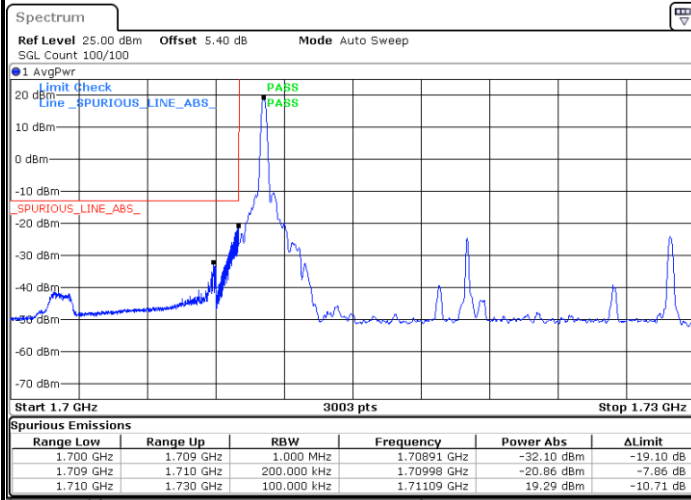


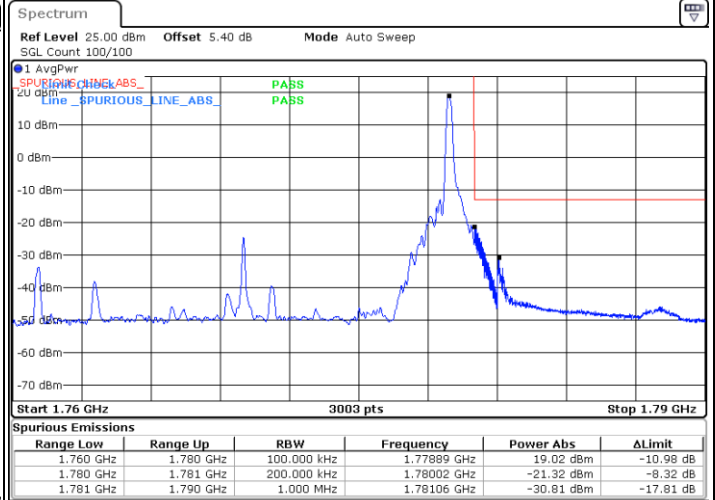


## LTE Band 66 / 20MHz / QPSK

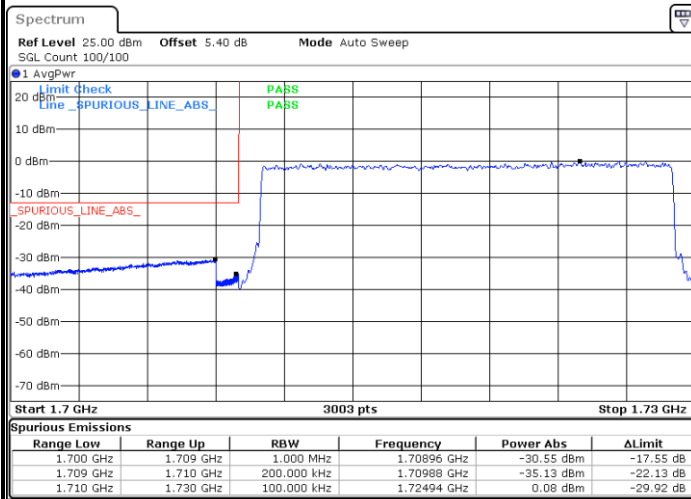
## Lowest Band Edge / 1 RB



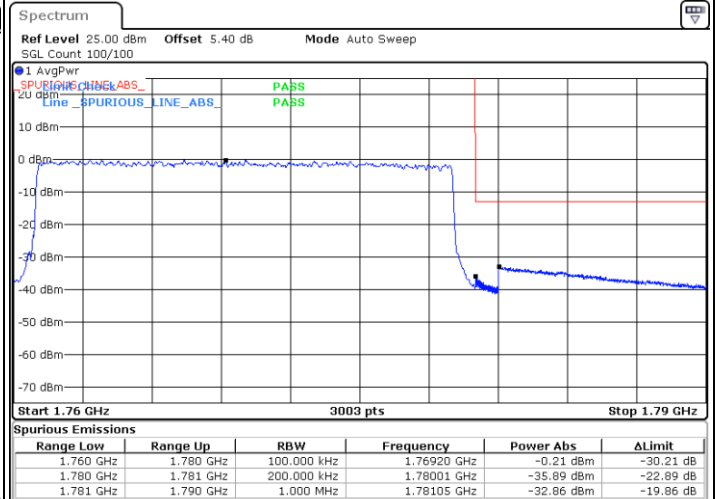
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



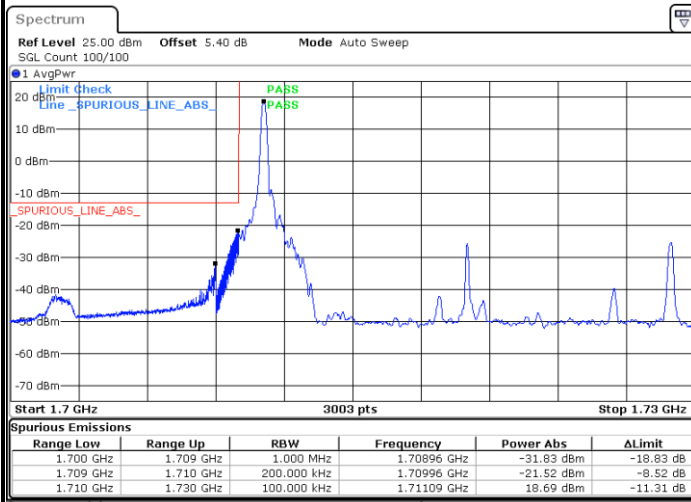
## Highest Band Edge / Full RB



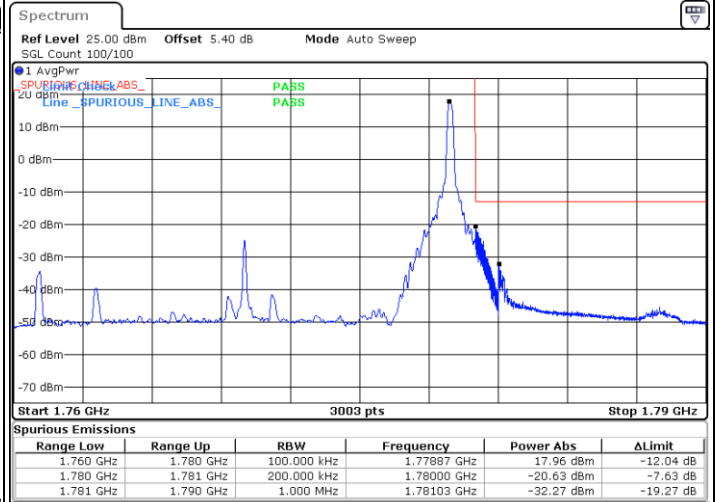


## LTE Band 66 / 20MHz / 16QAM

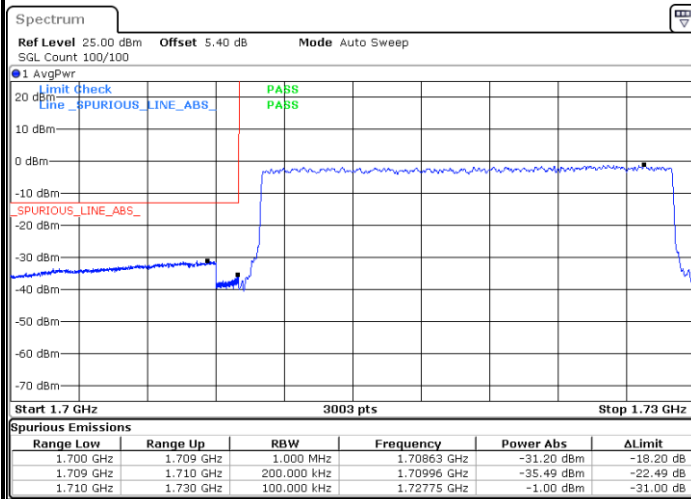
## Lowest Band Edge / 1 RB



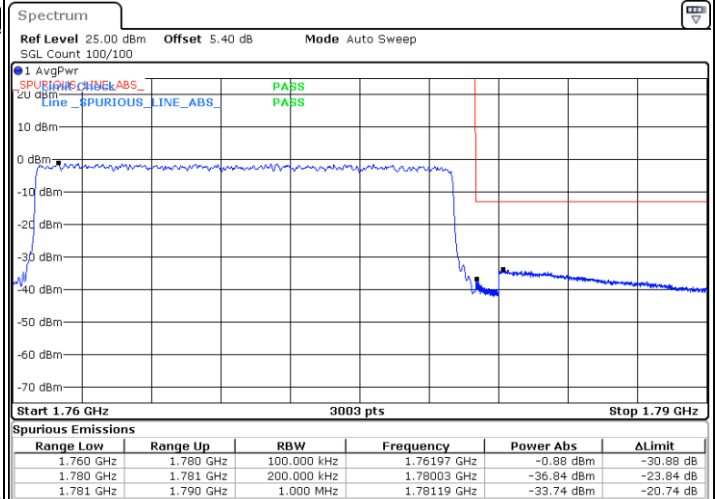
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



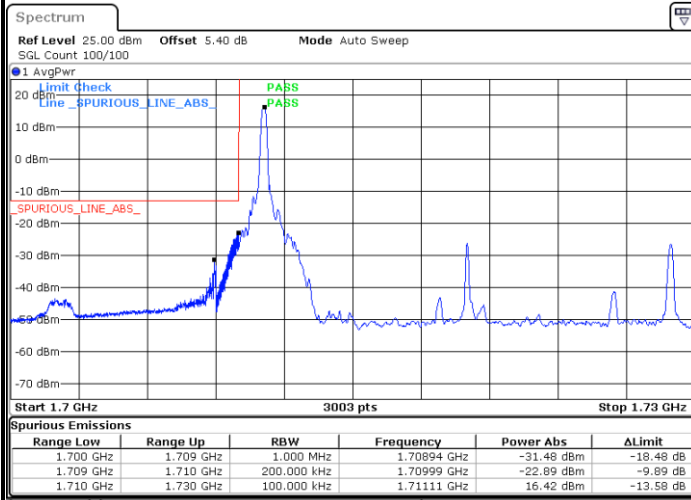
## Highest Band Edge / Full RB



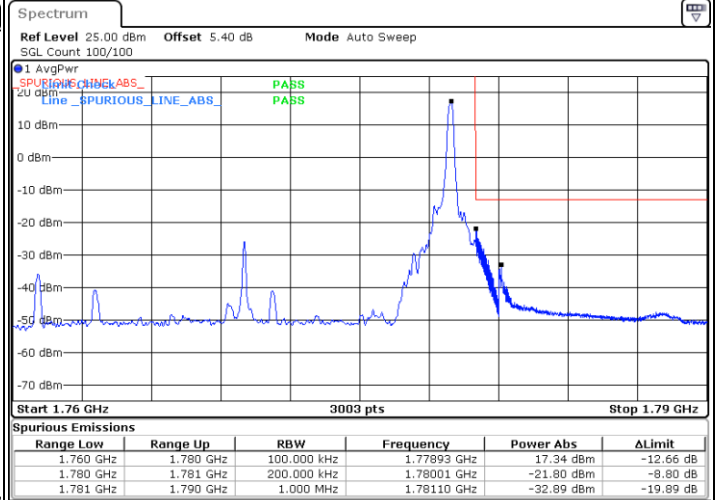


## LTE Band 66 / 20MHz / 64QAM

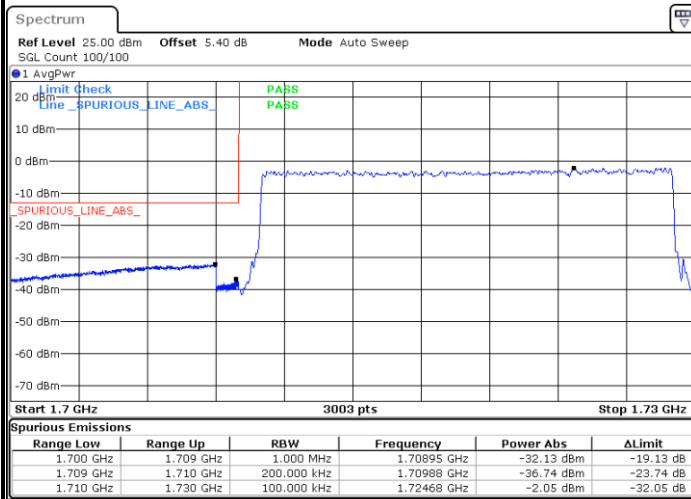
## Lowest Band Edge / 1 RB



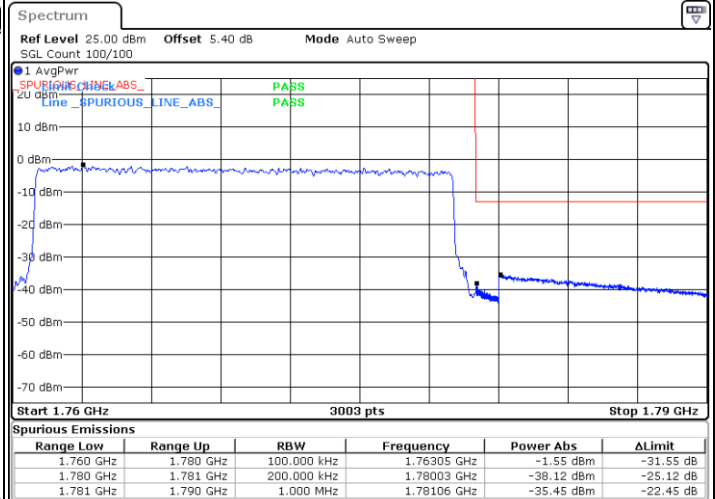
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

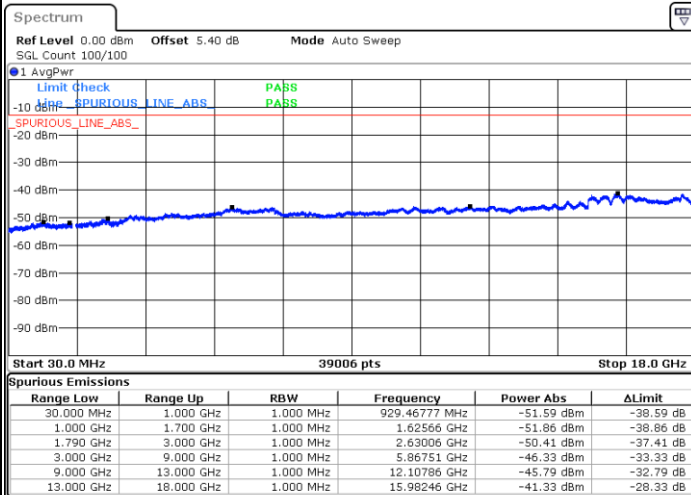




# Conducted Spurious Emission

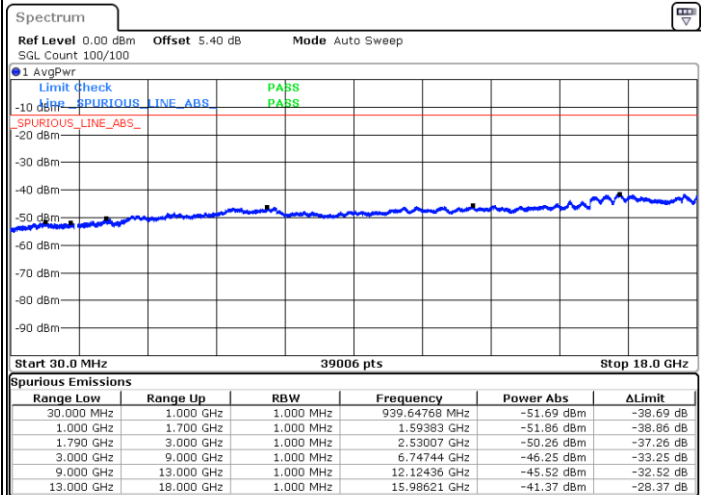
## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK



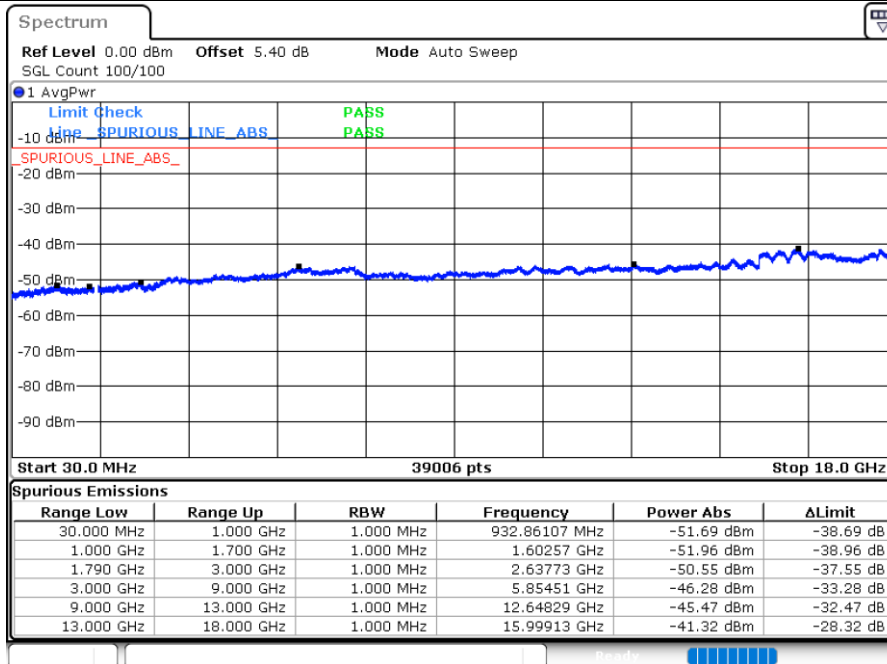
Date: 30.MAR.2025 05:01:12

### Middle Channel / QPSK



Date: 30.MAR.2025 05:12:36

### Highest Channel / QPSK

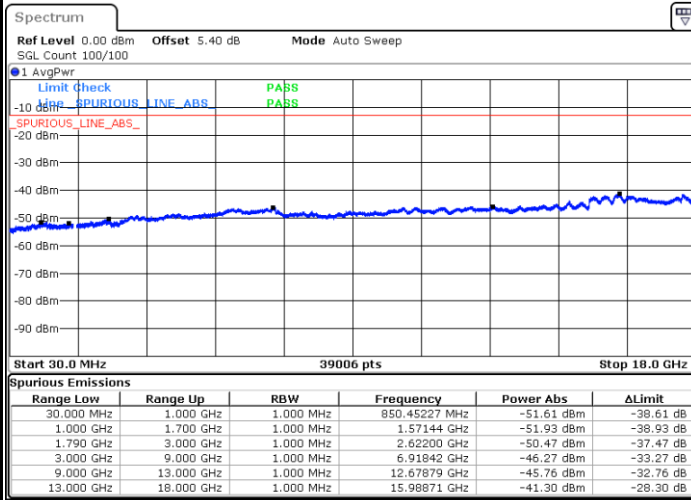


Date: 30.MAR.2025 05:13:56



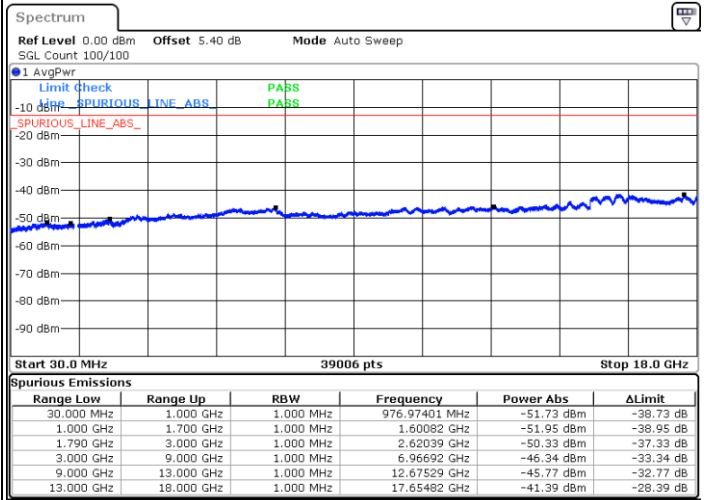
## LTE Band 66 / 3MHz

## Lowest Channel / QPSK



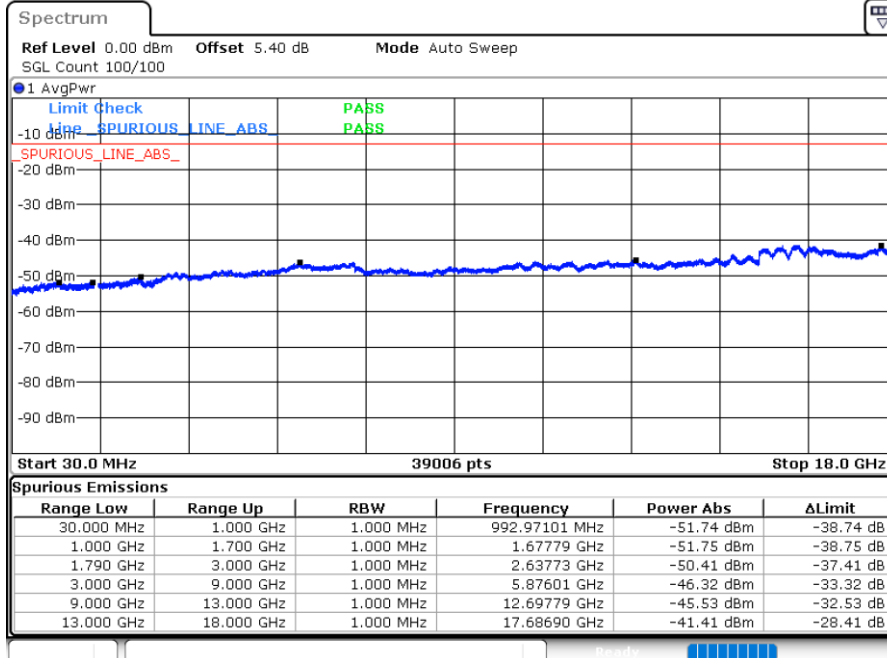
Date: 30.MAR.2025 05:25:19

## Middle Channel / QPSK



Date: 30.MAR.2025 05:36:00

## Highest Channel / QPSK

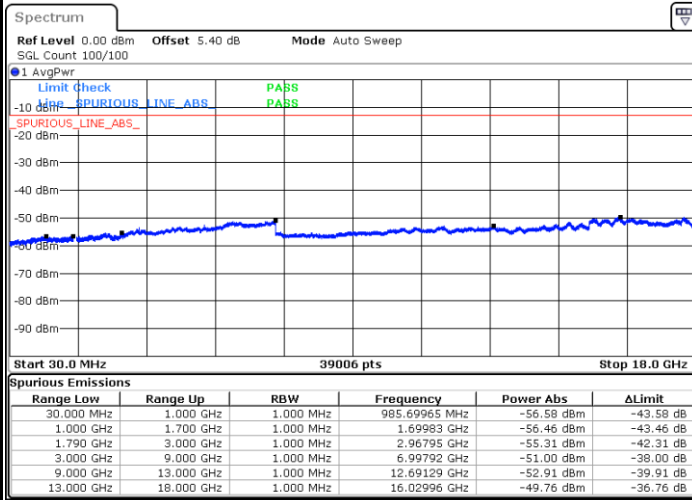


Date: 30.MAR.2025 05:37:21



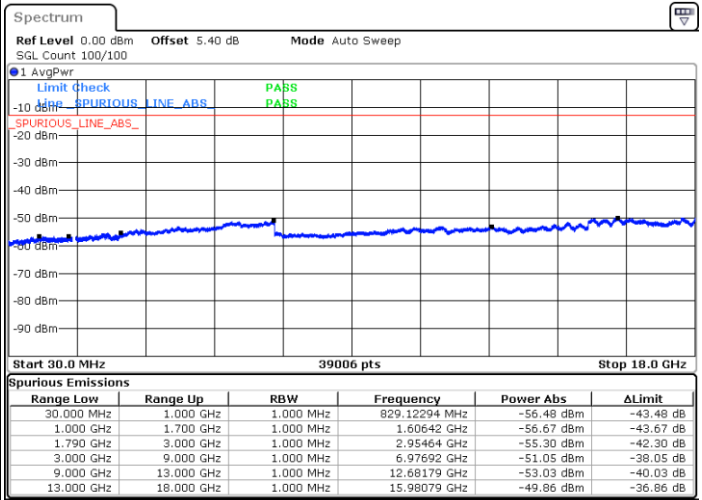
## LTE Band 66 / 5MHz

## Lowest Channel / QPSK



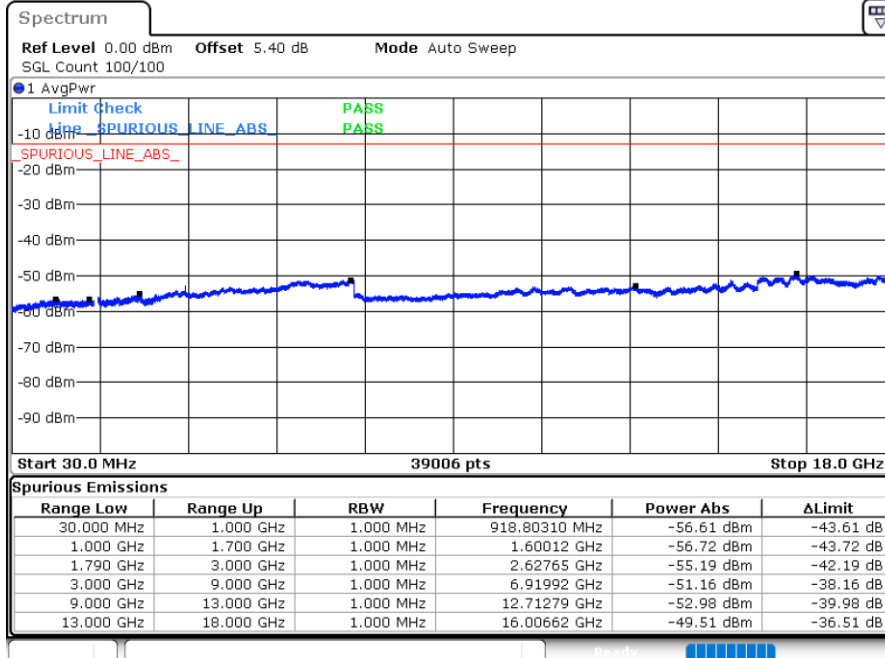
Date: 30.MAR.2025 05:47:16

## Middle Channel / QPSK



Date: 30.MAR.2025 05:57:12

## Highest Channel / QPSK

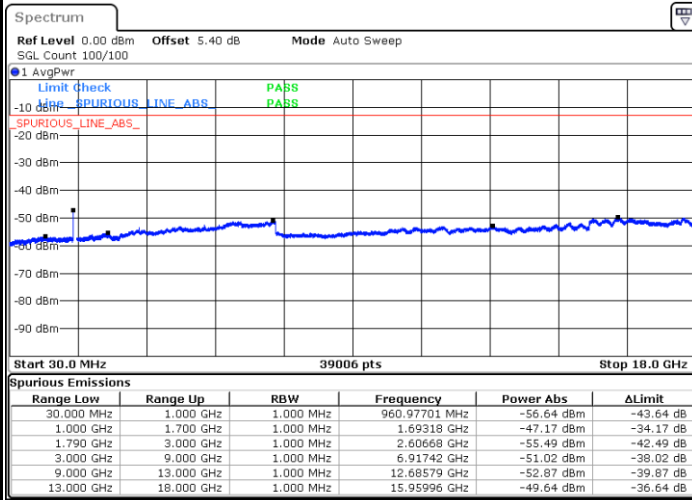


Date: 30.MAR.2025 05:58:33



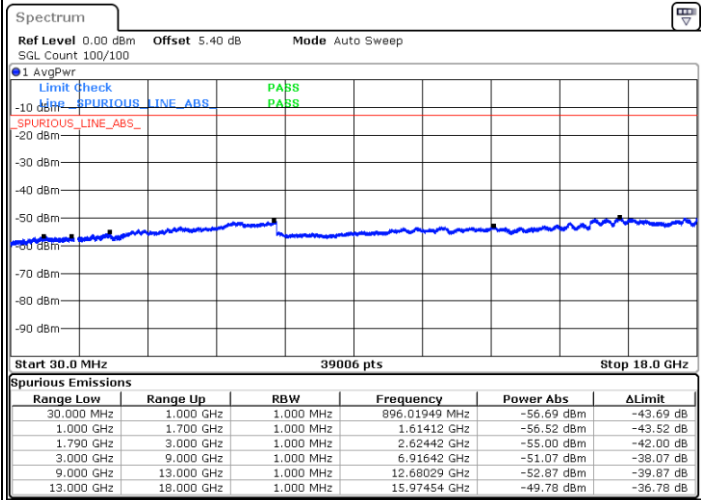
## LTE Band 66 / 10MHz

## Lowest Channel / QPSK



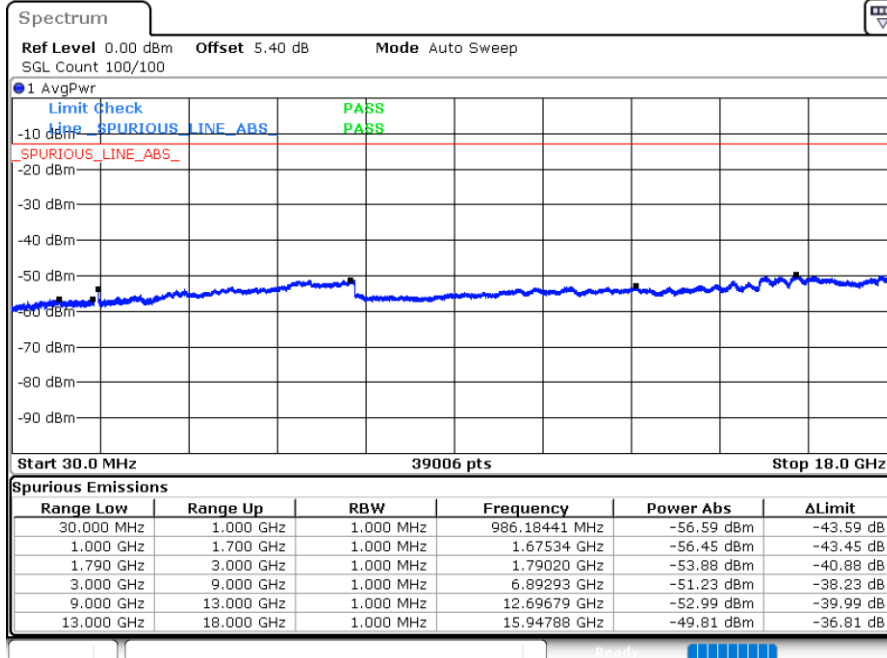
Date: 30.MAR.2025 06:08:28

## Middle Channel / QPSK



Date: 30.MAR.2025 06:18:24

## Highest Channel / QPSK

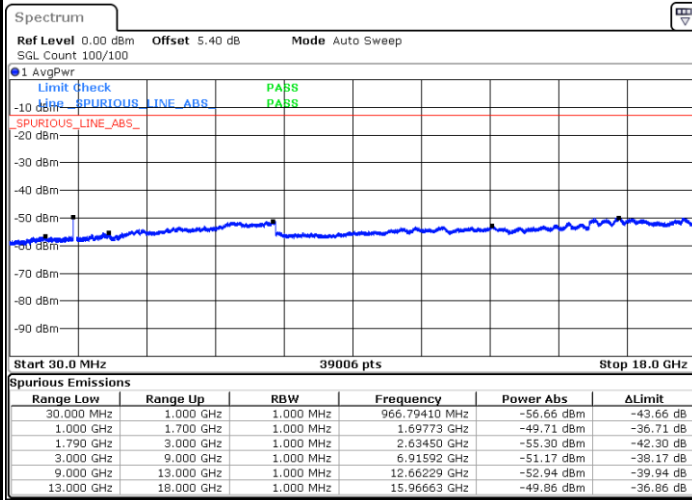


Date: 30.MAR.2025 06:19:45



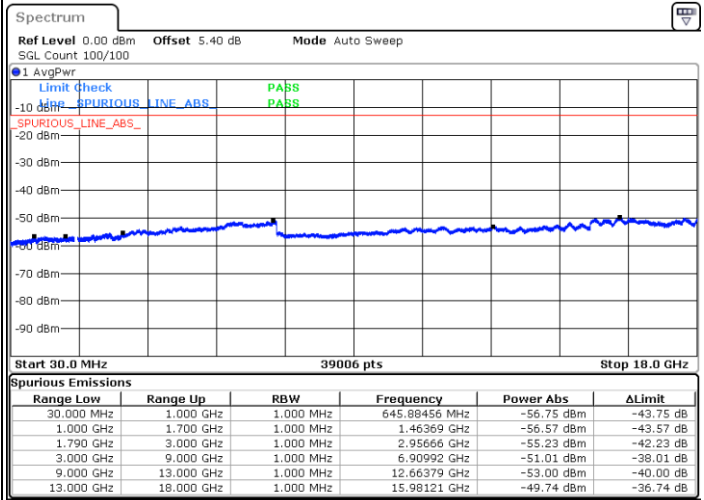
## LTE Band 66 / 15MHz

## Lowest Channel / QPSK



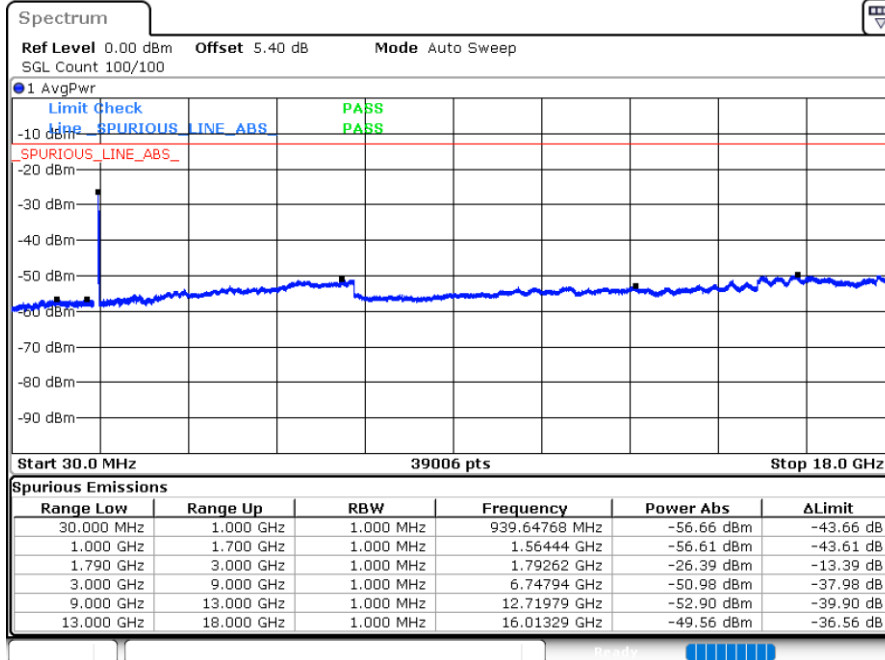
Date: 30.MAR.2025 06:29:41

## Middle Channel / QPSK



Date: 30.MAR.2025 06:39:37

## Highest Channel / QPSK



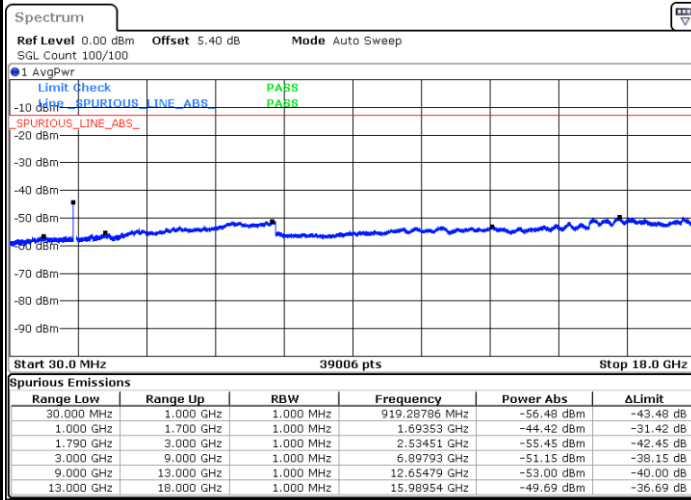
Date: 30.MAR.2025 06:40:58





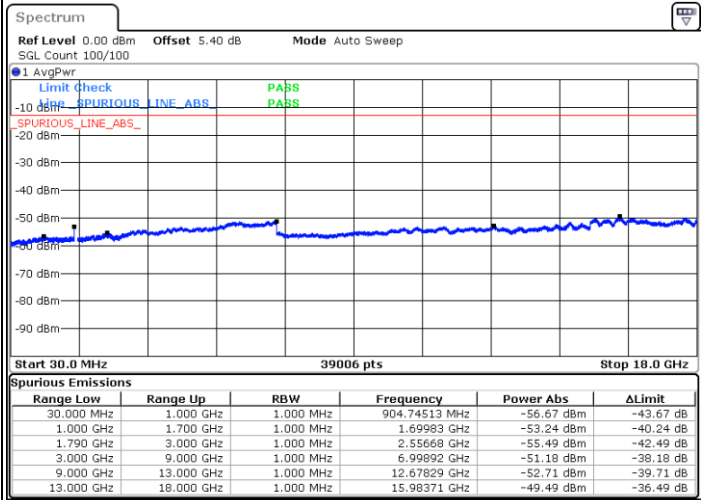
## LTE Band 66 / 20MHz

## Lowest Channel / QPSK



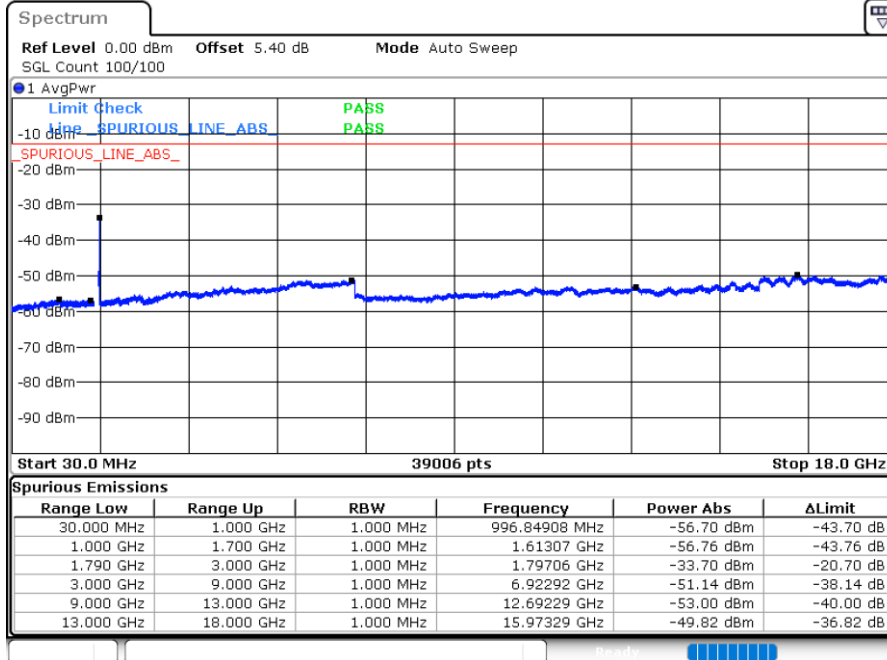
Date: 30.MAR.2025 06:50:53

## Middle Channel / QPSK



Date: 30.MAR.2025 07:00:48

## Highest Channel / QPSK



Date: 30.MAR.2025 07:02:09

## 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    | 0.0029                              | PASS    |
| 40               | Normal Voltage    | 0.0038                              |         |
| 30               | Normal Voltage    | 0.0044                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0025                              |         |
| 0                | Normal Voltage    | 0.0026                              |         |
| -10              | Normal Voltage    | 0.0021                              |         |
| -20              | Normal Voltage    | 0.0042                              |         |
| -30              | Normal Voltage    | 0.0039                              |         |
| 20               | Maximum Voltage   | 0.0044                              |         |
| 20               | Normal Voltage    | 0.0021                              |         |
| 20               | Battery End Point | 0.0018                              |         |

**Note:**

1. Normal Voltage = 3.87V ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.45V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |          |                     |         |
|-----------------|----------|---------------------|---------|
| Test Engineer : | Carry Xu | Temperature :       | 23~25°C |
|                 |          | Relative Humidity : | 41~42%  |

| LTE Band 25 / 20MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 3705              | -55.39       | -13           | -42.39            | -67.65             | 2.64                 | 14.90                 | H                  |
|                            | 5550              | -49.46       | -13           | -36.46            | -61.32             | 2.94                 | 14.80                 | H                  |
|                            | 7410              | -52.19       | -13           | -39.19            | -61.96             | 3.39                 | 13.16                 | H                  |
|                            | 3705              | -55.41       | -13           | -42.41            | -67.67             | 2.64                 | 14.90                 | V                  |
|                            | 5550              | -49.73       | -13           | -36.73            | -61.59             | 2.94                 | 14.80                 | V                  |
|                            | 7410              | -52.41       | -13           | -39.41            | -62.18             | 3.39                 | 13.16                 | V                  |
| Middle                     | 3750              | -55.05       | -13           | -42.05            | -67.31             | 2.64                 | 14.90                 | H                  |
|                            | 5625              | -50.43       | -13           | -37.43            | -62.29             | 2.94                 | 14.80                 | H                  |
|                            | 7500              | -51.74       | -13           | -38.74            | -61.51             | 3.39                 | 13.16                 | H                  |
|                            | 3750              | -55.01       | -13           | -42.01            | -67.27             | 2.64                 | 14.90                 | V                  |
|                            | 5625              | -52.48       | -13           | -39.48            | -64.34             | 2.94                 | 14.80                 | V                  |
|                            | 7500              | -51.84       | -13           | -38.84            | -61.61             | 3.39                 | 13.16                 | V                  |
| Highest                    | 3795              | -55.57       | -13           | -42.57            | -67.83             | 2.64                 | 14.90                 | H                  |
|                            | 5685              | -53.99       | -13           | -40.99            | -65.85             | 2.94                 | 14.80                 | H                  |
|                            | 7590              | -51.79       | -13           | -38.79            | -61.56             | 3.39                 | 13.16                 | H                  |
|                            | 3795              | -55.39       | -13           | -42.39            | -67.65             | 2.64                 | 14.90                 | V                  |
|                            | 5685              | -54.06       | -13           | -41.06            | -65.92             | 2.94                 | 14.80                 | V                  |
|                            | 7590              | -51.68       | -13           | -38.68            | -61.45             | 3.39                 | 13.16                 | V                  |

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



| LTE Band 26 / 15 MHz / QPSK |                   |             |               |                   |                    |                      |                       |                    |
|-----------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                     | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                      | 1648              | -62.51      | -13           | -49.51            | -69.48             | 1.58                 | 10.70                 | H                  |
|                             | 2472              | -58.55      | -13           | -45.55            | -66.80             | 2.102                | 12.50                 | H                  |
|                             | 3296              | -57.00      | -13           | -44.00            | -65.89             | 2.856                | 13.90                 | H                  |
|                             | 1648              | -61.41      | -13           | -48.41            | -68.38             | 1.58                 | 10.70                 | V                  |
|                             | 2472              | -56.73      | -13           | -43.73            | -64.98             | 2.10                 | 12.50                 | V                  |
|                             | 3296              | -57.33      | -13           | -44.33            | -66.22             | 2.86                 | 13.90                 | V                  |
| Middle                      | 1656              | -62.50      | -13           | -49.50            | -69.47             | 1.58                 | 10.70                 | H                  |
|                             | 2488              | -59.01      | -13           | -46.01            | -67.26             | 2.102                | 12.50                 | H                  |
|                             | 3320              | -57.29      | -13           | -44.29            | -66.18             | 2.856                | 13.90                 | H                  |
|                             | 1656              | -61.21      | -13           | -48.21            | -68.18             | 1.58                 | 10.70                 | V                  |
|                             | 2488              | -55.36      | -13           | -42.36            | -63.61             | 2.10                 | 12.50                 | V                  |
|                             | 3320              | -57.77      | -13           | -44.77            | -66.66             | 2.86                 | 13.90                 | V                  |
| Highest                     | 1672              | -62.35      | -13           | -49.35            | -69.32             | 1.58                 | 10.70                 | H                  |
|                             | 2504              | -58.45      | -13           | -45.45            | -66.70             | 2.102                | 12.50                 | H                  |
|                             | 3336              | -57.32      | -13           | -44.32            | -66.21             | 2.856                | 13.90                 | H                  |
|                             | 1672              | -61.43      | -13           | -48.43            | -68.40             | 1.58                 | 10.70                 | V                  |
|                             | 2504              | -57.97      | -13           | -44.97            | -66.22             | 2.10                 | 12.50                 | V                  |
|                             | 3336              | -57.72      | -13           | -44.72            | -66.61             | 2.86                 | 13.90                 | V                  |

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

| LTE Band 66 / 20MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 3420              | -46.87       | -13           | -33.87            | -57.61             | 2.604                | 13.34                 | H                  |
|                            | 5130              | -54.24       | -13           | -41.24            | -64.75             | 3.011                | 13.52                 | H                  |
|                            | 6840              | -54.32       | -13           | -41.32            | -64.52             | 3.271                | 13.47                 | H                  |
|                            | 3420              | -54.98       | -13           | -41.98            | -65.72             | 2.604                | 13.34                 | V                  |
|                            | 5130              | -54.13       | -13           | -41.13            | -64.64             | 3.011                | 13.52                 | V                  |
|                            | 6840              | -54.21       | -13           | -41.21            | -64.41             | 3.271                | 13.47                 | V                  |
| Middle                     | 3465              | -56.94       | -13           | -43.94            | -67.68             | 2.604                | 13.34                 | H                  |
|                            | 5205              | -54.45       | -13           | -41.45            | -64.96             | 3.011                | 13.52                 | H                  |
|                            | 6945              | -53.81       | -13           | -40.81            | -64.01             | 3.271                | 13.47                 | H                  |
|                            | 3465              | -57.39       | -13           | -44.39            | -68.13             | 2.604                | 13.34                 | V                  |
|                            | 5205              | -54.50       | -13           | -41.50            | -65.01             | 3.011                | 13.52                 | V                  |
|                            | 6945              | -53.67       | -13           | -40.67            | -63.87             | 3.271                | 13.47                 | V                  |
| Highest                    | 3525              | -56.86       | -13           | -43.86            | -67.60             | 2.604                | 13.34                 | H                  |
|                            | 5280              | -54.50       | -13           | -41.50            | -65.01             | 3.011                | 13.52                 | H                  |
|                            | 7050              | -53.56       | -13           | -40.56            | -63.76             | 3.271                | 13.47                 | H                  |
|                            | 3525              | -57.26       | -13           | -44.26            | -68.00             | 2.604                | 13.34                 | V                  |
|                            | 5280              | -54.53       | -13           | -41.53            | -65.04             | 3.011                | 13.52                 | V                  |
|                            | 7050              | -53.16       | -13           | -40.16            | -63.36             | 3.271                | 13.47                 | V                  |

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