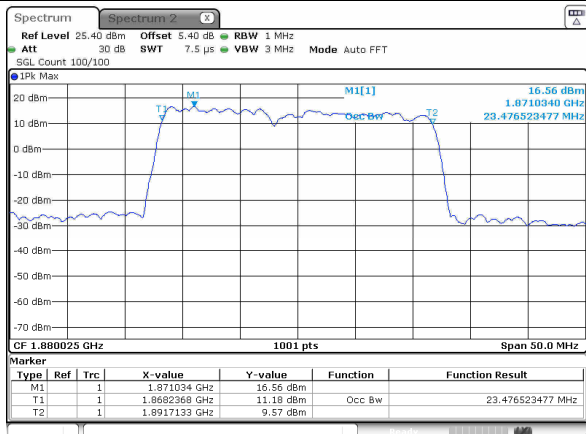
Date: 18.FEB.2025 16:57:01

## Middle Channel / 10MHz+20MHz / 16QAM



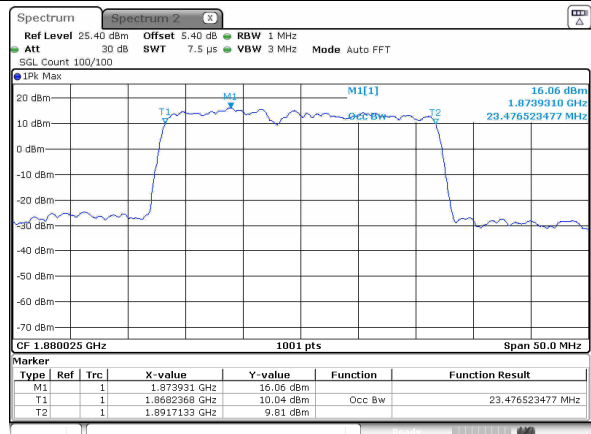
Date: 18.FEB.2025 16:57:31

## Middle Channel / 10MHz+15MHz / QPSK



Date: 18.FEB.2025 15:38:53

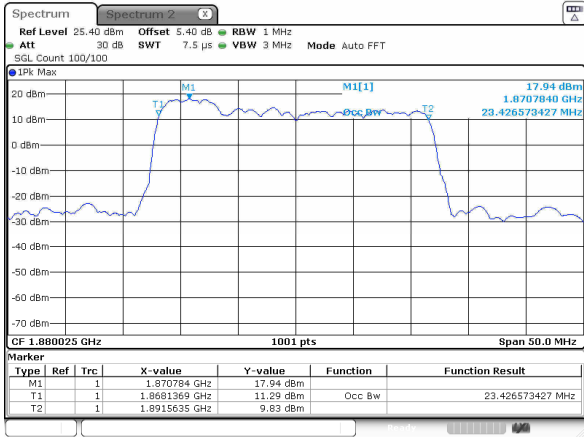
## Middle Channel / 10MHz+15MHz / 16QAM



Date: 18.FEB.2025 15:40:22

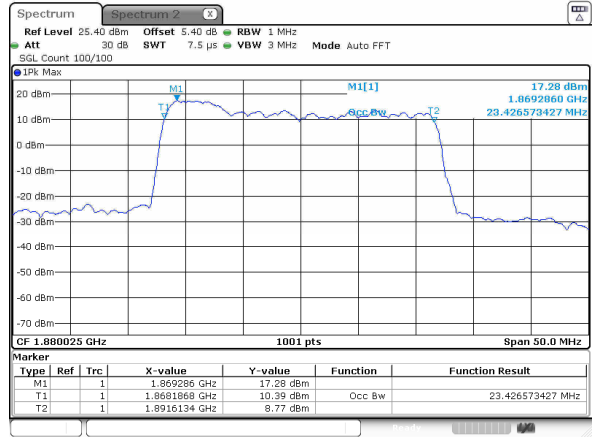


Middle Channel / 5MHz+20MHz / QPSK



Date: 18.FEB.2025 14:26:23

Middle Channel / 5MHz+20MHz / 16QAM



Date: 18.FEB.2025 14:26:52

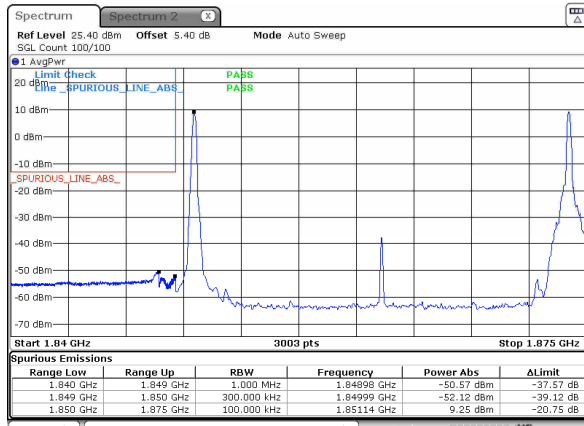


# Conducted Band Edge

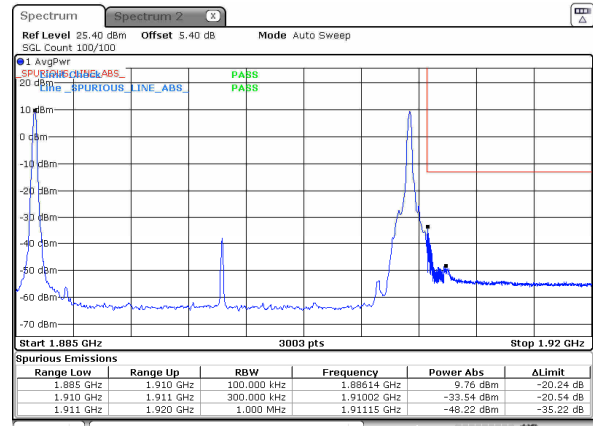
## LTE Band 2C / 5MHz+20MHz

### QPSK

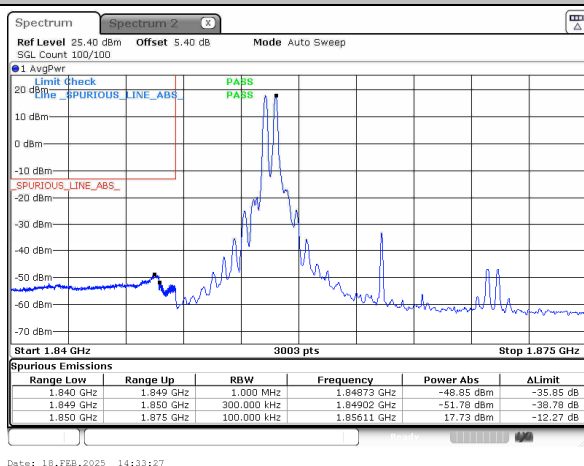
#### Lowest Band Edge / 1RB0 and 1RB99



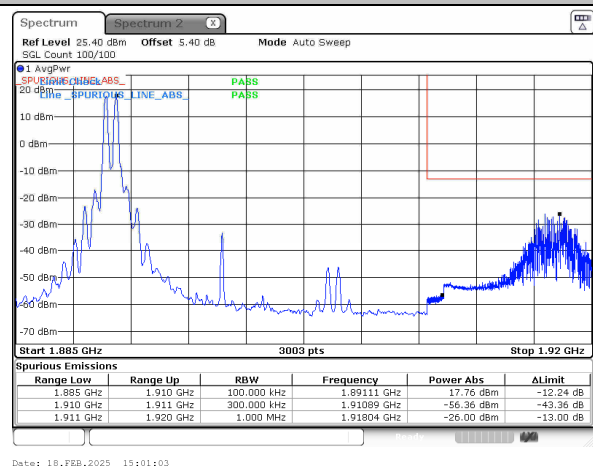
#### Highest Band Edge / 1RB0 and 1RB99



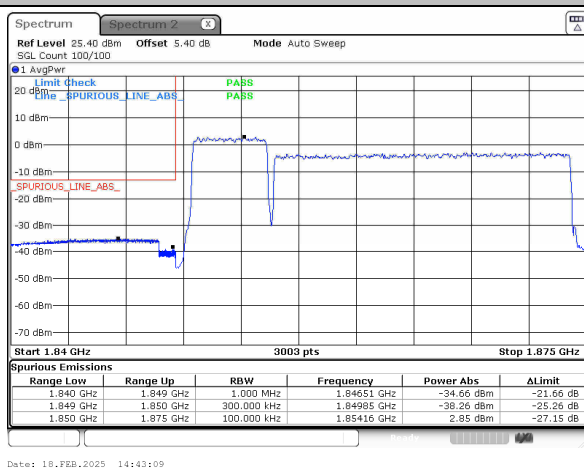
#### Lowest Band Edge / 1RB24 and 1RB0



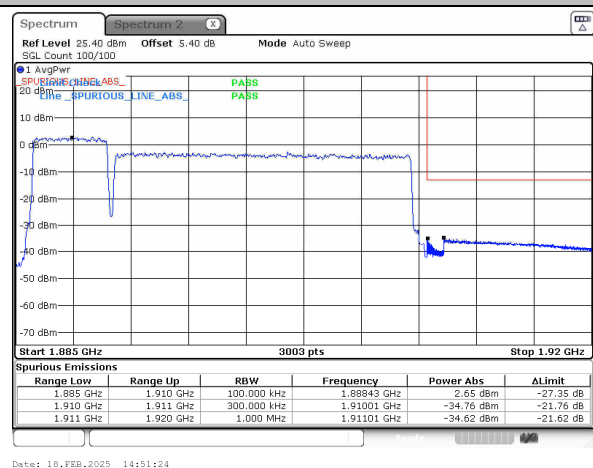
#### Highest Band Edge / 1RB24 and 1RB0



#### Lowest Band Edge / Full RB



#### Highest Band Edge / Full RB



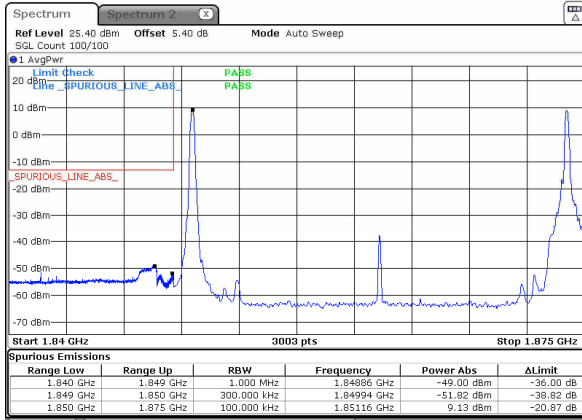




## LTE Band 2C / 5MHz+20MHz

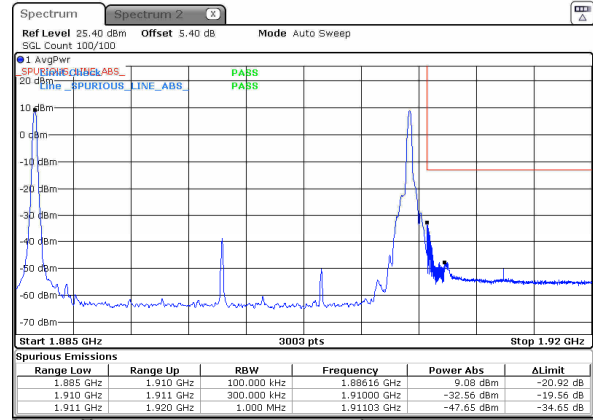
## 16QAM

## Lowest Band Edge / 1RB0 and 1RB99



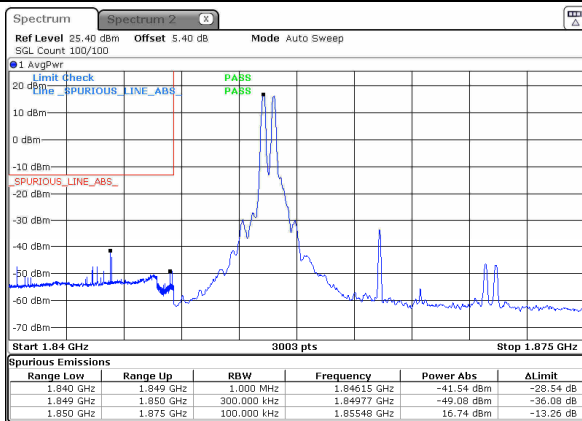
Date: 18.FEB.2025 14:39:55

## Highest Band Edge / 1RB0 and 1RB99



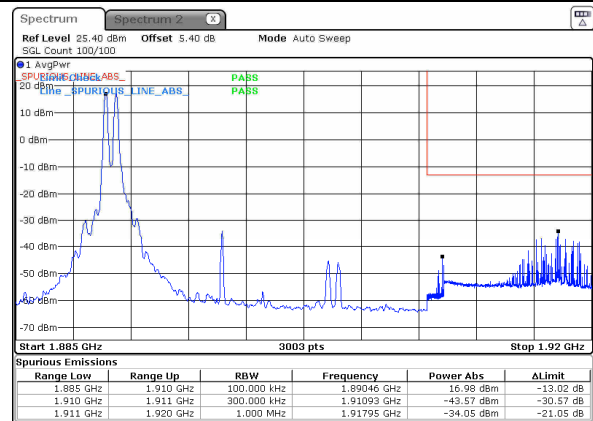
Date: 18.FEB.2025 14:54:37

## Lowest Band Edge / 1RB24 and 1RB0



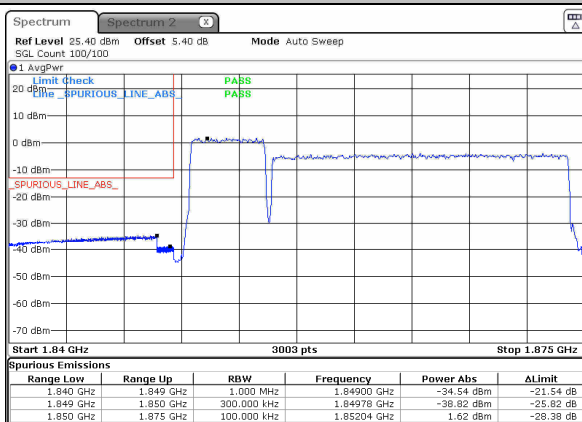
Date: 18.FEB.2025 14:35:04

## Highest Band Edge / 1RB24 and 1RB0



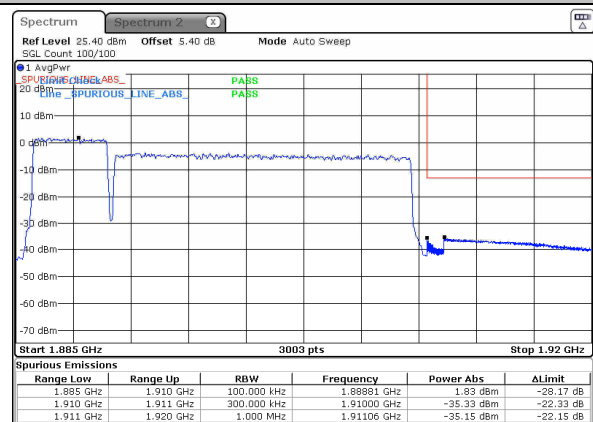
Date: 18.FEB.2025 14:52:27

## Lowest Band Edge / Full RB



Date: 18.FEB.2025 14:44:45

## Highest Band Edge / Full RB



Date: 18.FEB.2025 14:59:48