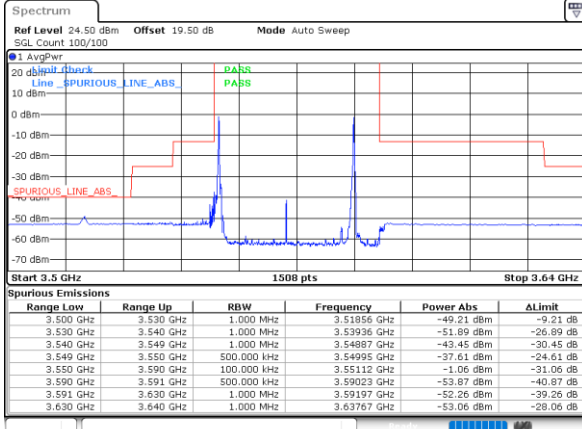




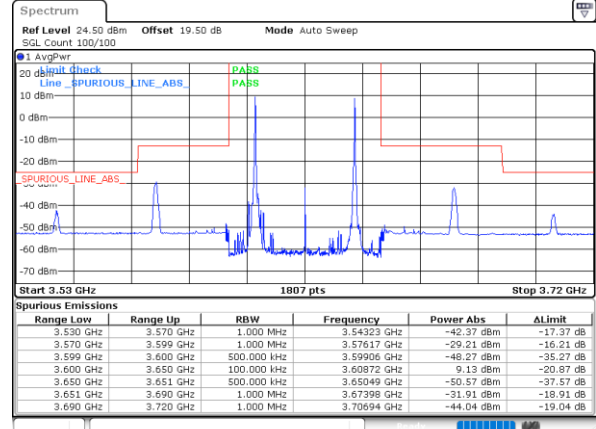
## LTE Band 48C / 20MHz+15MHz

## 64QAM

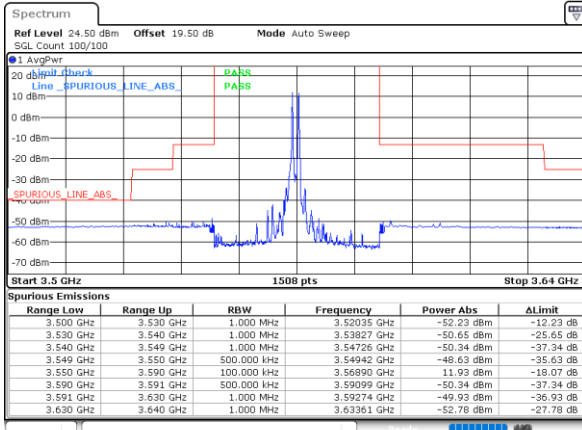
## Lowest Band Edge / 1RB0 and 1RB74



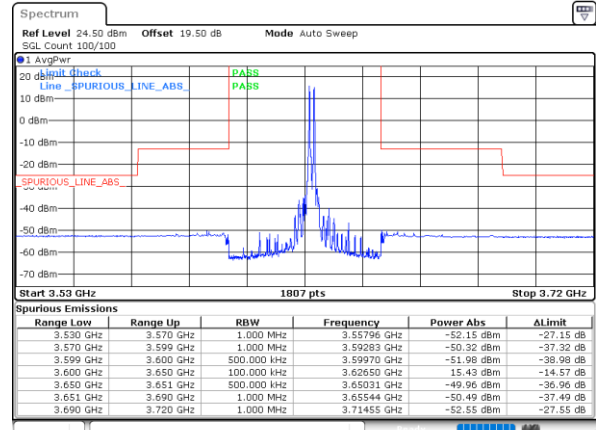
## Middle Band Edge / 1RB0 and 1RB74



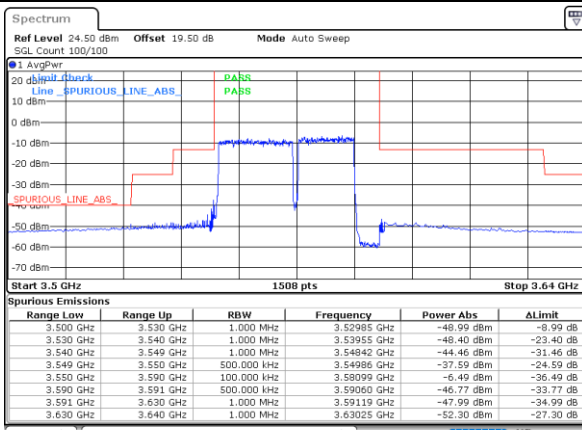
## Lowest Band Edge / 1RB99 and 1RB0



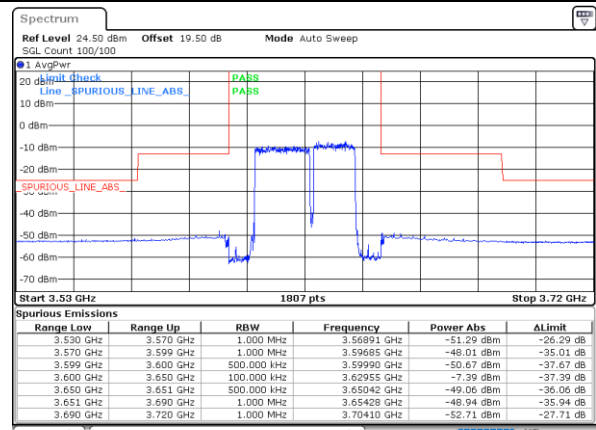
## Middle Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Middle Band Edge / Full RB

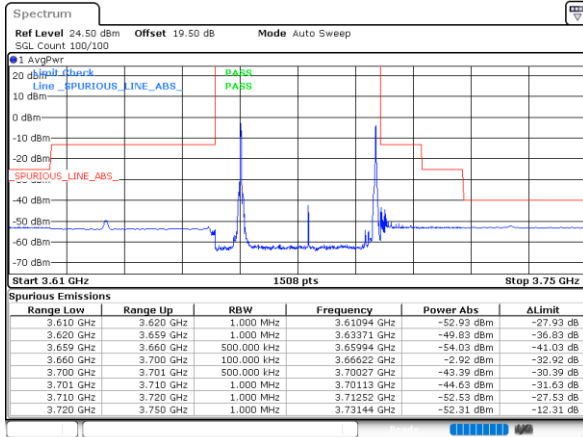




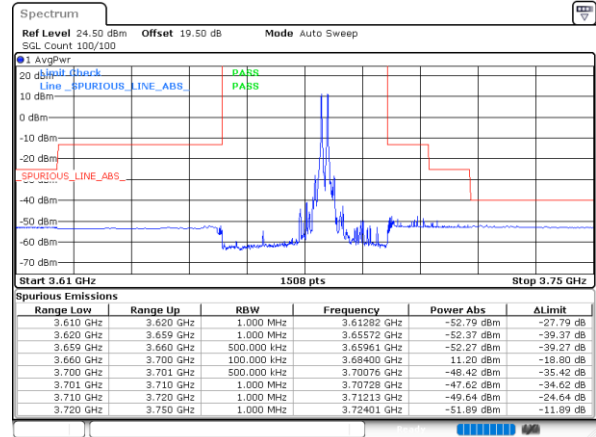
## LTE Band 48C / 20MHz+15MHz

## 64QAM

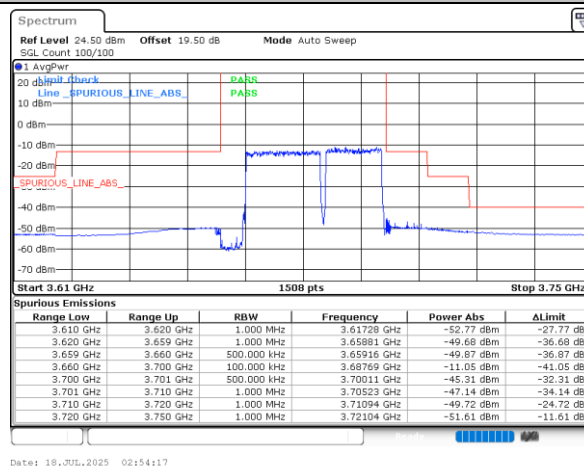
## Highest Band Edge / 1RB0 and 1RB74



## Highest Band Edge / 1RB99 and 1RB0



## Highest Band Edge / Full RB

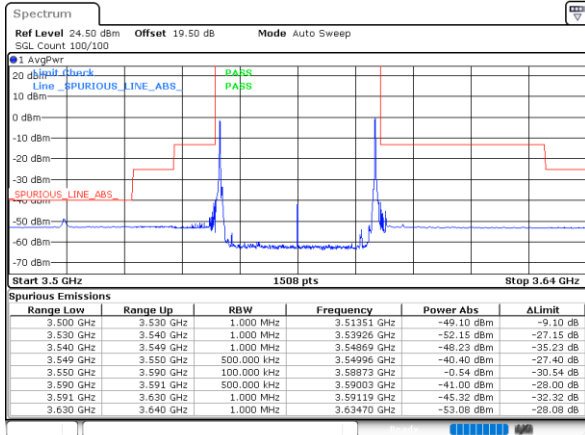




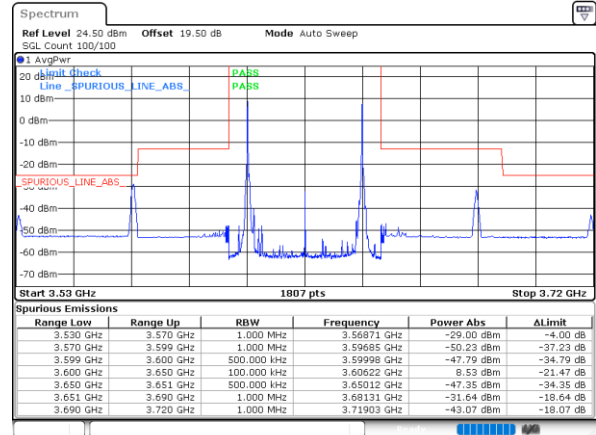
## LTE Band 48C / 20MHz+20MHz

## 64QAM

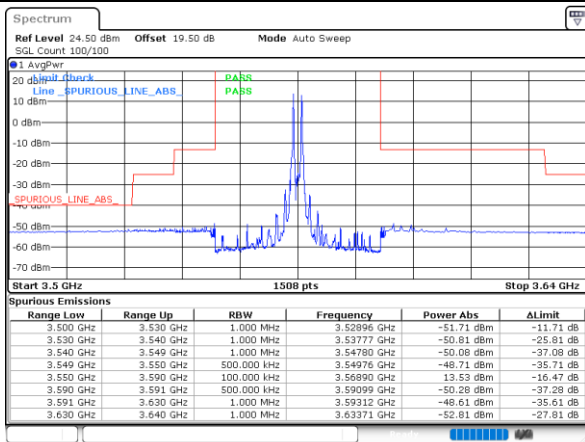
## Lowest Band Edge / 1RB0 and 1RB99



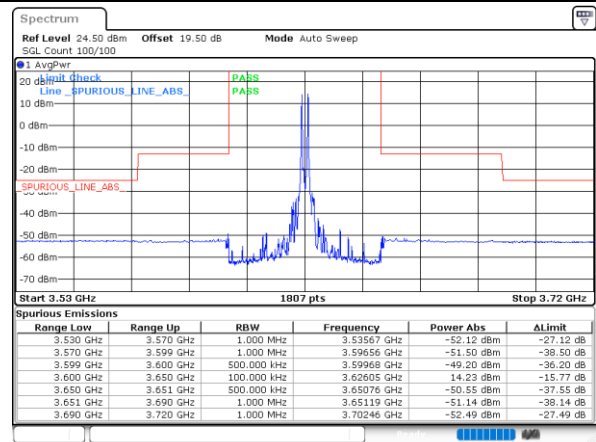
## Middle Band Edge / 1RB0 and 1RB99



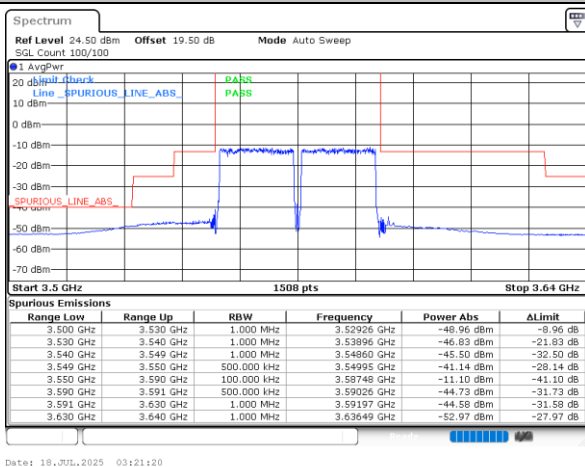
## Lowest Band Edge / 1RB99 and 1RB0



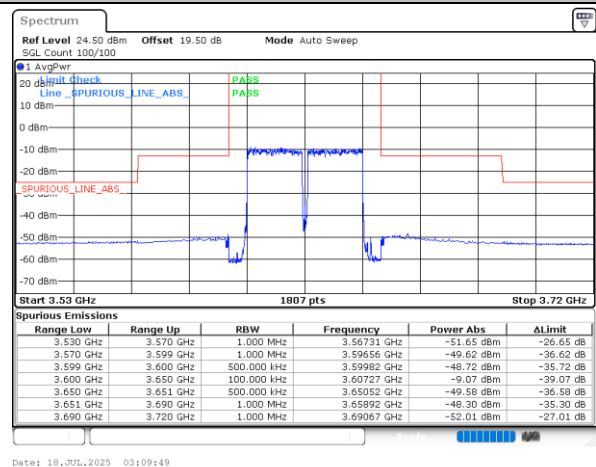
## Middle Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Middle Band Edge / Full RB

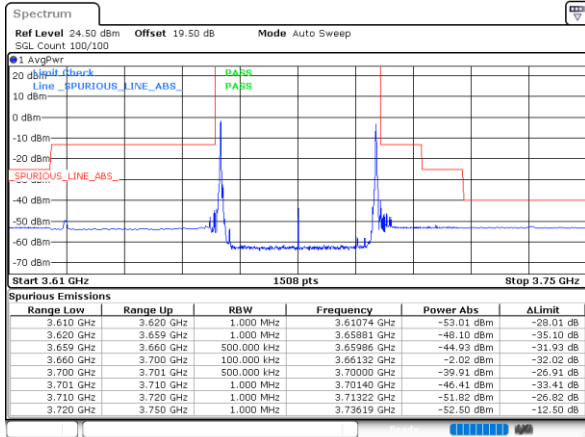




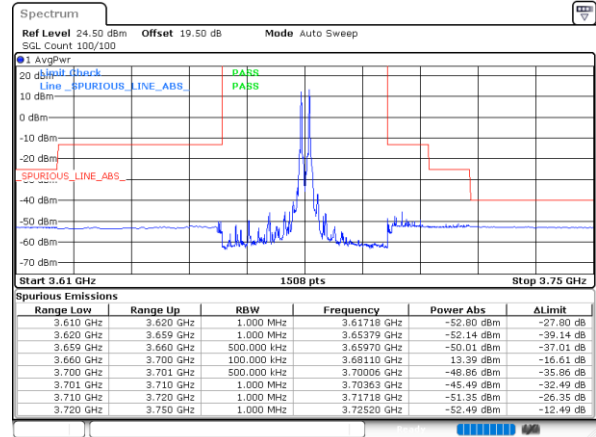
## LTE Band 48C / 20MHz+20MHz

## 64QAM

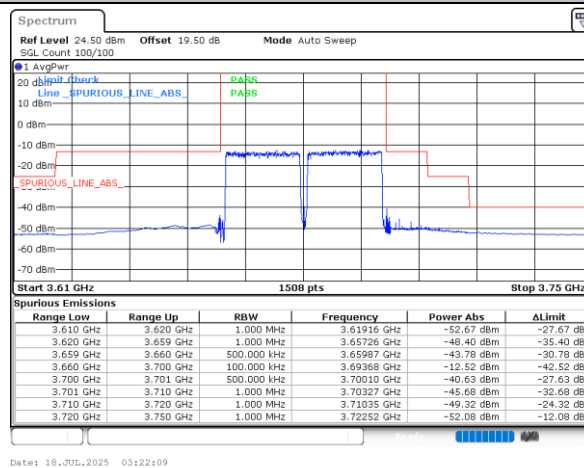
## Highest Band Edge / 1RB0 and 1RB99



## Highest Band Edge / 1RB99 and 1RB0



## Highest Band Edge / Full RB



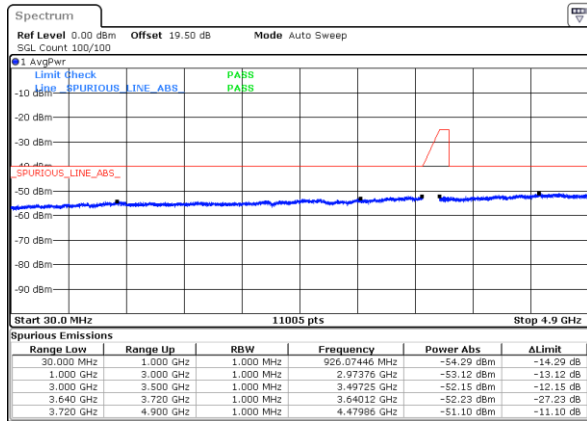


# Conducted Spurious Emission

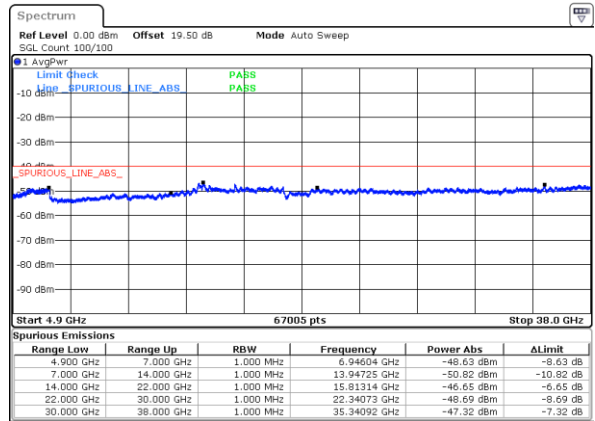
LTE Band 48C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

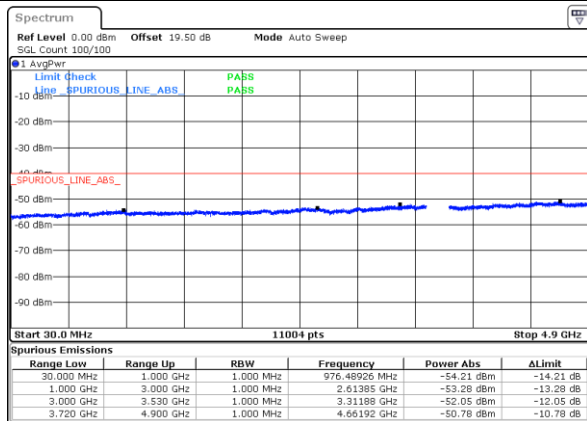


Date: 21.JUL.2025 00:15:40

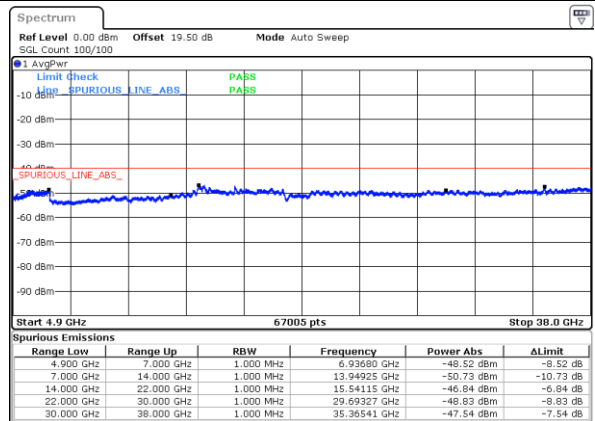


Date: 21.JUL.2025 00:17:01

Middle Channel / 1RB24 and 1RB0

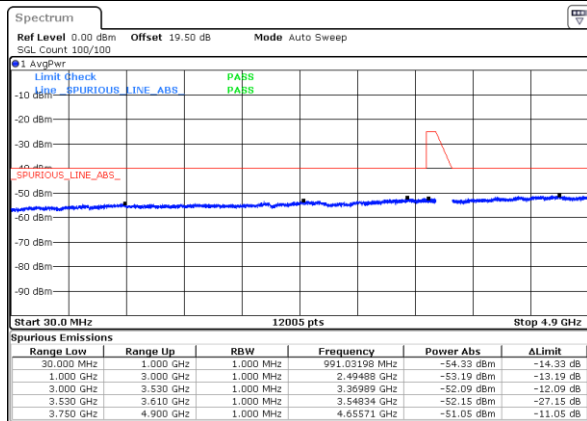


Date: 21.JUL.2025 00:20:03

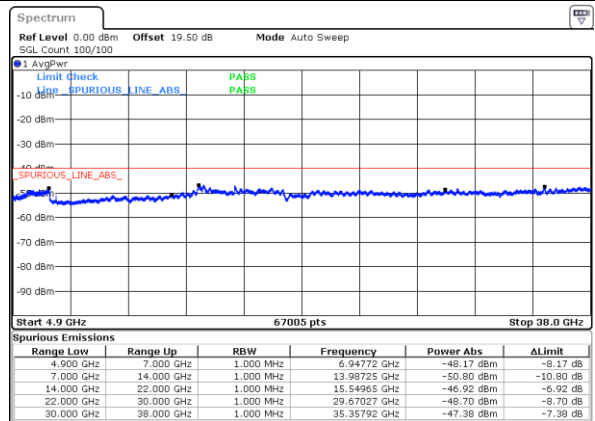


Date: 21.JUL.2025 01:33:20

Highest Channel / 1RB24 and 1RB0



Date: 21.JUL.2025 00:21:43



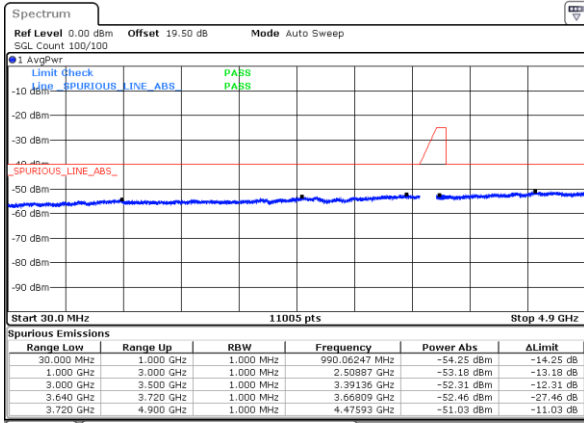
Date: 21.JUL.2025 00:23:04



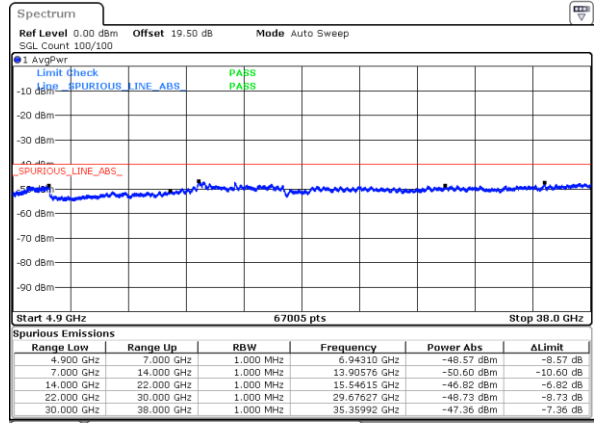
## LTE Band 48C / 10MHz+20MHz

## QPSK

## Lowest Channel / 1RB49 and 1RB0

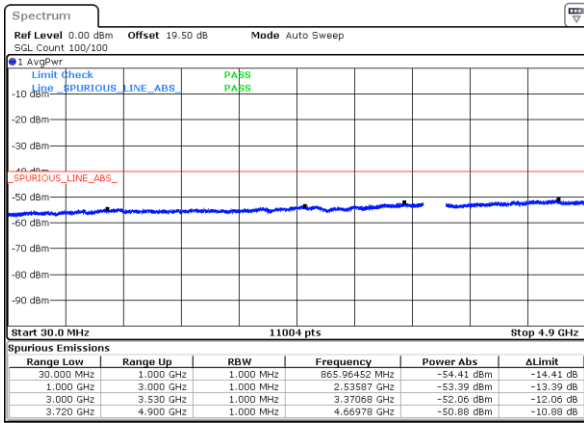


Date: 21.JUL.2025 00:24:41

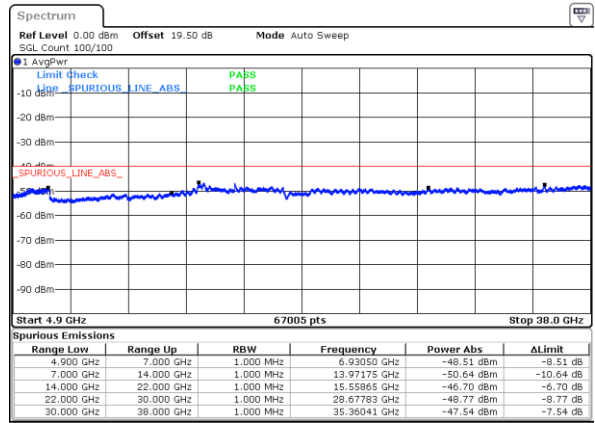


Date: 21.JUL.2025 00:26:02

## Middle Channel / 1RB49 and 1RB0

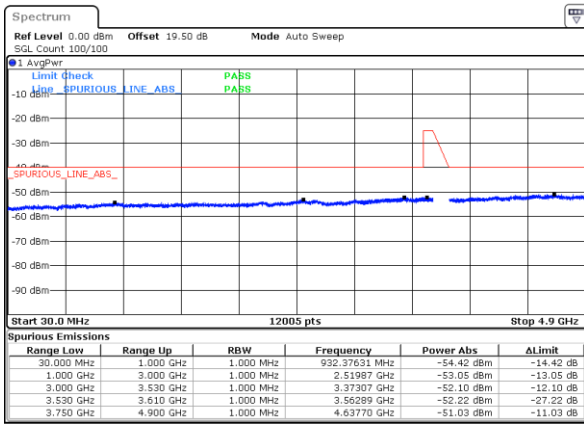


Date: 21.JUL.2025 00:28:58

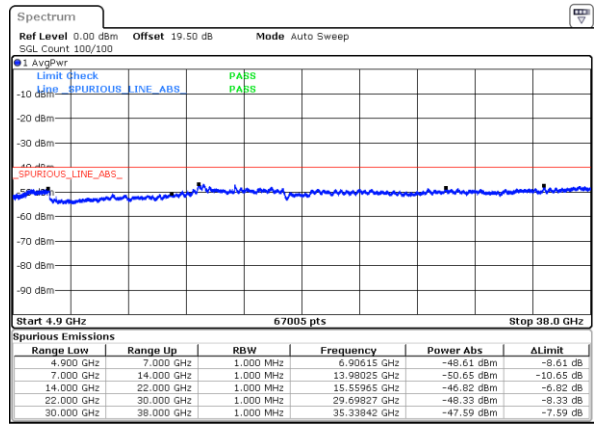


Date: 21.JUL.2025 00:31:19

## Highest Channel / 1RB49 and 1RB0



Date: 21.JUL.2025 00:30:32



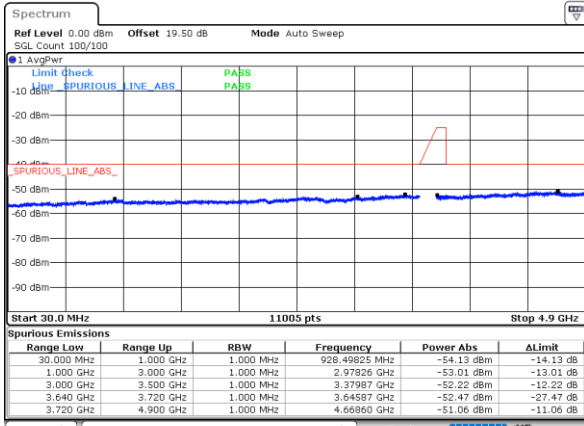
Date: 21.JUL.2025 00:31:53



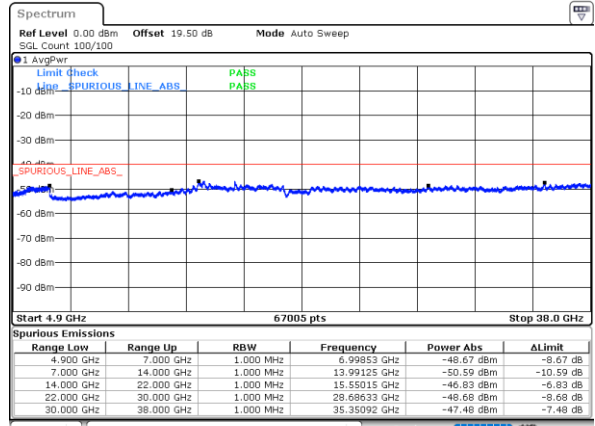
## LTE Band 48C / 15MHz+20MHz

## QPSK

## Lowest Channel / 1RB74 and 1RB0

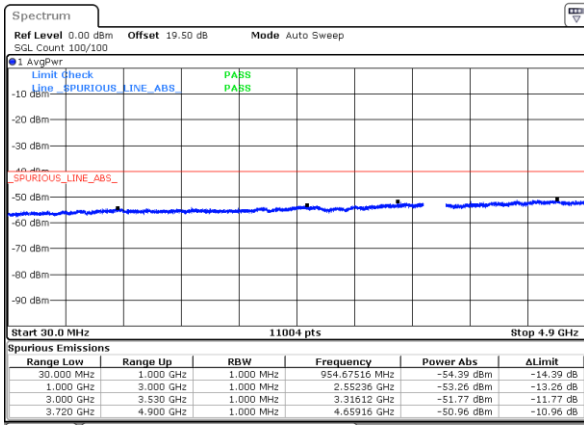


Date: 21.JUL.2025 00:33:30

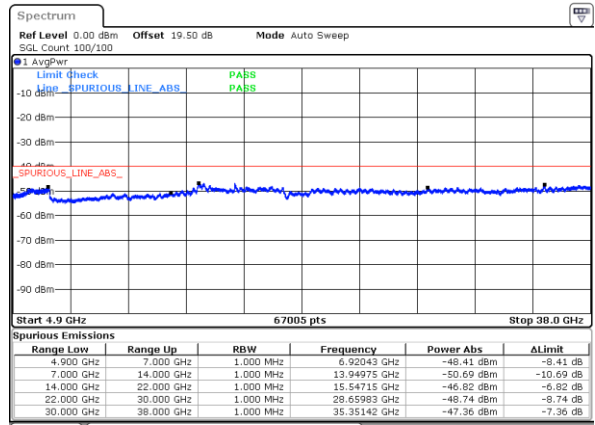


Date: 21.JUL.2025 00:34:51

## Middle Channel / 1RB74 and 1RB0

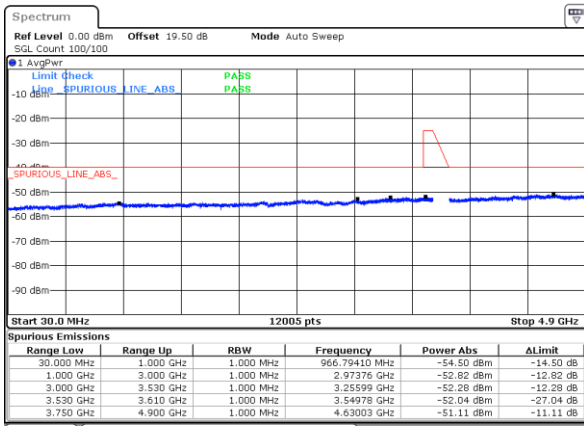


Date: 21.JUL.2025 00:37:47

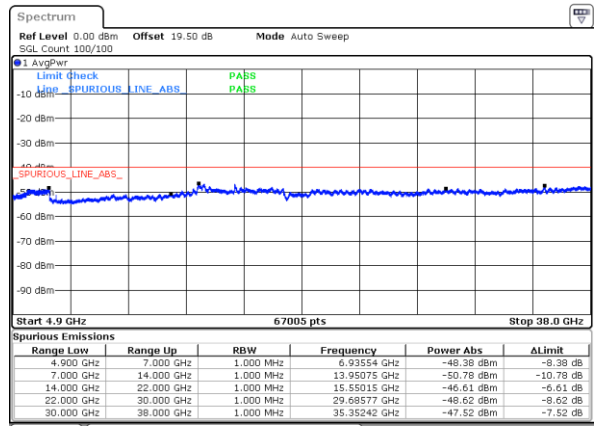


Date: 21.JUL.2025 01:29:34

## Highest Channel / 1RB74 and 1RB0



Date: 21.JUL.2025 00:39:21



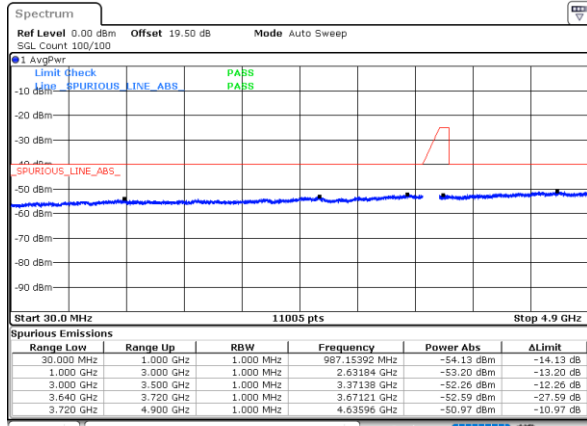
Date: 21.JUL.2025 00:40:42



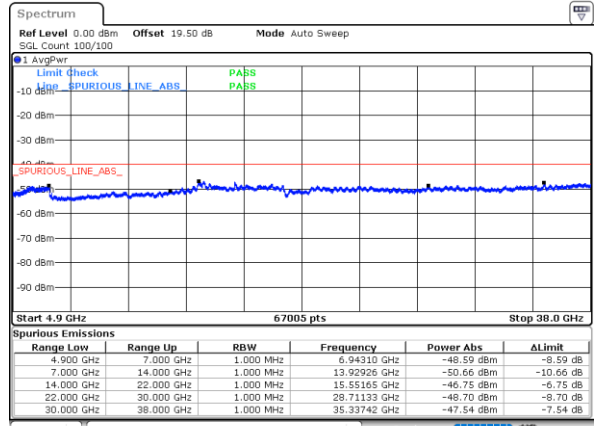
## LTE Band 48C / 20MHz+5MHz

## QPSK

## Lowest Channel / 1RB99 and 1RB0

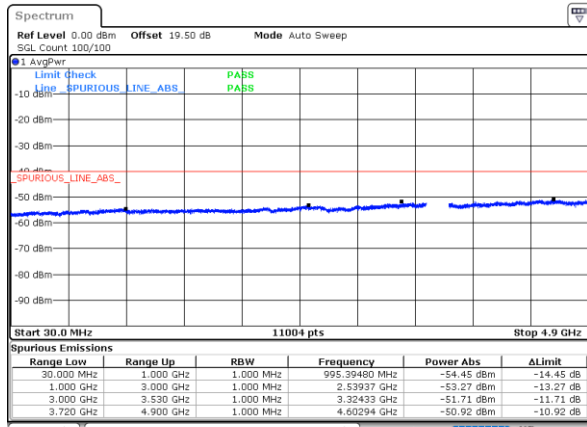


Date: 21.JUL.2025 00:50:51

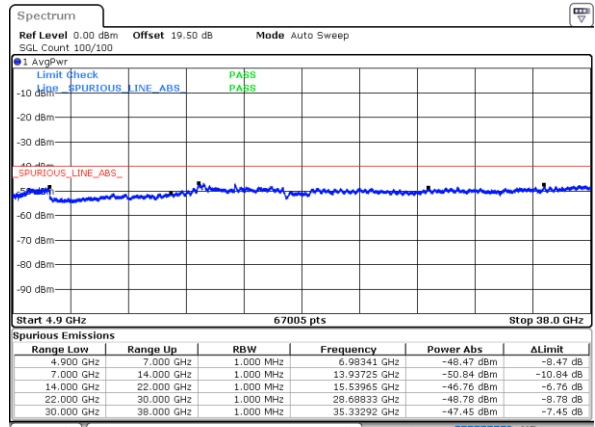


Date: 21.JUL.2025 00:52:12

## Middle Channel / 1RB99 and 1RB0

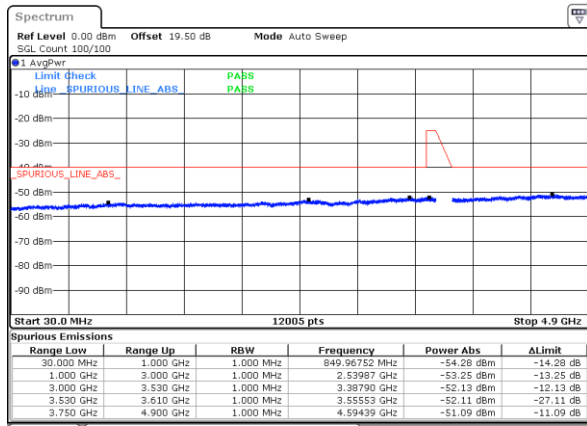


Date: 21.JUL.2025 00:55:14

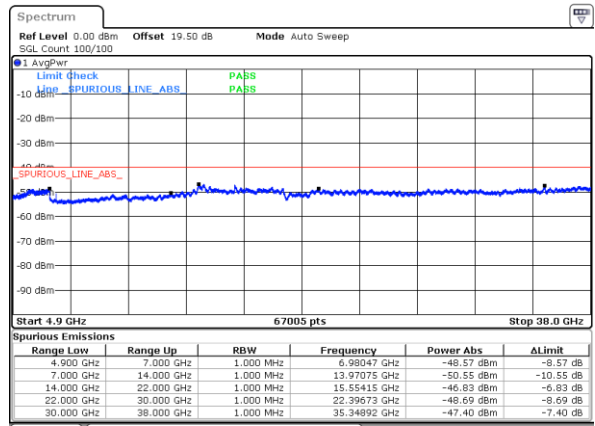


Date: 21.JUL.2025 01:27:39

## Highest Channel / 1RB99 and 1RB0



Date: 21.JUL.2025 00:56:54



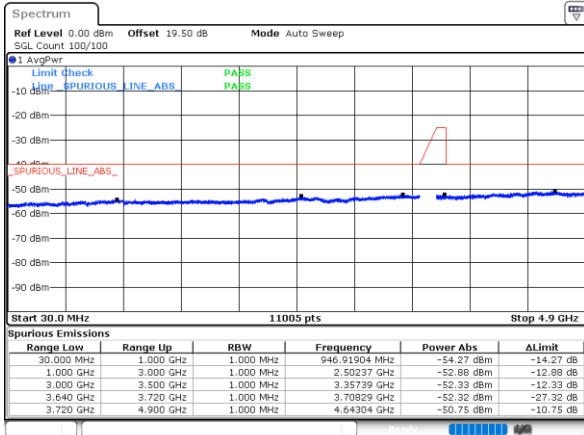
Date: 21.JUL.2025 00:58:15



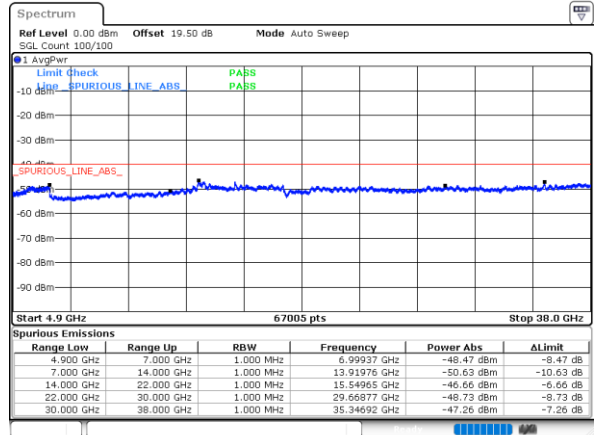
## LTE Band 48C / 20MHz+10MHz

## QPSK

## Lowest Channel / 1RB99 and 1RB0

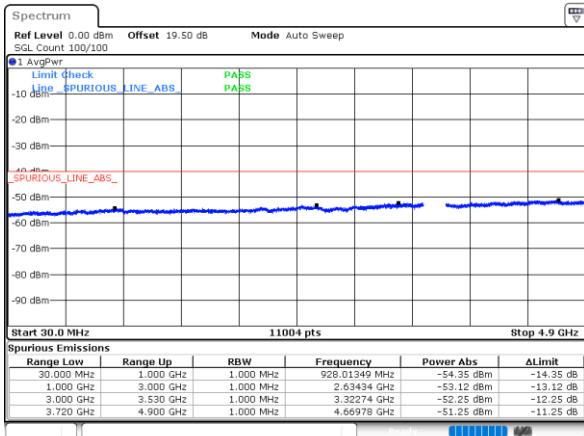


Date: 21.JUL.2025 01:01:12

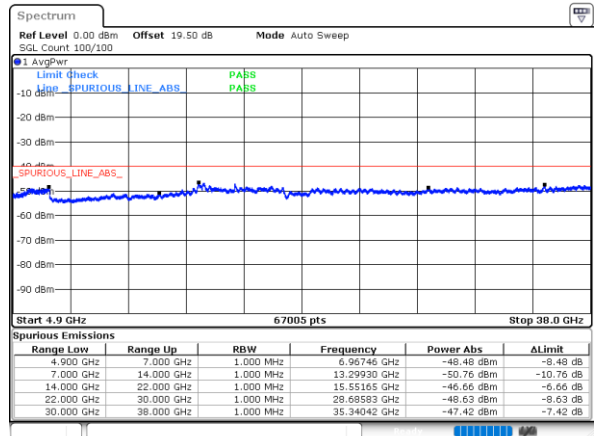


Date: 21.JUL.2025 00:59:50

## Middle Channel / 1RB99 and 1RB0

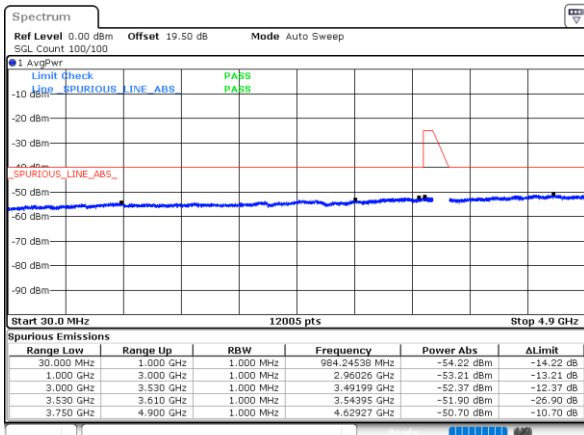


Date: 21.JUL.2025 01:02:52

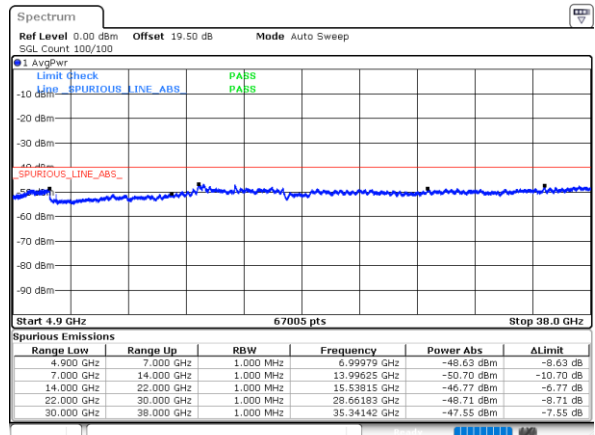


Date: 21.JUL.2025 01:05:41

## Highest Channel / 1RB99 and 1RB0



Date: 21.JUL.2025 01:07:15



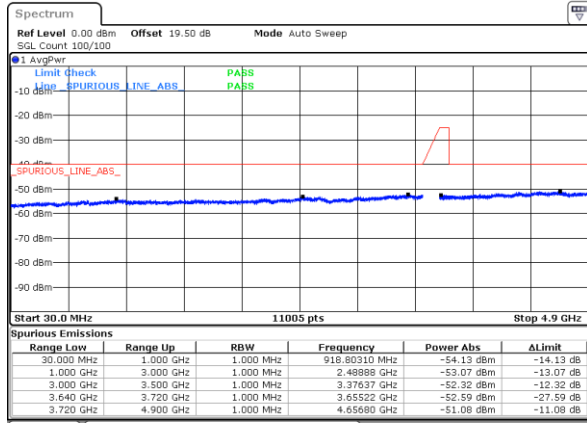
Date: 21.JUL.2025 01:05:54



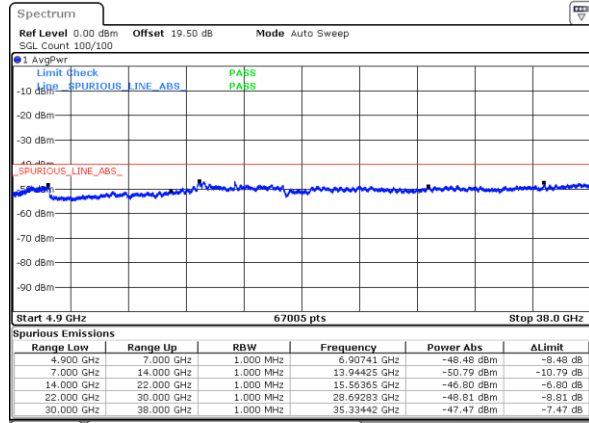
## LTE Band 48C / 20MHz+15MHz

## QPSK

## Lowest Channel / 1RB99 and 1RB0

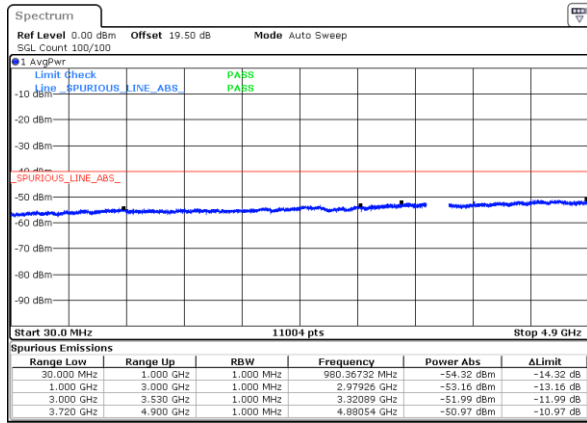


Date: 21.JUL.2025 01:08:50

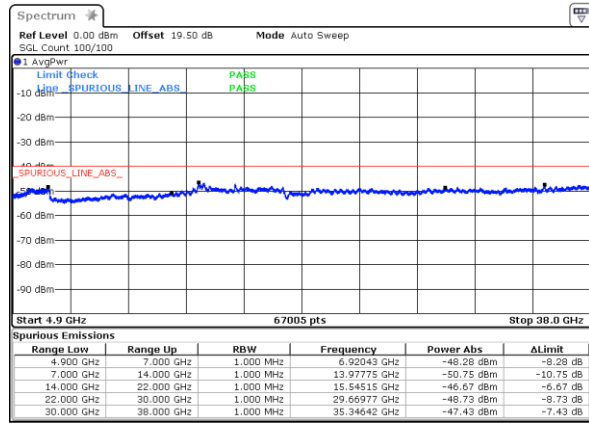


Date: 21.JUL.2025 01:10:11

## Middle Channel / 1RB99 and 1RB0

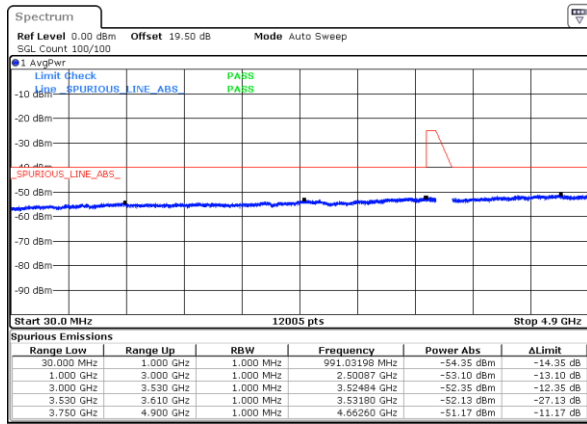


Date: 21.JUL.2025 01:13:13

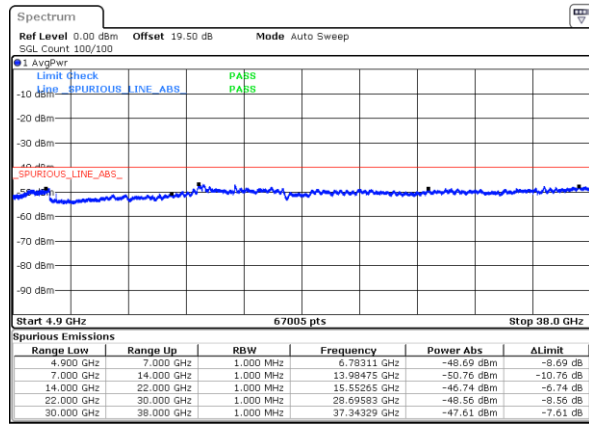


Date: 21.JUL.2025 01:12:10

## Highest Channel / 1RB99 and 1RB0



Date: 21.JUL.2025 01:14:53



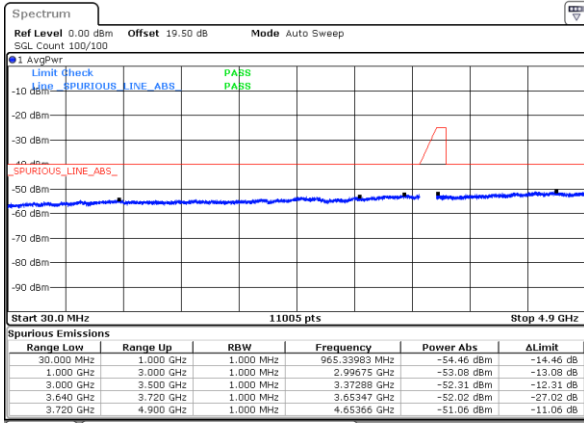
Date: 21.JUL.2025 01:16:14



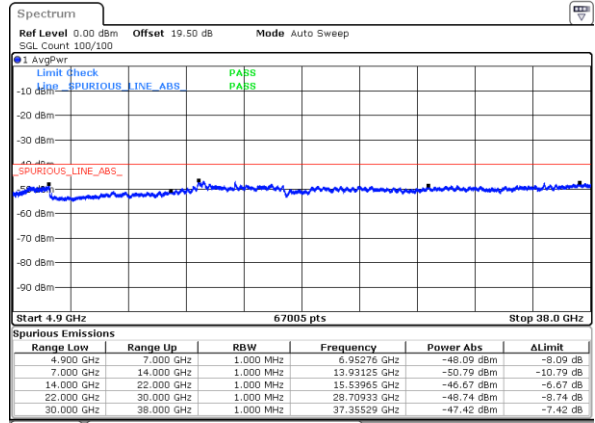
## LTE Band 48C / 20MHz+20MHz

## QPSK

## Lowest Channel / 1RB99 and 1RB0

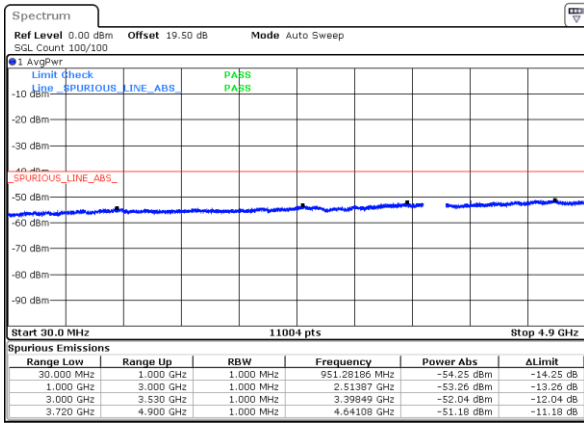


Date: 21.JUL.2025 00:43:16

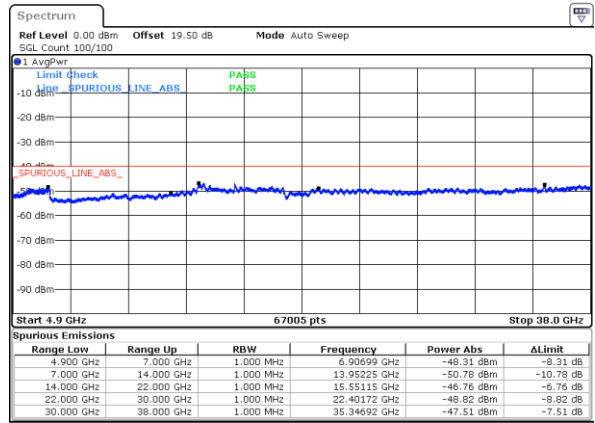


Date: 21.JUL.2025 00:42:17

## Middle Channel / 1RB99 and 1RB0

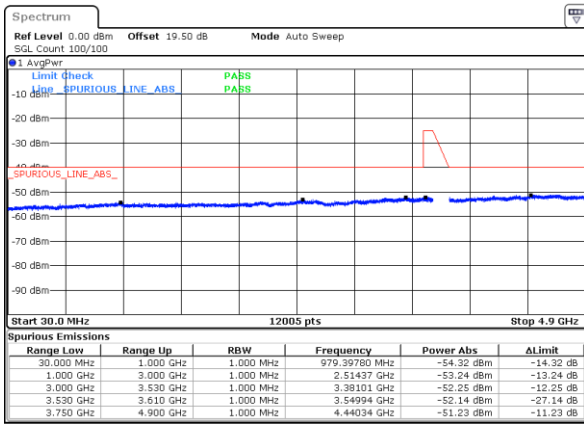


Date: 21.JUL.2025 00:45:08

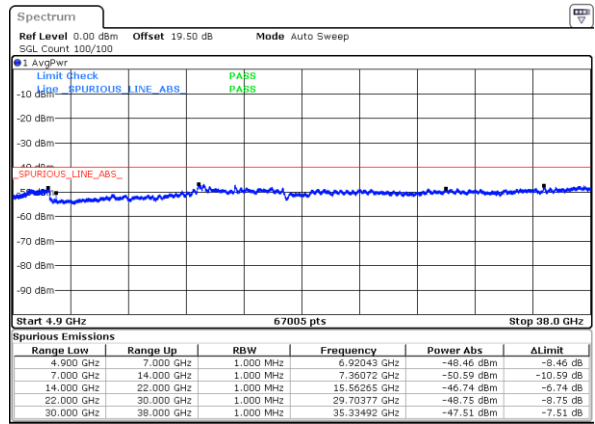


Date: 21.JUL.2025 01:23:43

## Highest Channel / 1RB99 and 1RB0



Date: 21.JUL.2025 00:49:19



Date: 21.JUL.2025 00:48:00

## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                        |            |                            |         |
|------------------------|------------|----------------------------|---------|
| <b>Test Engineer :</b> | Wenbo Xiao | <b>Temperature :</b>       | 22~25°C |
|                        |            | <b>Relative Humidity :</b> | 48~52%  |

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

| LTE Band 48 / 20MHz / QPSK / Ant.13 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                             | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                              | 7102.00              | -59.48          | -40              | -19.48                  | -64.83                  | -62.81                   | 8.25                       | 11.58                       | H                     |
|                                     | 10653.00             | -57.17          | -40              | -17.17                  | -69.50                  | -58.72                   | 10.45                      | 12.00                       | H                     |
|                                     | 14204.00             | -51.60          | -40              | -11.60                  | -68.58                  | -53.31                   | 11.74                      | 13.45                       | H                     |
|                                     | 7102.00              | -59.08          | -40              | -19.08                  | -64.84                  | -62.41                   | 8.25                       | 11.58                       | V                     |
|                                     | 10653.00             | -57.34          | -40              | -17.34                  | -69.21                  | -58.89                   | 10.45                      | 12.00                       | V                     |
|                                     | 14204.00             | -51.98          | -40              | -11.98                  | -68.51                  | -53.69                   | 11.74                      | 13.45                       | V                     |
| Middle                              | 7232.00              | -59.71          | -40              | -19.71                  | -65.41                  | -63.01                   | 8.30                       | 11.60                       | H                     |
|                                     | 10848.00             | -56.06          | -40              | -16.06                  | -68.76                  | -57.58                   | 10.48                      | 12.00                       | H                     |
|                                     | 14469.50             | -49.24          | -40              | -9.24                   | -67.98                  | -50.94                   | 11.80                      | 13.50                       | H                     |
|                                     | 7232.00              | -59.32          | -40              | -19.32                  | -65.33                  | -62.62                   | 8.30                       | 11.60                       | V                     |
|                                     | 10848.00             | -55.84          | -40              | -15.84                  | -68.17                  | -57.36                   | 10.48                      | 12.00                       | V                     |
|                                     | 14464.00             | -50.16          | -40              | -10.16                  | -68.32                  | -51.86                   | 11.80                      | 13.50                       | V                     |
| Highest                             | 7362.00              | -60.02          | -40              | -20.02                  | -65.93                  | -63.32                   | 8.32                       | 11.62                       | H                     |
|                                     | 11043.00             | -54.90          | -40              | -14.90                  | -68.05                  | -56.58                   | 10.52                      | 12.20                       | H                     |
|                                     | 14724.00             | -50.55          | -40              | -10.55                  | -68.71                  | -52.25                   | 11.85                      | 13.55                       | H                     |
|                                     | 7362.00              | -60.00          | -40              | -20.00                  | -66                     | -63.30                   | 8.32                       | 11.62                       | V                     |
|                                     | 11043.00             | -55.55          | -40              | -15.55                  | -68.41                  | -57.23                   | 10.52                      | 12.20                       | V                     |
|                                     | 14724.00             | -51.51          | -40              | -11.51                  | -69.11                  | -53.21                   | 11.85                      | 13.55                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE CA_48C / 20MHz+20MHz / QPSK / Ant.13 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                  | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                   | 7139.80              | -59.47          | -40              | -19.47                  | -64.92                  | -62.80                   | 8.25                       | 11.58                       | H                     |
|                                          | 10709.70             | -56.73          | -40              | -16.73                  | -69.16                  | -58.28                   | 10.45                      | 12.00                       | H                     |
|                                          | 14279.60             | -50.87          | -40              | -10.87                  | -68.31                  | -52.58                   | 11.74                      | 13.45                       | H                     |
|                                          | 7139.80              | -59.14          | -40              | -19.14                  | -64.99                  | -62.47                   | 8.25                       | 11.58                       | V                     |
|                                          | 10709.70             | -57.37          | -40              | -17.37                  | -69.37                  | -58.92                   | 10.45                      | 12.00                       | V                     |
|                                          | 14279.60             | -51.49          | -40              | -11.49                  | -68.45                  | -53.20                   | 11.74                      | 13.45                       | V                     |
| Middle                                   | 7250.00              | -59.55          | -40              | -19.55                  | -65.28                  | -62.85                   | 8.30                       | 11.60                       | H                     |
|                                          | 10875.00             | -55.42          | -40              | -15.42                  | -68.18                  | -56.94                   | 10.48                      | 12.00                       | H                     |
|                                          | 14500.00             | -49.40          | -40              | -9.40                   | -68.37                  | -51.10                   | 11.80                      | 13.50                       | H                     |
|                                          | 7250.00              | -59.28          | -40              | -19.28                  | -65.29                  | -62.58                   | 8.30                       | 11.60                       | V                     |
|                                          | 10875.00             | -55.86          | -40              | -15.86                  | -68.27                  | -57.38                   | 10.48                      | 12.00                       | V                     |
|                                          | 14500.00             | -49.72          | -40              | -9.72                   | -68.09                  | -51.42                   | 11.80                      | 13.50                       | V                     |
| Highest                                  | 7360.20              | -59.74          | -40              | -19.74                  | -65.65                  | -63.04                   | 8.32                       | 11.62                       | H                     |
|                                          | 11040.30             | -54.83          | -40              | -14.83                  | -67.98                  | -56.51                   | 10.52                      | 12.20                       | H                     |
|                                          | 14720.40             | -50.91          | -40              | -10.91                  | -69.07                  | -52.61                   | 11.85                      | 13.55                       | H                     |
|                                          | 7360.20              | -59.72          | -40              | -19.72                  | -65.72                  | -63.02                   | 8.32                       | 11.62                       | V                     |
|                                          | 11040.30             | -54.75          | -40              | -14.75                  | -67.61                  | -56.43                   | 10.52                      | 12.20                       | V                     |
|                                          | 14720.40             | -51.35          | -40              | -11.35                  | -68.95                  | -53.05                   | 11.85                      | 13.55                       | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.