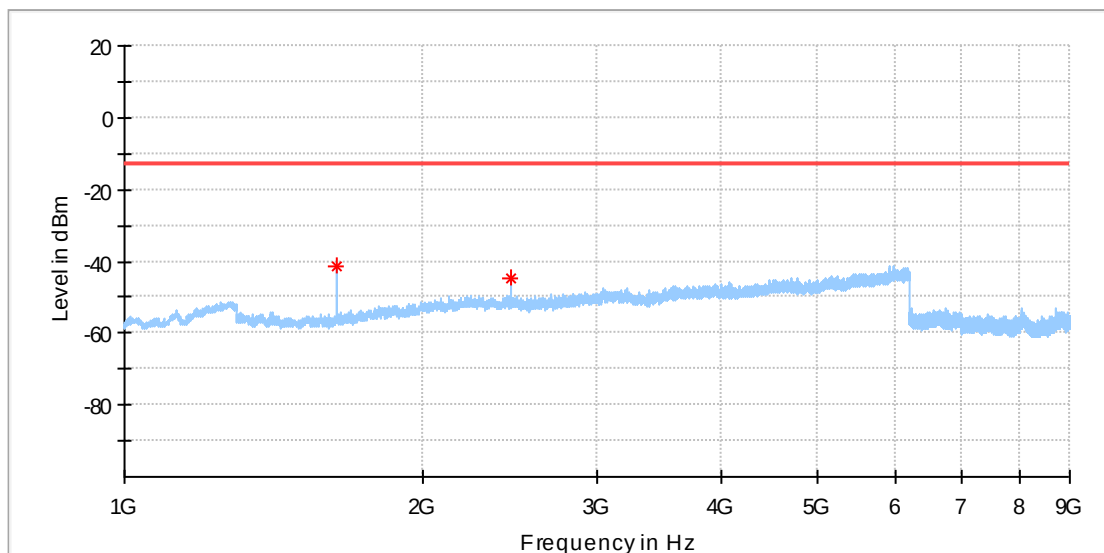


Mid Channel  
3.75 kHz

## Test Report

### EUT Information

|                |                         |
|----------------|-------------------------|
| EUT Name:      | DATA TERMINAL MODULE    |
| Model:         | ME310G1-WW              |
| Test Mode:     | TX Mid 3.75kHz QPSK 1@0 |
| Test Voltage:  | DC 3.8V                 |
| Remark:        | Temp 22 Humi:50%        |
| Test Standard: | FCC Part 90             |
| Tested By:     | Kei Zhang               |
| Reviewed By:   | Terry Yin               |



### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1637.500000     | -41.29        | ---         | -13.00      | 28.29       | 100.0       | H   | 11.0          | -92.5      |
| 2456.500000     | -44.83        | ---         | -13.00      | 31.83       | 100.0       | H   | 356.0         | -87.9      |

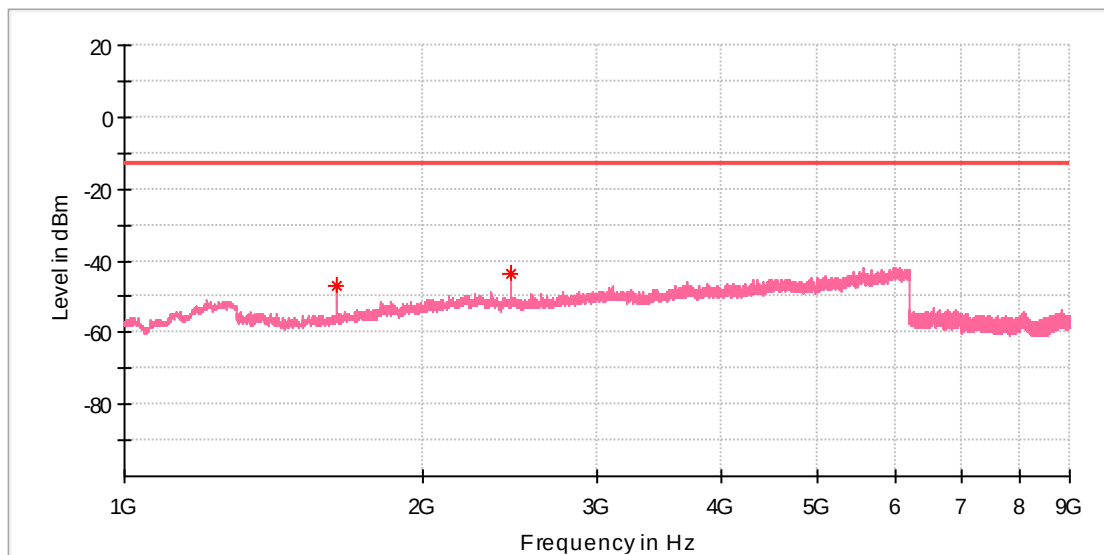
### Final\_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         | --- | ---           | ---        |

# Test Report

## EUT Information

|                |                         |
|----------------|-------------------------|
| EUT Name:      | DATA TERMINAL MODULE    |
| Model:         | ME310G1-WW              |
| Test Mode:     | TX Mid 3.75kHz QPSK 1@0 |
| Test Voltage:: | DC 3.8V                 |
| Remark:        | Temp 22 Humi:50%        |
| Test Standard: | FCC Part 90             |
| Tested By:     | Kei Zhang               |
| Reviewed By:   | Terry Yin               |



## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1637.500000     | -46.77        | ---         | -13.00      | 33.77       | 100.0       | V   | 36.0          | -92.5      |
| 2456.500000     | -43.37        | ---         | -13.00      | 30.37       | 100.0       | V   | 311.0         | -88.1      |

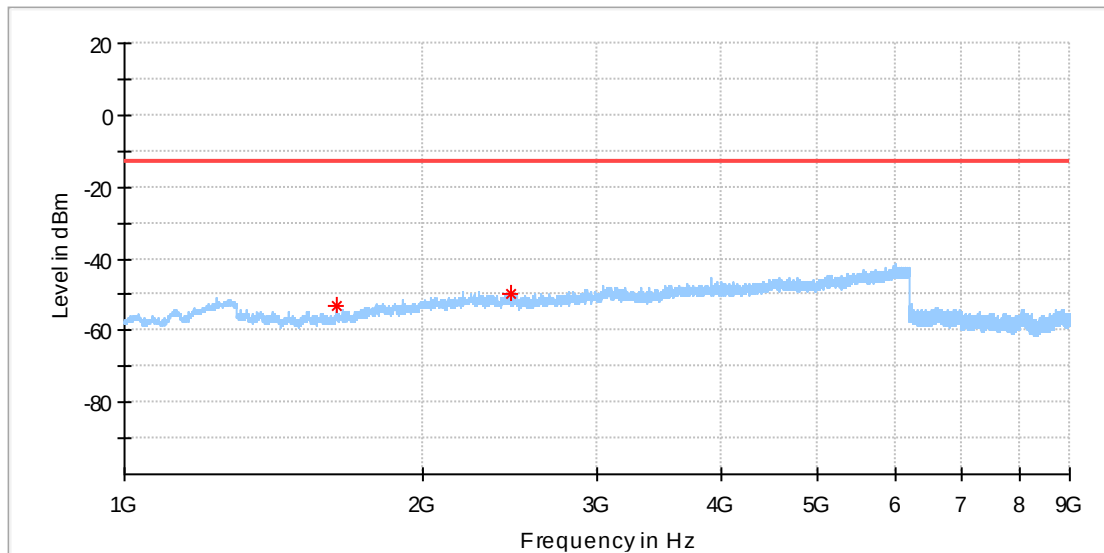
## Final\_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         | --- | ---           | ---        |

# Test Report

## EUT Information

|                |                          |
|----------------|--------------------------|
| EUT Name:      | DATA TERMINAL MODULE     |
| Model:         | ME310G1-WW               |
| Test Mode:     | TX Mid 3.75kHz QPSK 1@47 |
| Test Voltage:: | DC 3.8V                  |
| Remark:        | Temp 22 Humi:50%         |
| Test Standard: | FCC Part 90              |
| Tested By:     | Kei Zhang                |
| Reviewed By:   | Terry Yin                |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1638.500000     | -52.85        | ---         | -13.00      | 39.85       | 100.0       | H   | 309.0         | -92.5      |
| 2456.500000     | -49.54        | ---         | -13.00      | 36.54       | 100.0       | H   | 185.0         | -87.9      |

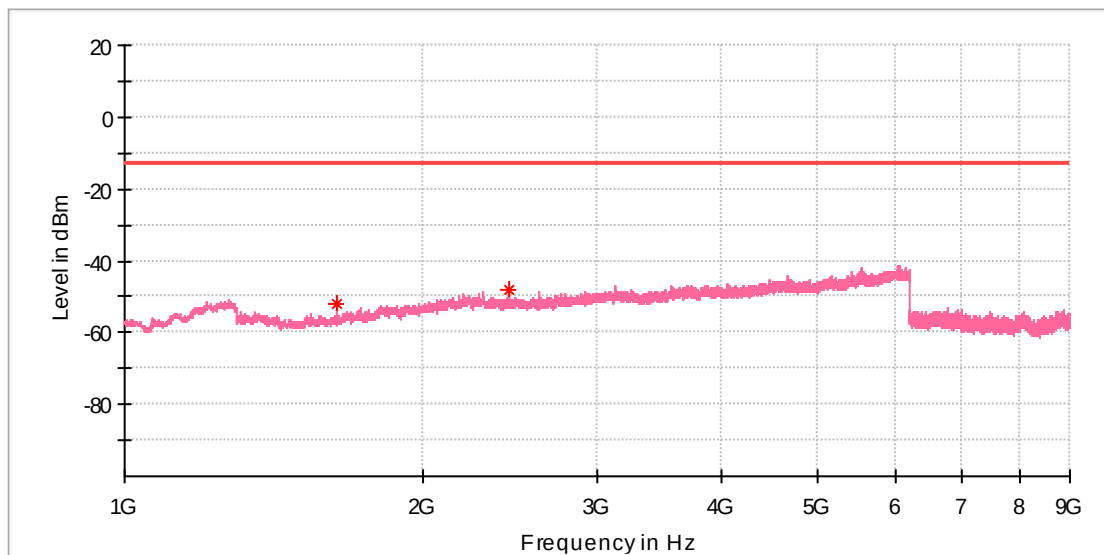
## Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         |     | ---           | ---        |

# Test Report

## EUT Information

EUT Name: DATA TERMINAL MODULE  
Model: ME310G1-WW  
Test Mode: TX Mid 3.75kHz QPSK 1@47  
Test Voltage:: DC 3.8V  
Remark: Temp 22 Humi:50%  
Test Standard: FCC Part 90  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1638.000000     | -52.14        | ---         | -13.00      | 39.14       | 100.0       | V   | 243.0         | -92.5      |
| 2440.500000     | -48.20        | ---         | -13.00      | 35.20       | 100.0       | V   | 339.0         | -88.1      |

## Final Result

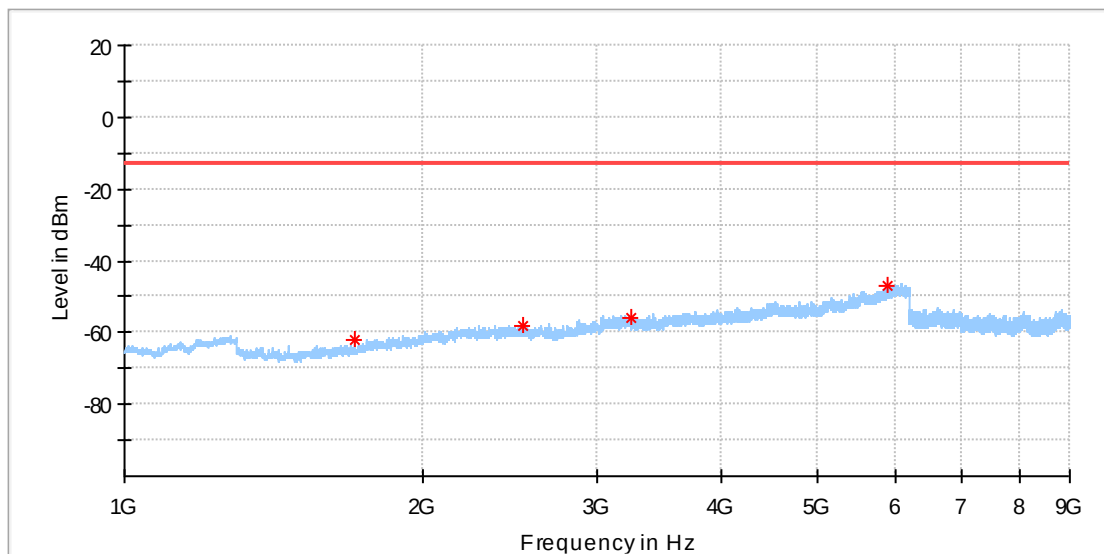
| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         | --- | ---           | ---        |

15 kHz

## Test Report

### EUT Information

|                |                       |
|----------------|-----------------------|
| EUT Name:      | DATA TERMINAL MODULE  |
| Model:         | ME310G1-WW            |
| Test Mode:     | TX Mid 15kHz BPSK 1@0 |
| Test Voltage:  | DC 3.8V               |
| Remark:        | Temp 23 Humi:42%      |
| Test Standard: | FCC Part 90           |
| Tested By:     | Kei Zhang             |
| Reviewed By:   | Terry Yin             |



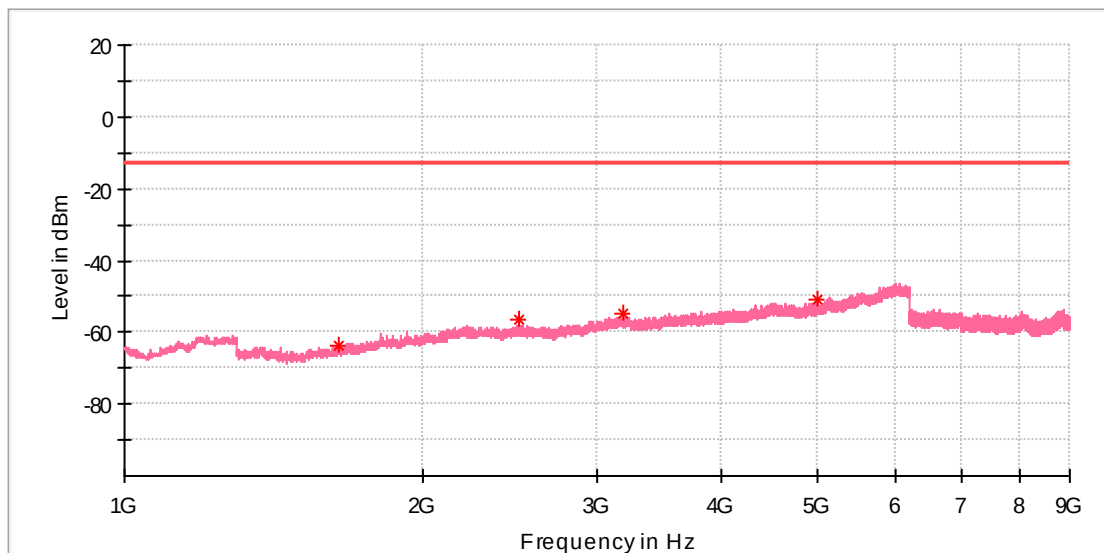
### Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1706.500000     | -61.92        | -13.00      | 48.92       | 100.0       | H   | 259.0         | -92.2      |
| 2523.500000     | -58.06        | -13.00      | 45.06       | 100.0       | H   | 182.0         | -88.4      |
| 3251.500000     | -55.88        | -13.00      | 42.88       | 100.0       | H   | 22.0          | -87.0      |
| 5883.500000     | -46.90        | -13.00      | 33.90       | 100.0       | H   | 315.0         | -81.3      |

# Test Report

## EUT Information

|                |                       |
|----------------|-----------------------|
| EUT Name:      | DATA TERMINAL MODULE  |
| Model:         | ME310G1-WW            |
| Test Mode:     | TX Mid 15kHz BPSK 1@0 |
| Test Voltage:: | DC 3.8V               |
| Remark:        | Temp 23 Humi:42%      |
| Test Standard: | FCC Part 90           |
| Tested By:     | Kei Zhang             |
| Reviewed By:   | Terry Yin             |



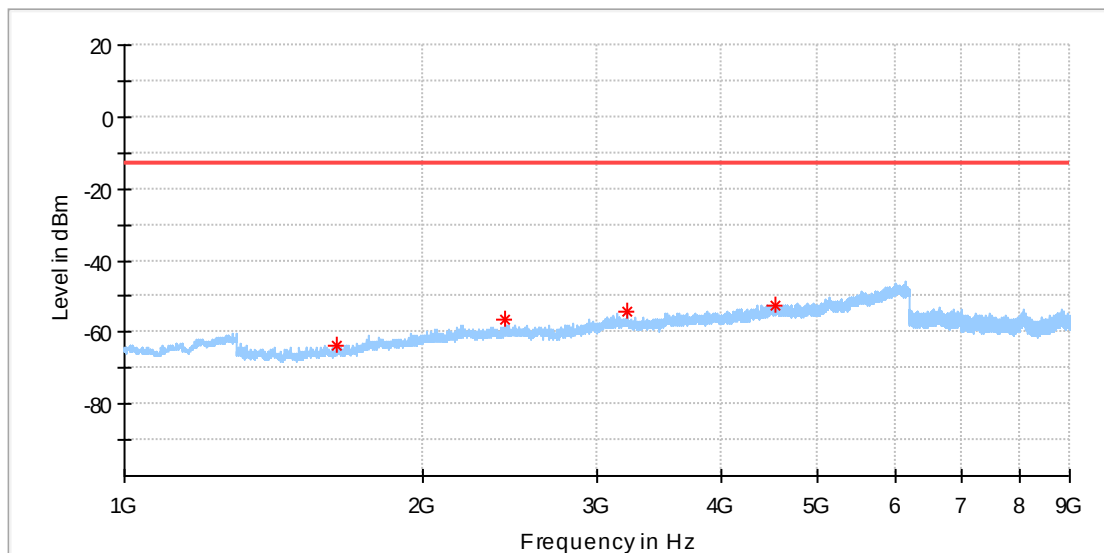
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1642.000000     | -63.51        | -13.00      | 50.51       | 100.0       | V   | 232.0         | -92.4      |
| 2501.000000     | -56.71        | -13.00      | 43.71       | 100.0       | V   | 350.0         | -88.1      |
| 3180.000000     | -55.07        | -13.00      | 42.07       | 100.0       | V   | 107.0         | -86.2      |
| 4999.500000     | -50.95        | -13.00      | 37.95       | 100.0       | V   | 197.0         | -83.9      |

# Test Report

## EUT Information

|                |                        |
|----------------|------------------------|
| EUT Name:      | DATA TERMINAL MODULE   |
| Model:         | ME310G1-WW             |
| Test Mode:     | TX Mid 15kHz BPSK 1@11 |
| Test Voltage:  | DC 3.8V                |
| Remark:        | Temp 23 Humi:42%       |
| Test Standard: | FCC Part 90            |
| Tested By:     | Kei Zhang              |
| Reviewed By:   | Terry Yin              |



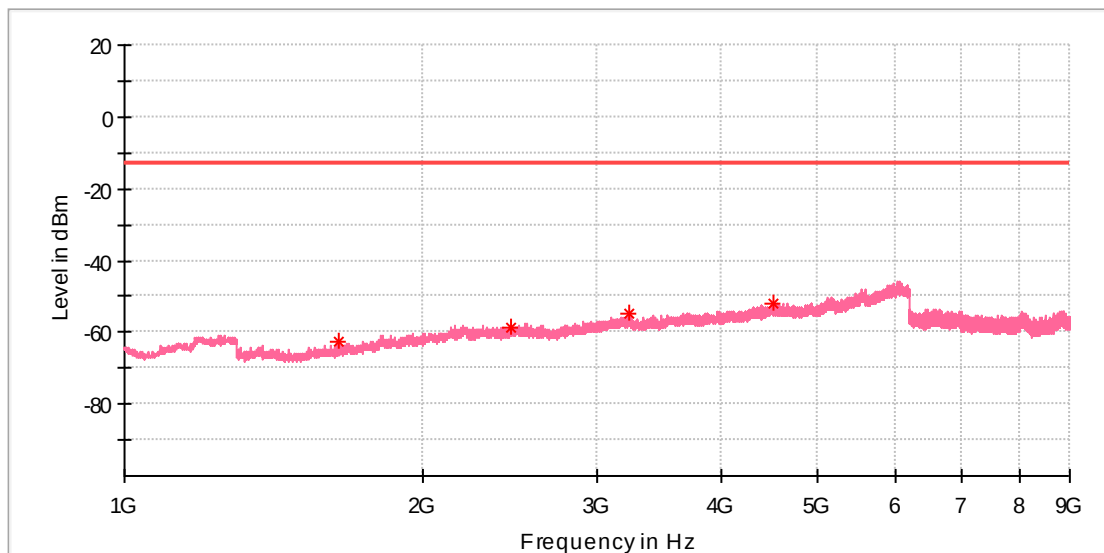
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1638.500000     | -63.97        | -13.00      | 50.97       | 100.0       | H   | 126.0         | -92.5      |
| 2422.000000     | -56.56        | -13.00      | 43.56       | 100.0       | H   | 167.0         | -87.5      |
| 3222.500000     | -54.47        | -13.00      | 41.47       | 100.0       | H   | 42.0          | -86.6      |
| 4534.000000     | -52.29        | -13.00      | 39.29       | 100.0       | H   | 314.0         | -83.5      |

# Test Report

## EUT Information

|                |                        |
|----------------|------------------------|
| EUT Name:      | DATA TERMINAL MODULE   |
| Model:         | ME310G1-WW             |
| Test Mode:     | TX Mid 15kHz BPSK 1@11 |
| Test Voltage:: | DC 3.8V                |
| Remark:        | Temp 23 Humi:42%       |
| Test Standard: | FCC Part 90            |
| Tested By:     | Kei Zhang              |
| Reviewed By:   | Terry Yin              |



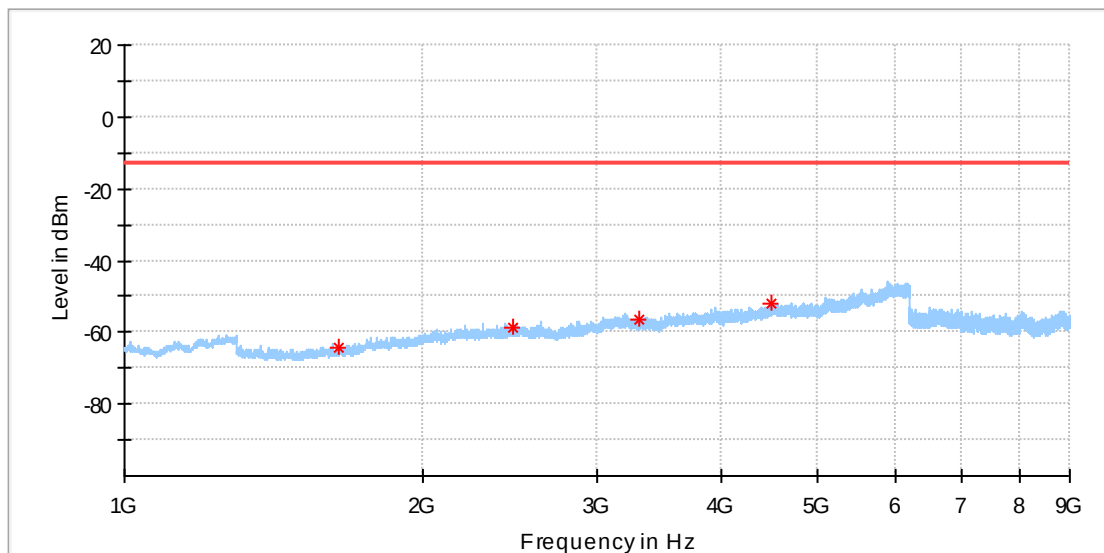
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1647.000000     | -62.88        | -13.00      | 49.88       | 100.0       | V   | 74.0          | -92.4      |
| 2458.500000     | -58.84        | -13.00      | 45.84       | 100.0       | V   | 130.0         | -88.1      |
| 3237.000000     | -54.73        | -13.00      | 41.73       | 100.0       | V   | 289.0         | -86.7      |
| 4526.500000     | -51.74        | -13.00      | 38.74       | 100.0       | V   | 199.0         | -83.4      |

# Test Report

## EUT Information

|                |                        |
|----------------|------------------------|
| EUT Name:      | DATA TERMINAL MODULE   |
| Model:         | ME310G1-WW             |
| TestMode:      | TX Mid 15kHz QPSK 12@0 |
| TestVoltage::  | DC 3.8V                |
| Remark:        | Temp 23 Humi:42%       |
| Test Standard: | FCC Part 90            |
| Tested By:     | Kei Zhang              |
| Reviewed By:   | Terry Yin              |



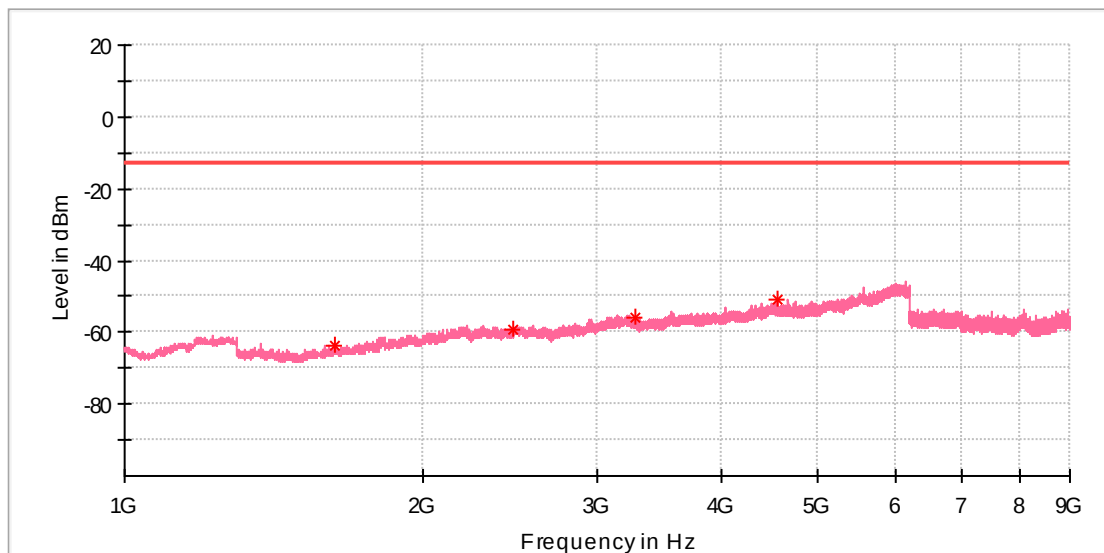
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1644.000000     | -64.38        | -13.00      | 51.38       | 100.0       | H   | 0.0           | -92.3      |
| 2471.500000     | -58.47        | -13.00      | 45.47       | 100.0       | H   | 150.0         | -87.9      |
| 3301.500000     | -56.22        | -13.00      | 43.22       | 100.0       | H   | 11.0          | -87.2      |
| 4496.000000     | -51.83        | -13.00      | 38.83       | 100.0       | H   | 330.0         | -83.8      |

# Test Report

## EUT Information

|                |                        |
|----------------|------------------------|
| EUT Name:      | DATA TERMINAL MODULE   |
| Model:         | ME310G1-WW             |
| Test Mode:     | TX Mid 15kHz QPSK 12@0 |
| Test Voltage:: | DC 3.8V                |
| Remark:        | Temp 23 Humi:42%       |
| Test Standard: | FCC Part 90            |
| Tested By:     | Kei Zhang              |
| Reviewed By:   | Terry Yin              |



## Critical Freqs

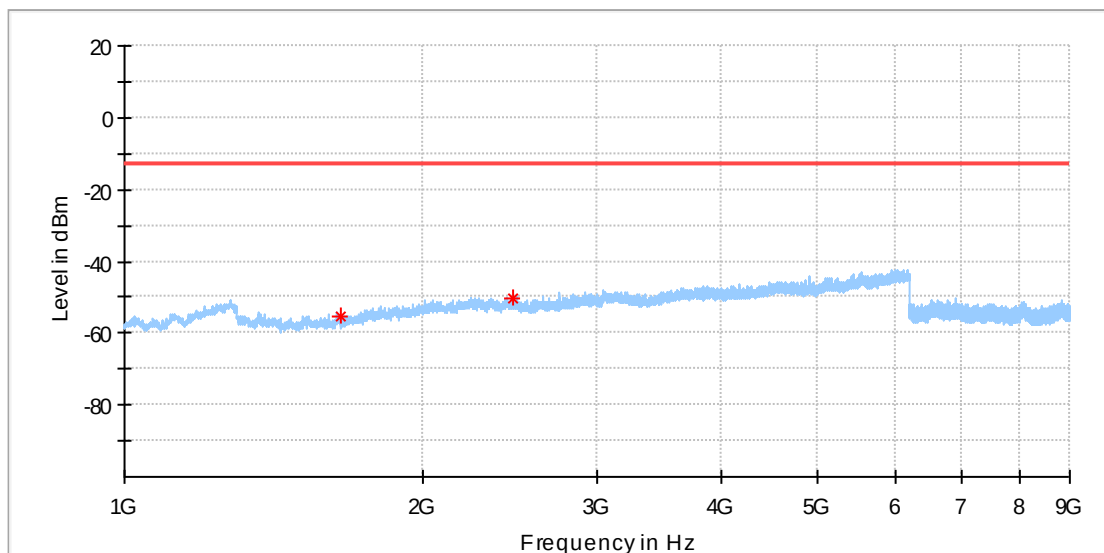
| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1633.000000     | -63.51        | -13.00      | 50.51       | 100.0       | V   | 84.0          | -92.5      |
| 2465.000000     | -59.08        | -13.00      | 46.08       | 100.0       | V   | 286.0         | -88.1      |
| 3270.000000     | -56.11        | -13.00      | 43.11       | 100.0       | V   | 359.0         | -86.9      |
| 4553.000000     | -50.81        | -13.00      | 37.81       | 100.0       | V   | 279.0         | -83.4      |

High Channel  
3.75 kHz

## Test Report

### EUT Information

|                |                          |
|----------------|--------------------------|
| EUT Name:      | DATA TERMINAL MODULE     |
| Model:         | ME310G1-WW               |
| Test Mode:     | TX High 3.75kHz QPSK 1@0 |
| Test Voltage:  | DC 3.8V                  |
| Remark:        | Temp 22 Humi:50%         |
| Test Standard: | FCC Part 90              |
| Tested By:     | Kei Zhang                |
| Reviewed By:   | Terry Yin                |



### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1655.000000     | -55.08        | ---         | -13.00      | 42.08       | 100.0       | H   | 21.0          | -92.6      |
| 2466.500000     | -50.33        | ---         | -13.00      | 37.33       | 100.0       | H   | 45.0          | -87.9      |

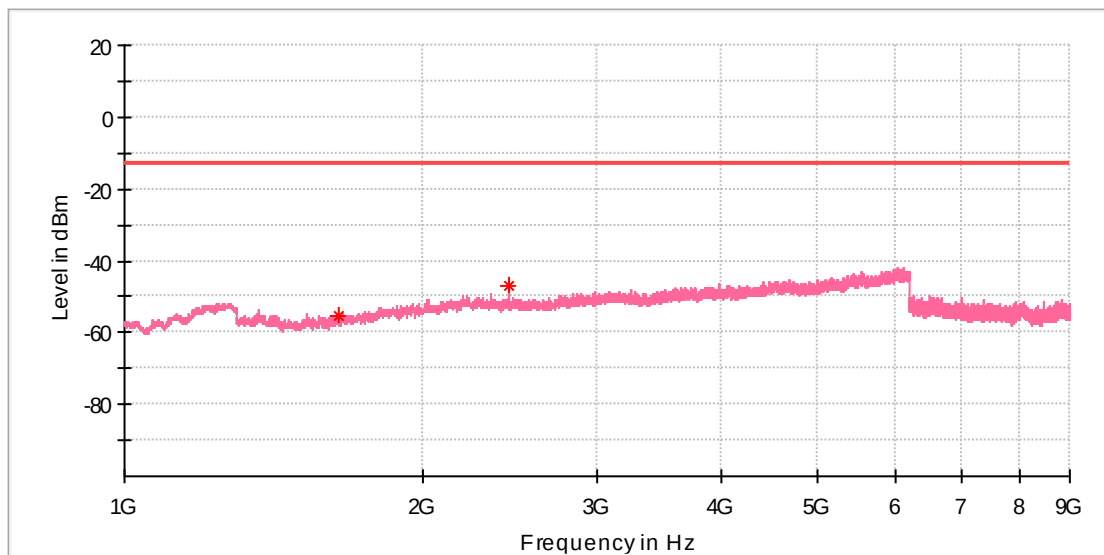
### Final\_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         | --- | ---           | ---        |

# Test Report

## EUT Information

|                |                          |
|----------------|--------------------------|
| EUT Name:      | DATA TERMINAL MODULE     |
| Model:         | ME310G1-WW               |
| Test Mode:     | TX High 3.75kHz QPSK 1@0 |
| Test Voltage:: | DC 3.8V                  |
| Remark:        | Temp 22 Humi:50%         |
| Test Standard: | FCC Part 90              |
| Tested By:     | Kei Zhang                |
| Reviewed By:   | Terry Yin                |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1643.000000     | -55.25        | ---         | -13.00      | 42.25       | 100.0       | V   | 240.0         | -92.4      |
| 2443.000000     | -46.79        | ---         | -13.00      | 33.79       | 100.0       | V   | 102.0         | -88.1      |

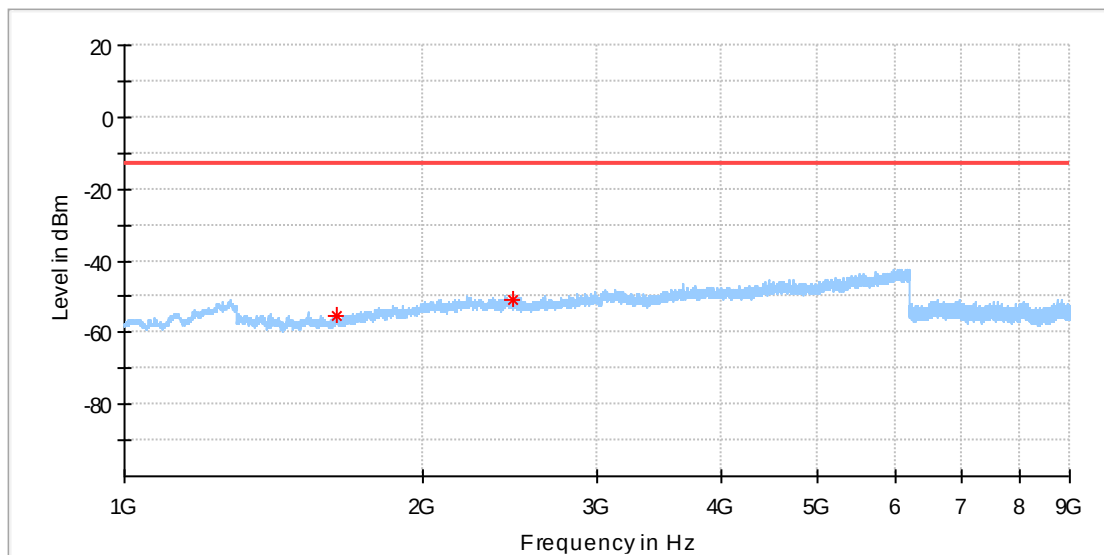
## Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         |     | ---           | ---        |

# Test Report

## EUT Information

|                |                           |
|----------------|---------------------------|
| EUT Name:      | DATA TERMINAL MODULE      |
| Model:         | ME310G1-WW                |
| Test Mode:     | TX High 3.75kHz QPSK 1@47 |
| Test Voltage:: | DC 3.8V                   |
| Remark:        | Temp 22 Humi:50%          |
| Test Standard: | FCC Part 90               |
| Tested By:     | Kei Zhang                 |
| Reviewed By:   | Terry Yin                 |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1640.000000     | -55.55        | ---         | -13.00      | 42.55       | 100.0       | H   | 134.0         | -92.4      |
| 2472.000000     | -50.62        | ---         | -13.00      | 37.62       | 100.0       | H   | 324.0         | -87.9      |

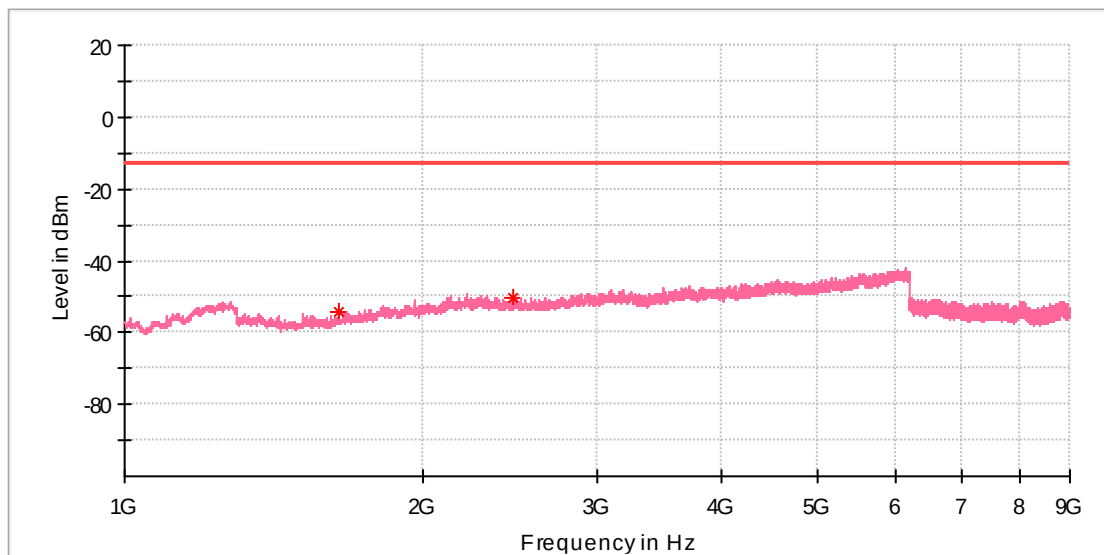
## Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         |     | ---           | ---        |

# Test Report

## EUT Information

EUT Name: DATA TERMINAL MODULE  
Model: ME310G1-VVW  
Test Mode: TX High 3.75kHz QPSK 1@47  
Test Voltage:: DC 3.8V  
Remark: Temp 22 Humi:50%  
Test Standard: FCC Part 90  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1645.500000     | -54.49        | ---         | -13.00      | 41.49       | 100.0       | V   | 105.0         | -92.4      |
| 2469.500000     | -50.57        | ---         | -13.00      | 37.57       | 100.0       | V   | 266.0         | -88.0      |

## Final Result

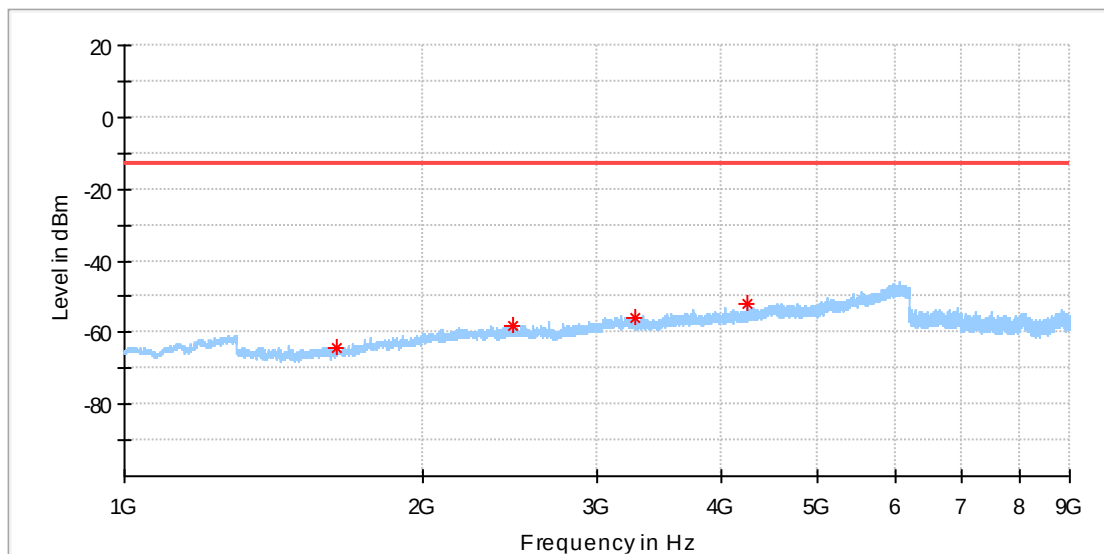
| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         | --- | ---           | ---        |

15 kHz

## Test Report

### EUT Information

|                |                        |
|----------------|------------------------|
| EUT Name:      | DATA TERMINAL MODULE   |
| Model:         | ME310G1-WW             |
| Test Mode:     | TX High 15kHz BPSK 1@0 |
| Test Voltage:  | DC 3.8V                |
| Remark:        | Temp 23 Humi:42%       |
| Test Standard: | FCC Part 90            |
| Tested By:     | Kei Zhang              |
| Reviewed By:   | Terry Yin              |



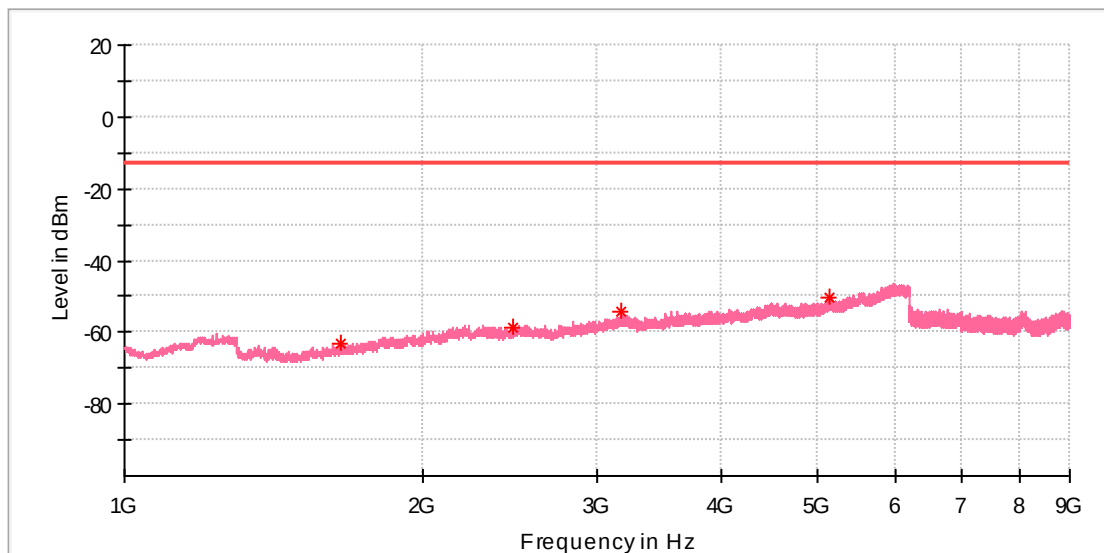
### Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1640.500000     | -64.31        | -13.00      | 51.31       | 100.0       | H   | 251.0         | -92.4      |
| 2467.500000     | -58.28        | -13.00      | 45.28       | 100.0       | H   | 279.0         | -87.9      |
| 3278.000000     | -56.15        | -13.00      | 43.15       | 100.0       | H   | 139.0         | -87.1      |
| 4245.000000     | -52.22        | -13.00      | 39.22       | 100.0       | H   | 139.0         | -85.2      |

# Test Report

## EUT Information

|                |                        |
|----------------|------------------------|
| EUT Name:      | DATA TERMINAL MODULE   |
| Model:         | ME310G1-WW             |
| Test Mode:     | TX High 15kHz BPSK 1@0 |
| Test Voltage:: | DC 3.8V                |
| Remark:        | Temp 23 Humi:42%       |
| Test Standard: | FCC Part 90            |
| Tested By:     | Kei Zhang              |
| Reviewed By:   | Terry Yin              |



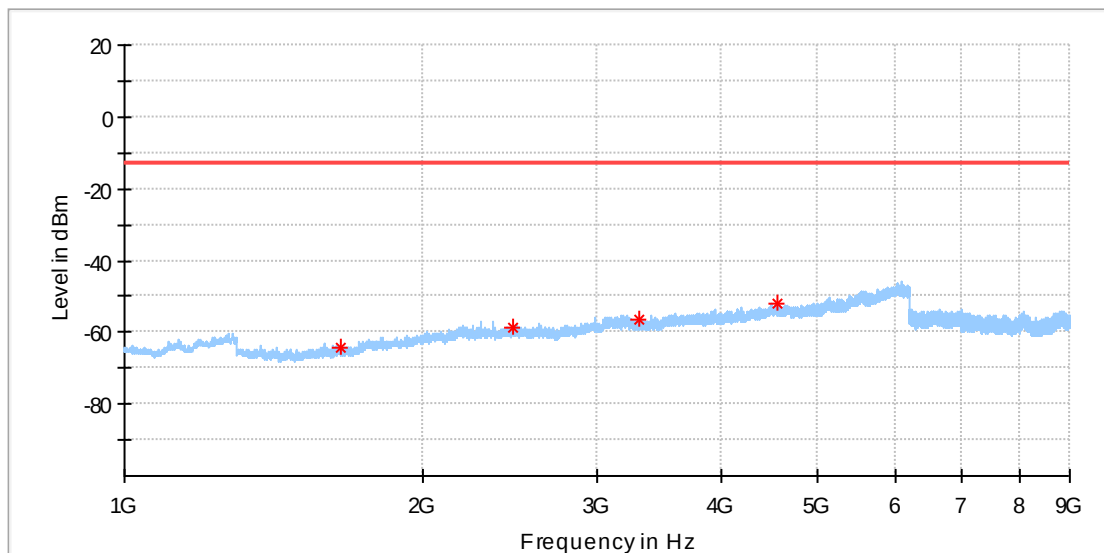
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1651.500000     | -63.32        | -13.00      | 50.32       | 100.0       | V   | 100.0         | -92.4      |
| 2471.000000     | -58.66        | -13.00      | 45.66       | 100.0       | V   | 135.0         | -88.0      |
| 3168.500000     | -54.31        | -13.00      | 41.31       | 100.0       | V   | 218.0         | -86.2      |
| 5156.500000     | -50.18        | -13.00      | 37.18       | 100.0       | V   | 239.0         | -82.8      |

# Test Report

## EUT Information

|                |                         |
|----------------|-------------------------|
| EUT Name:      | DATA TERMINAL MODULE    |
| Model:         | ME310G1-WW              |
| Test Mode:     | TX High 15kHz BPSK 1@11 |
| Test Voltage:  | DC 3.8V                 |
| Remark:        | Temp 23 Humi:42%        |
| Test Standard: | FCC Part 90             |
| Tested By:     | Kei Zhang               |
| Reviewed By:   | Terry Yin               |



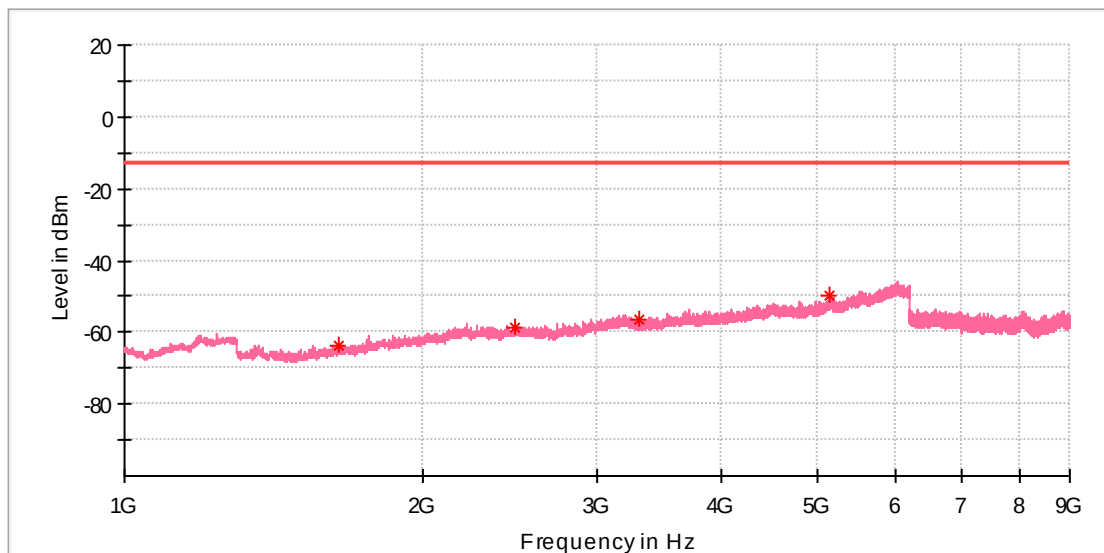
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1652.500000     | -64.31        | -13.00      | 51.31       | 100.0       | H   | 185.0         | -92.5      |
| 2471.500000     | -58.83        | -13.00      | 45.83       | 100.0       | H   | 131.0         | -87.9      |
| 3308.500000     | -56.71        | -13.00      | 43.71       | 100.0       | H   | 0.0           | -87.2      |
| 4563.000000     | -51.99        | -13.00      | 38.99       | 100.0       | H   | 96.0          | -83.5      |

# Test Report

## EUT Information

|                |                         |
|----------------|-------------------------|
| EUT Name:      | DATA TERMINAL MODULE    |
| Model:         | ME310G1-WW              |
| Test Mode:     | TX High 15kHz BPSK 1@11 |
| Test Voltage:: | DC 3.8V                 |
| Remark:        | Temp 23 Humi:42%        |
| Test Standard: | FCC Part 90             |
| Tested By:     | Kei Zhang               |
| Reviewed By:   | Terry Yin               |



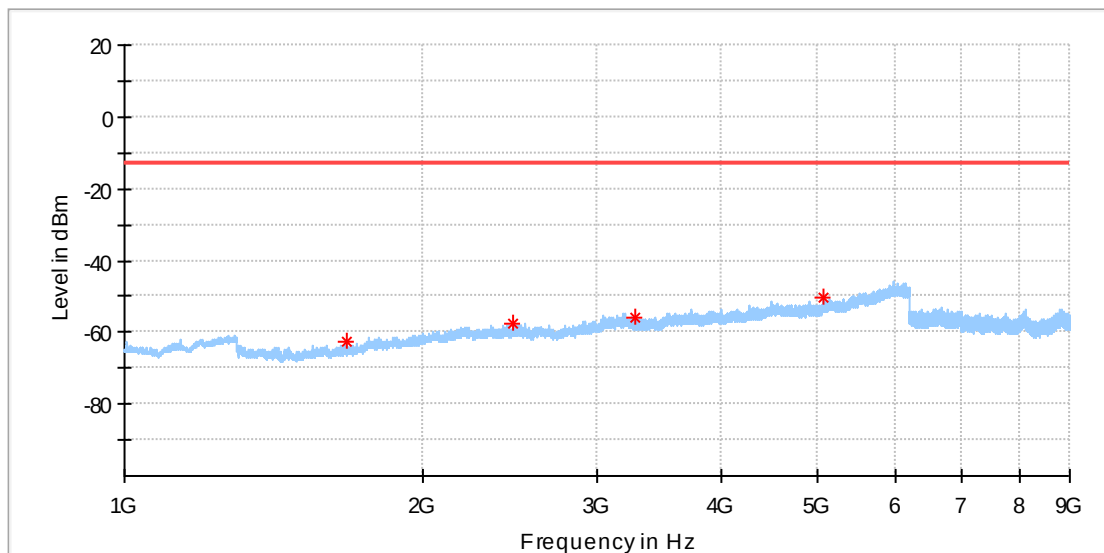
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1643.500000     | -63.88        | -13.00      | 50.88       | 100.0       | V   | 148.0         | -92.4      |
| 2475.000000     | -58.84        | -13.00      | 45.84       | 100.0       | V   | 225.0         | -88.0      |
| 3314.000000     | -56.58        | -13.00      | 43.58       | 100.0       | V   | 4.0           | -87.3      |
| 5158.000000     | -49.75        | -13.00      | 36.75       | 100.0       | V   | 315.0         | -82.8      |

# Test Report

## EUT Information

EUT Name: DATA TERMINAL MODULE  
Model: ME310G1-WW  
Test Mode: TX High 15kHz QPSK 12@0  
Test Voltage: DC 3.8V  
Remark: Temp 23 Humi:42%  
Test Standard: FCC Part 90  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



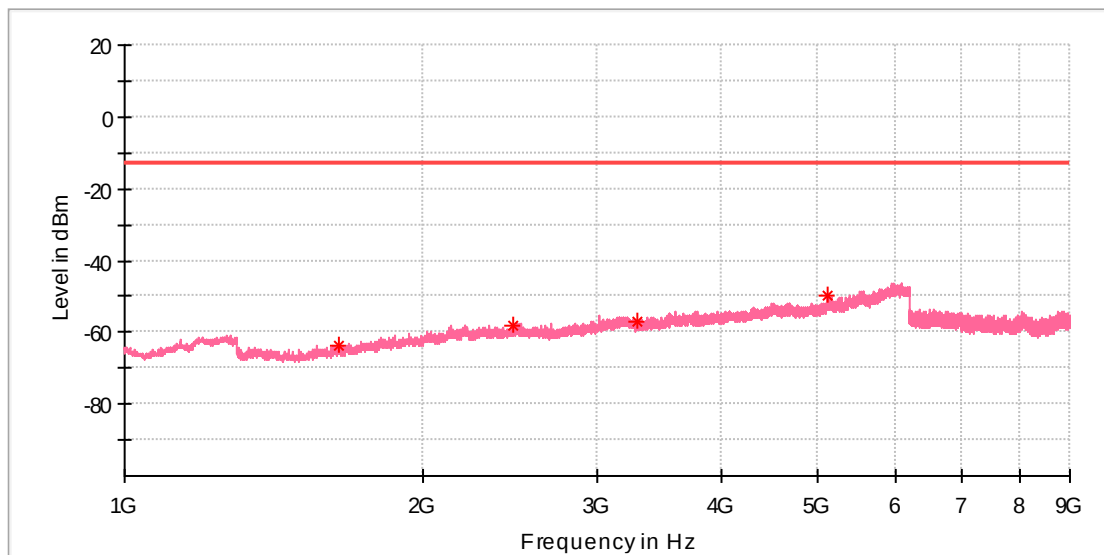
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1673.500000     | -62.79        | -13.00      | 49.79       | 100.0       | H   | 335.0         | -92.5      |
| 2466.500000     | -57.65        | -13.00      | 44.65       | 100.0       | H   | 4.0           | -87.9      |
| 3284.000000     | -56.05        | -13.00      | 43.05       | 100.0       | H   | 140.0         | -87.2      |
| 5084.000000     | -50.51        | -13.00      | 37.51       | 100.0       | H   | 105.0         | -83.1      |

# Test Report

## EUT Information

|                |                         |
|----------------|-------------------------|
| EUT Name:      | DATA TERMINAL MODULE    |
| Model:         | ME310G1-VV              |
| Test Mode:     | TX High 15kHz QPSK 12@0 |
| Test Voltage:: | DC 3.8V                 |
| Remark:        | Temp 23 Humi:42%        |
| Test Standard: | FCC Part 90             |
| Tested By:     | Kei Zhang               |
| Reviewed By:   | Terry Yin               |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1644.500000     | -63.82        | -13.00      | 50.82       | 100.0       | V   | 234.0         | -92.4      |
| 2469.500000     | -58.10        | -13.00      | 45.10       | 100.0       | V   | 60.0          | -88.0      |
| 3296.500000     | -57.03        | -13.00      | 44.03       | 100.0       | V   | 0.0           | -87.2      |
| 5134.500000     | -49.86        | -13.00      | 36.86       | 100.0       | V   | 122.0         | -83.0      |

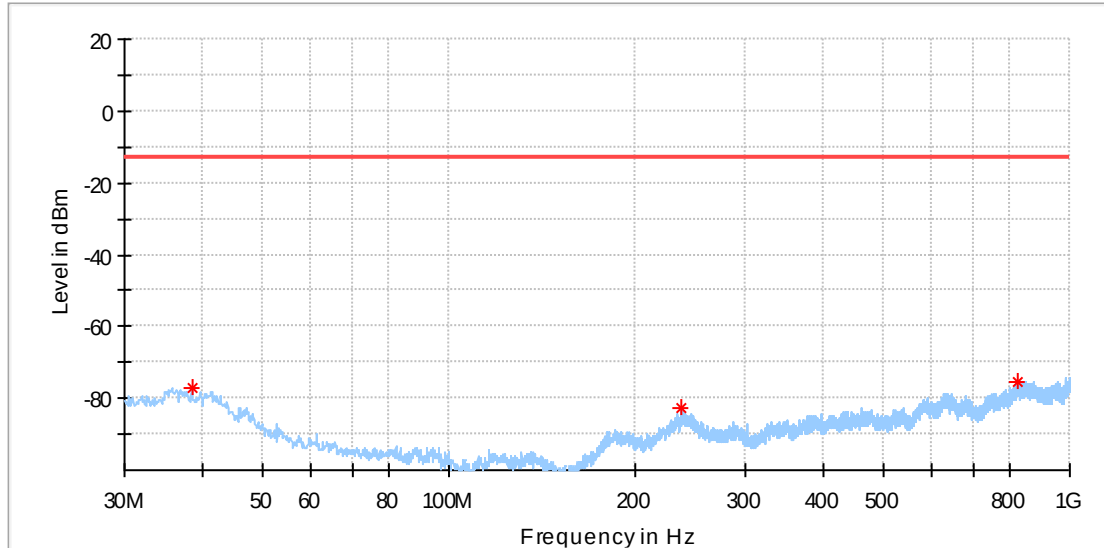
## Appendix L.8: Field Strength of Spurious Radiation for Band 26 Upper Band

Below 1 GHz  
 BPSK

# Test Report

### EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX 15kHz BPSK 1@0               |
| Test Voltage:: | DC 3.8V                         |
| Remark:        | Temp 22 Humi:50%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



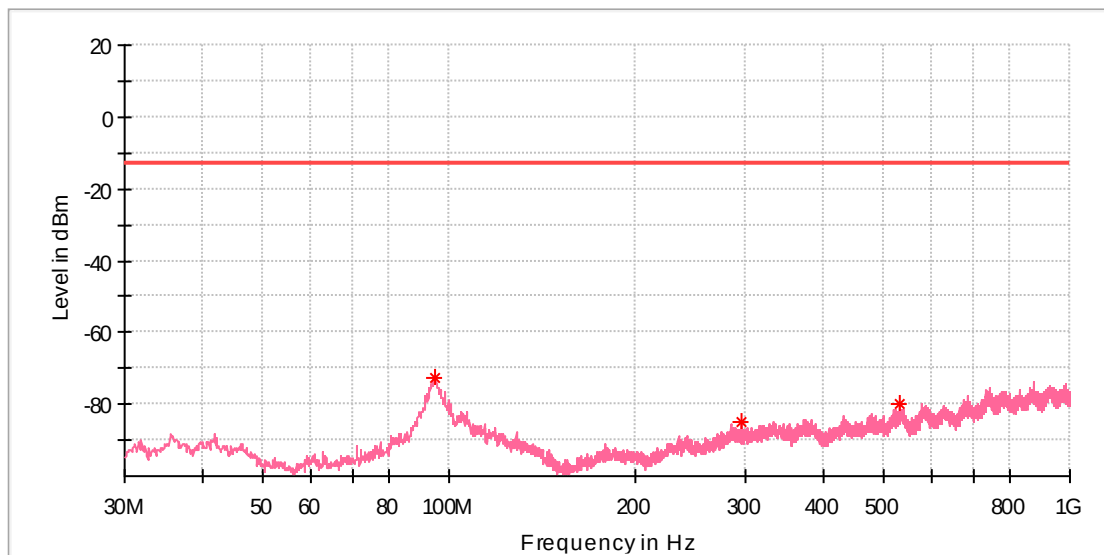
### Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 38.487500       | -77.24        | -13.00      | 64.24       | 100.0       | H   | 147.0         | -114.4     |
| 237.337500      | -82.57        | -13.00      | 69.57       | 100.0       | H   | 21.0          | -110.9     |
| 823.460000      | -75.23        | -13.00      | 62.23       | 100.0       | H   | 89.0          | -101.4     |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX 15kHz BPSK 1@0               |
| Test Voltage:: | DC 3.8V                         |
| Remark:        | Temp 22 Humi:50%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



## Critical Freqs

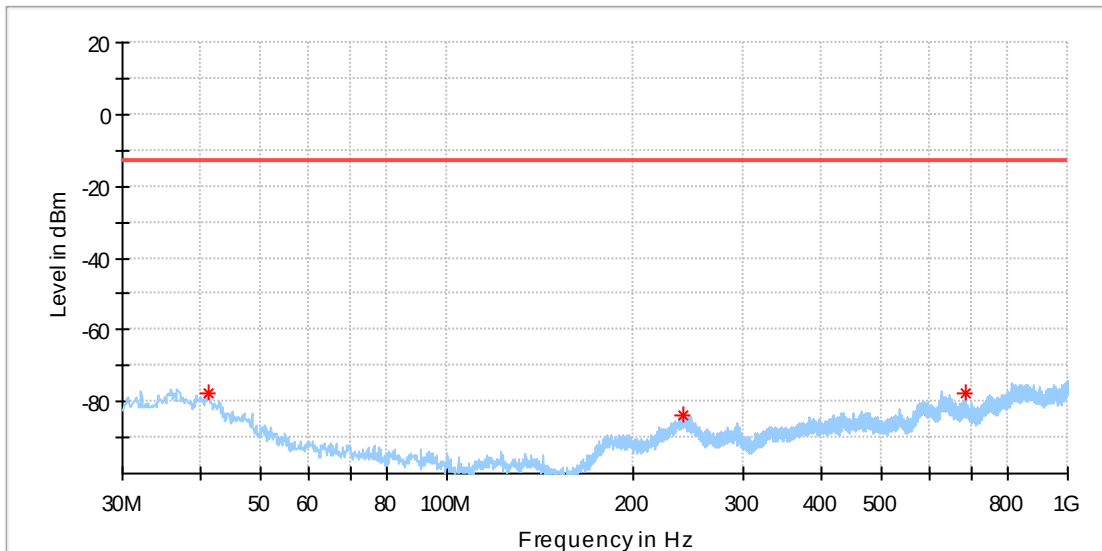
| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 94.990000       | -72.63        | -13.00      | 59.63       | 100.0       | V   | 0.0           | -99.6      |
| 295.173750      | -84.97        | -13.00      | 71.97       | 100.0       | V   | 178.0         | -111.8     |
| 530.156250      | -79.79        | -13.00      | 66.79       | 100.0       | V   | 146.0         | -107.8     |

QPSK

## Test Report

### EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX 15kHz QPSK 1@0               |
| Test Voltage:  | DC 3.8V                         |
| Remark:        | Temp 22 Humi:50%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



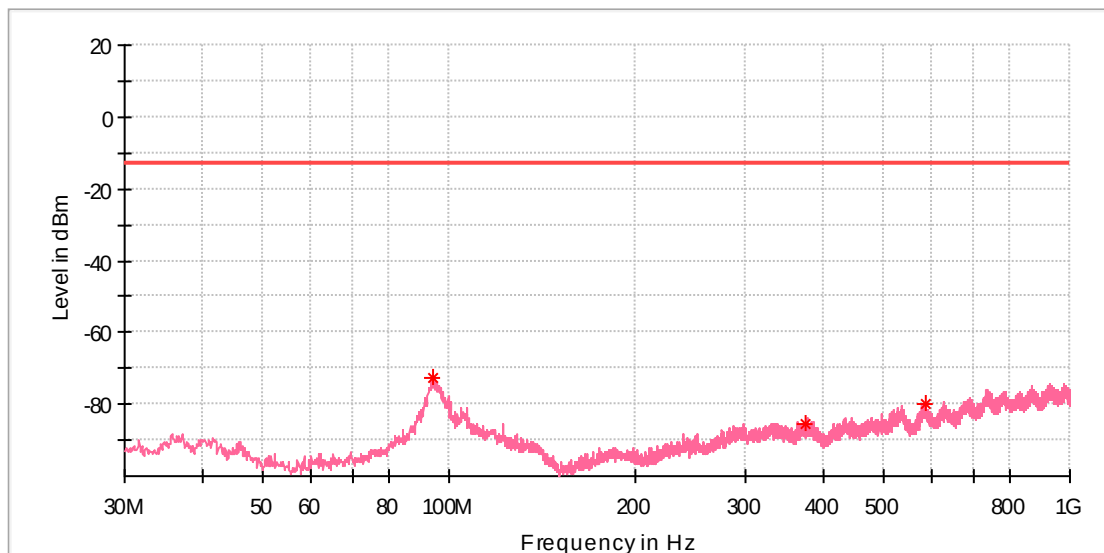
### Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 41.397500       | -77.81        | -13.00      | 64.81       | 100.0       | H   | 292.0         | -112.2     |
| 240.611250      | -84.06        | -13.00      | 71.06       | 100.0       | H   | 314.0         | -110.4     |
| 683.658750      | -77.85        | -13.00      | 64.85       | 100.0       | H   | 35.0          | -106.0     |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX 15kHz QPSK 1@0               |
| Test Voltage:: | DC 3.8V                         |
| Remark:        | Temp 22 Humi:50%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



## Critical Freqs

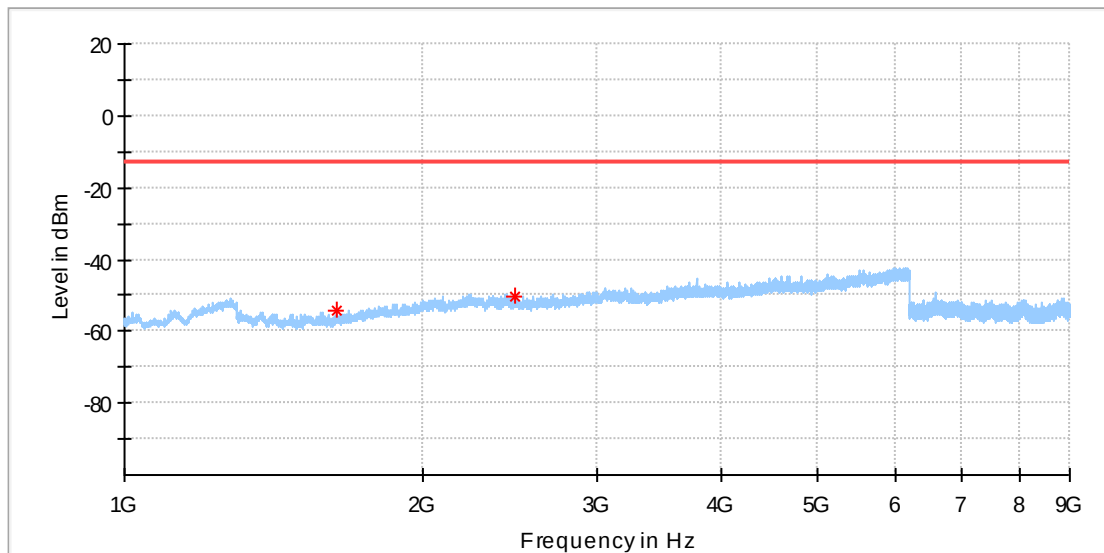
| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 94.262500       | -72.70        | -13.00      | 59.70       | 100.0       | V   | 359.0         | -99.6      |
| 374.713750      | -85.22        | -13.00      | 72.22       | 100.0       | V   | 128.0         | -110.9     |
| 583.870000      | -80.00        | -13.00      | 67.00       | 100.0       | V   | 65.0          | -106.6     |

Above 1 GHz  
Low Channel  
3.75 kHz

## Test Report

### EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX Low 3.75kHzQPSK 1@0          |
| Test Voltage:  | DC 3.8V                         |
| Remark:        | Temp 22 Humi:50%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1639.000000     | -54.24        | ---         | -13.00      | 41.24       | 100.0       | H   | 70.0          | -92.5      |
| 2482.000000     | -50.17        | ---         | -13.00      | 37.17       | 100.0       | H   | 325.0         | -88.0      |

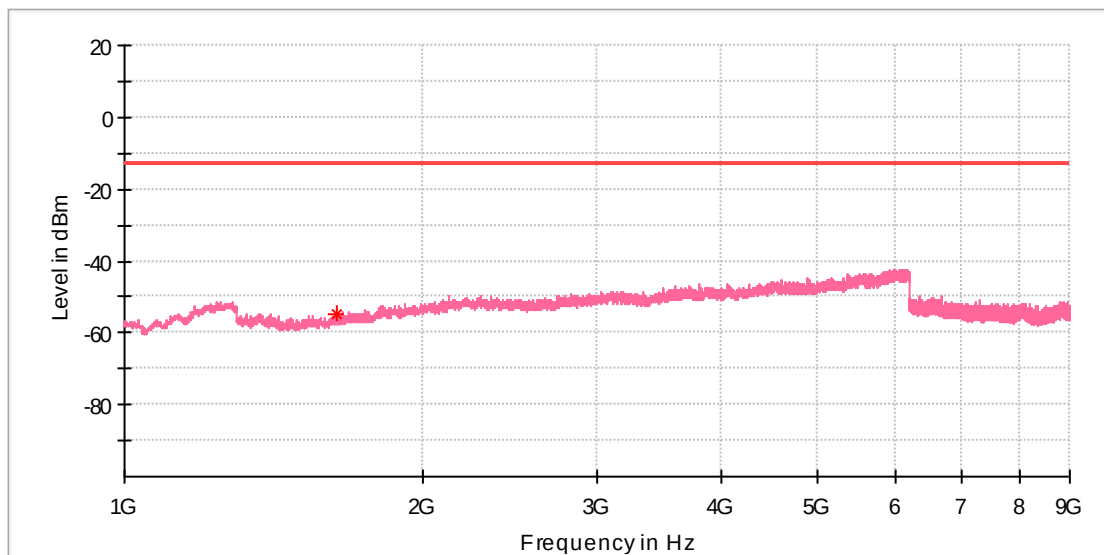
### Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         | --- | ---           | ---        |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX Low 3.75kHz QPSK 1@0         |
| Test Voltage:: | DC 3.8V                         |
| Remark:        | Temp 22 Humi:50%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1638.500000     | -54.85        | ---         | -13.00      | 41.85       | 100.0       | V   | 191.0         | -92.5      |

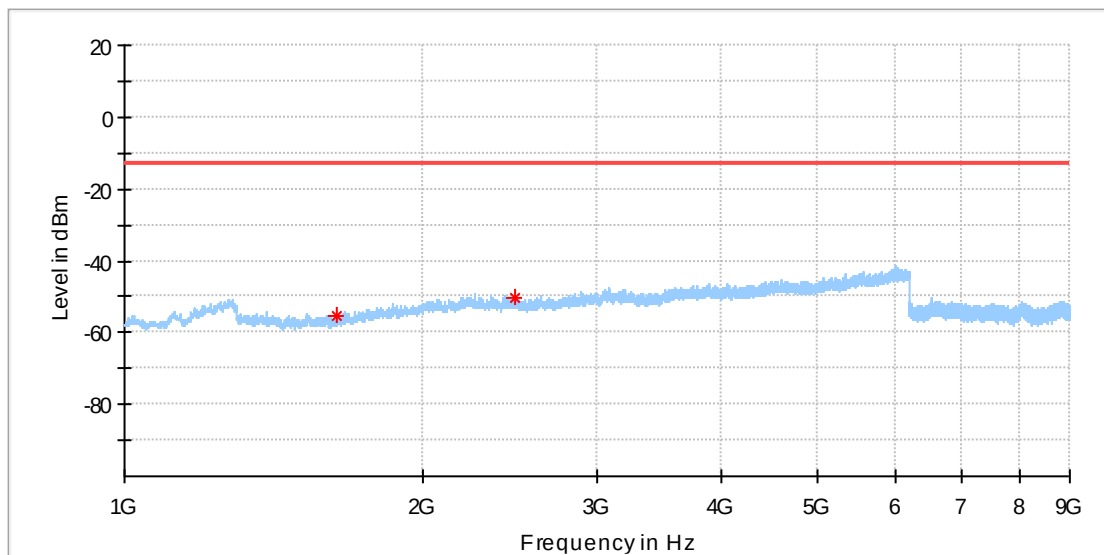
## Final\_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         |     | ---           | ---        |

# Test Report

## EUT Information

EUT Name: DATA TERMINAL MODULE  
Model: ME310G1-WW  
Test Mode: TX Low 3.75kHz QPSK 1@47  
Test Voltage:: DC 3.8V  
Remark: Temp 22 Humi:50%  
Test Standard: FCC Part 22 and RSS-132 Issue 3  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1640.500000     | -55.11        | ---         | -13.00      | 42.11       | 100.0       | H   | 273.0         | -92.4      |
| 2476.000000     | -50.48        | ---         | -13.00      | 37.48       | 100.0       | H   | 264.0         | -88.0      |

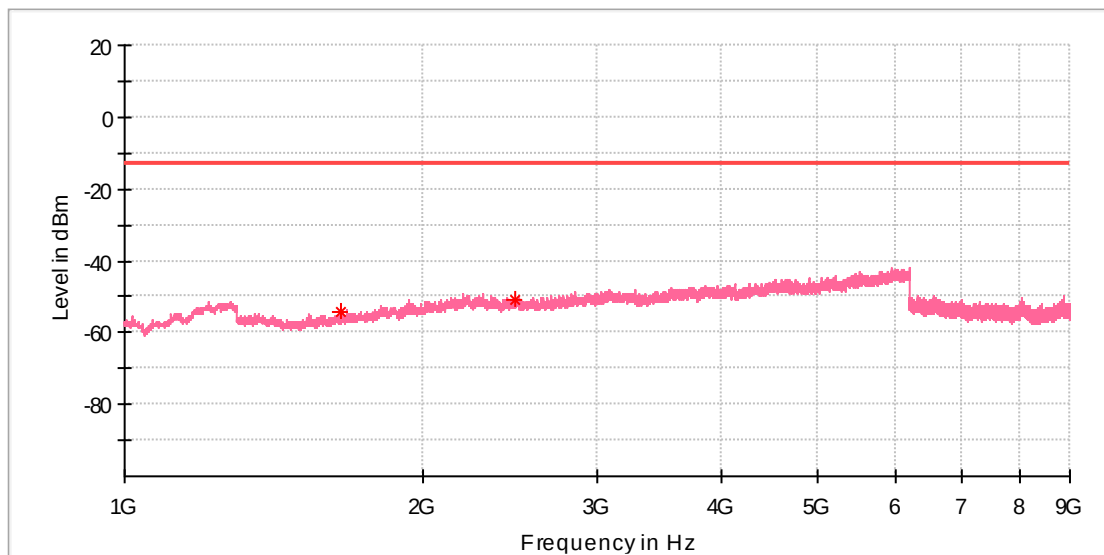
## Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         |     | ---           | ---        |

# Test Report

## EUT Information

EUT Name: DATA TERMINAL MODULE  
Model: ME310G1-WW  
Test Mode: TX Low 3.75kHz QPSK 1@47  
Test Voltage: DC 3.8V  
Remark: Temp 22 Humi:50%  
Test Standard: FCC Part 22 and RSS-132 Issue 3  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1656.000000     | -54.46        | ---         | -13.00      | 41.46       | 100.0       | V   | 338.0         | -92.3      |
| 2481.500000     | -50.65        | ---         | -13.00      | 37.65       | 100.0       | V   | 357.0         | -88.0      |

## Final Result

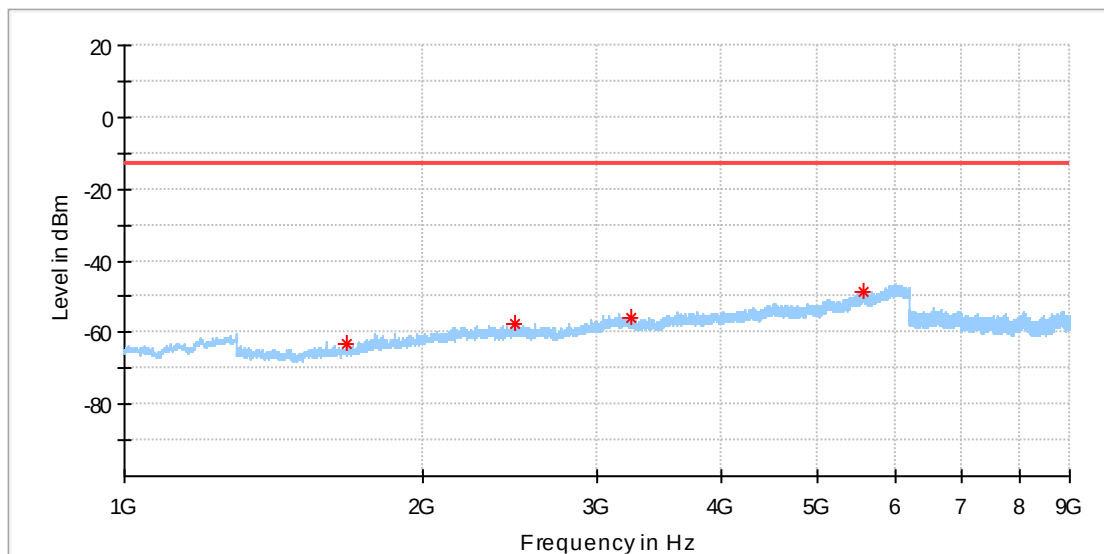
| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         | --- | ---           | ---        |

15 kHz

## Test Report

### EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX Low 15kHz BPSK 1@0           |
| Test Voltage:  | DC 3.8V                         |
| Remark:        | Temp 23 Humi:42%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



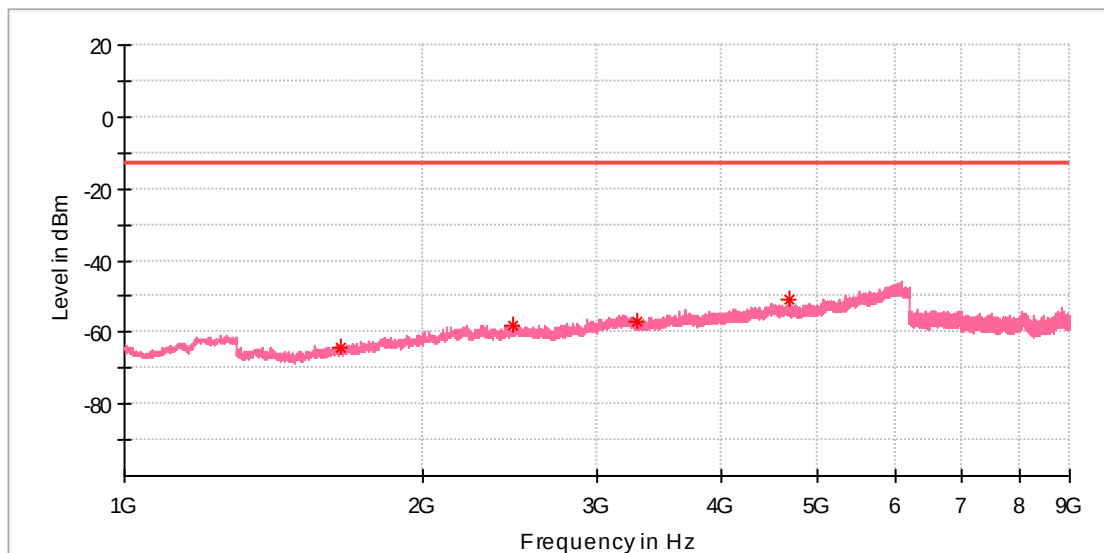
### Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1678.500000     | -63.05        | -13.00      | 50.05       | 100.0       | H   | 248.0         | -92.4      |
| 2473.000000     | -57.77        | -13.00      | 44.77       | 100.0       | H   | 213.0         | -87.9      |
| 3242.500000     | -56.00        | -13.00      | 43.00       | 100.0       | H   | 41.0          | -86.9      |
| 5567.000000     | -48.45        | -13.00      | 35.45       | 100.0       | H   | 220.0         | -81.6      |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX Low 15kHz BPSK 1@0           |
| Test Voltage:  | DC 3.8V                         |
| Remark:        | Temp 23 Humi:42%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



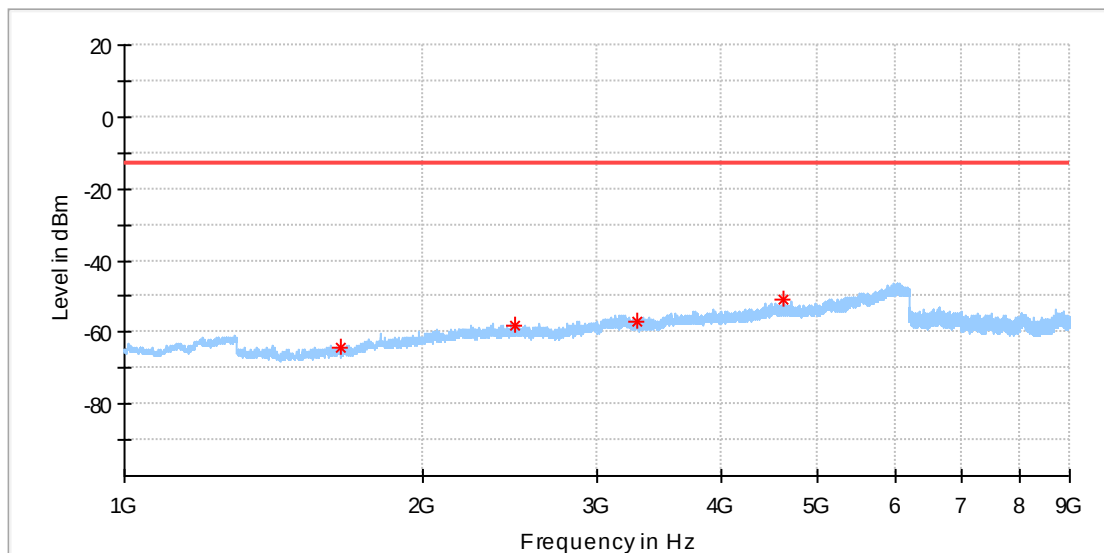
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1654.500000     | -64.34        | -13.00      | 51.34       | 100.0       | V   | 239.0         | -92.3      |
| 2466.000000     | -57.97        | -13.00      | 44.97       | 100.0       | V   | 10.0          | -88.1      |
| 3297.500000     | -57.00        | -13.00      | 44.00       | 100.0       | V   | 274.0         | -87.3      |
| 4683.000000     | -51.08        | -13.00      | 38.08       | 100.0       | V   | 155.0         | -83.7      |

# Test Report

## EUT Information

EUT Name: DATA TERMINAL MODULE  
Model: ME310G1-WW  
Test Mode: TX Low 15kHz BPSK 1@11  
Test Voltage: DC 3.8V  
Remark: Temp 23 Humi:42%  
Test Standard: FCC Part 22 and RSS-132 Issue 3  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



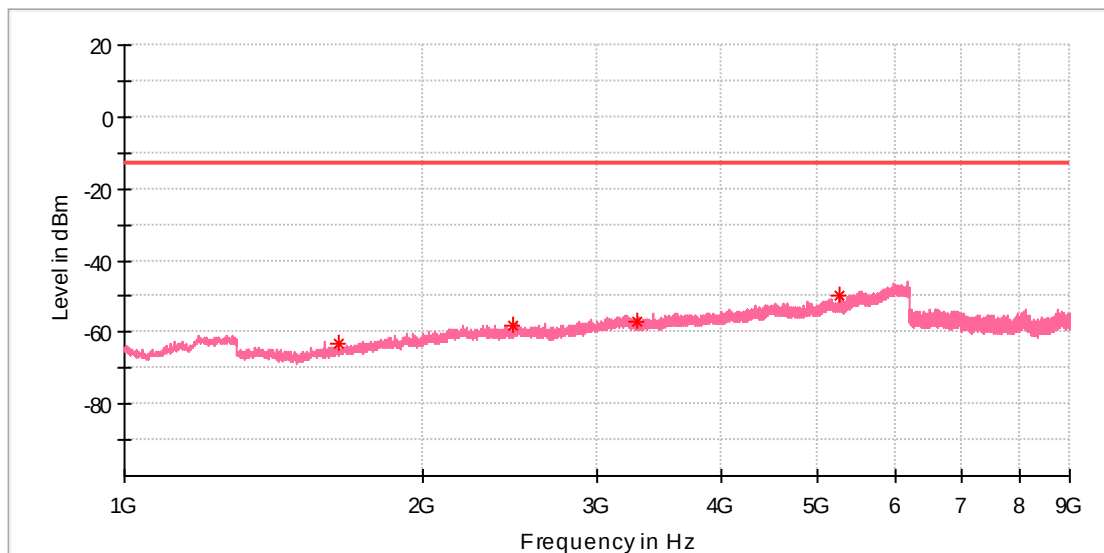
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1655.500000     | -64.40        | -13.00      | 51.40       | 100.0       | H   | 119.0         | -92.6      |
| 2479.000000     | -58.19        | -13.00      | 45.19       | 100.0       | H   | 71.0          | -88.0      |
| 3287.500000     | -56.75        | -13.00      | 43.75       | 100.0       | H   | 238.0         | -87.2      |
| 4635.000000     | -51.10        | -13.00      | 38.10       | 100.0       | H   | 286.0         | -83.7      |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX Low 15kHz BPSK 1@11          |
| Test Voltage:  | DC 3.8V                         |
| Remark:        | Temp 23 Humi:42%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



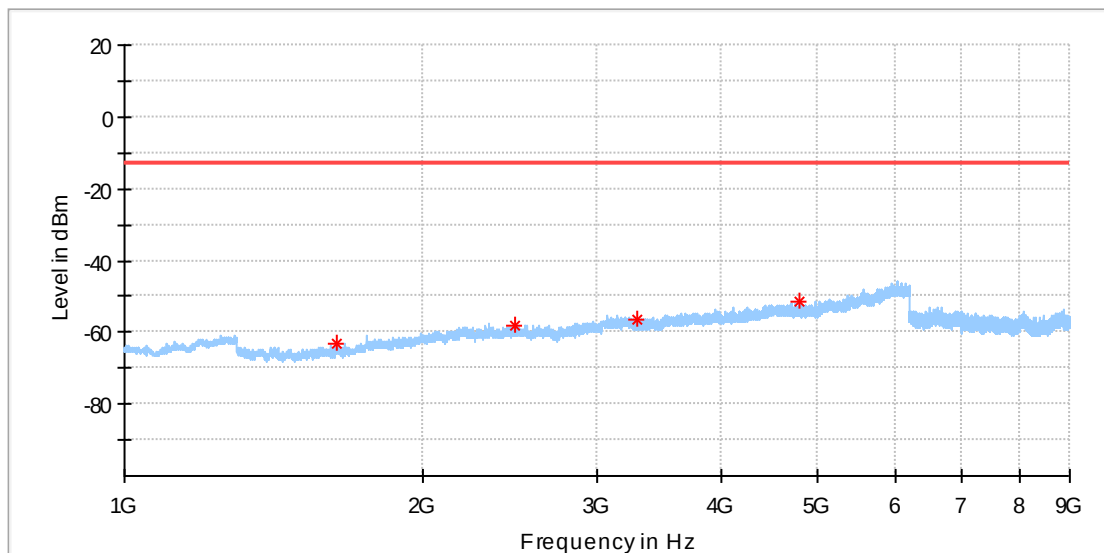
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1646.500000     | -63.02        | -13.00      | 50.02       | 100.0       | V   | 110.0         | -92.4      |
| 2470.500000     | -57.94        | -13.00      | 44.94       | 100.0       | V   | 41.0          | -88.0      |
| 3299.000000     | -57.19        | -13.00      | 44.19       | 100.0       | V   | 145.0         | -87.3      |
| 5267.500000     | -49.52        | -13.00      | 36.52       | 100.0       | V   | 171.0         | -83.2      |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| TestMode:      | TX Low 15kHz QPSK 12@0          |
| TestVoltage::  | DC 3.8V                         |
| Remark:        | Temp 23 Humi:42%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



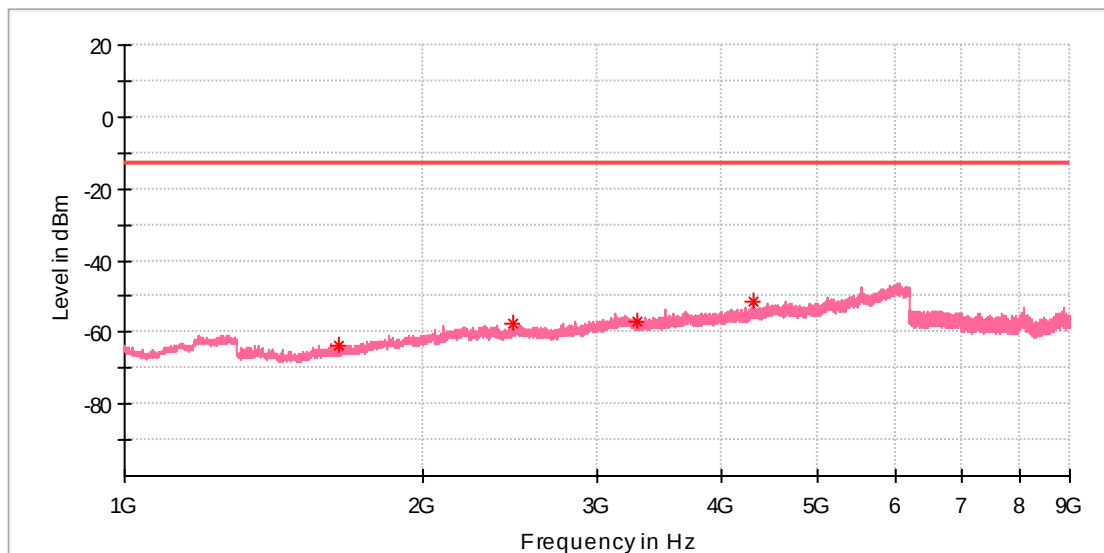
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1640.000000     | -63.35        | -13.00      | 50.35       | 100.0       | H   | 255.0         | -92.4      |
| 2476.000000     | -58.12        | -13.00      | 45.12       | 100.0       | H   | 60.0          | -88.0      |
| 3296.000000     | -56.51        | -13.00      | 43.51       | 100.0       | H   | 213.0         | -87.2      |
| 4791.000000     | -51.55        | -13.00      | 38.55       | 100.0       | H   | 213.0         | -83.8      |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX Low 15kHz QPSK 12@0          |
| Test Voltage:: | DC 3.8V                         |
| Remark:        | Temp 23 Humi:42%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1644.500000     | -63.99        | -13.00      | 50.99       | 100.0       | V   | 161.0         | -92.4      |
| 2465.500000     | -57.54        | -13.00      | 44.54       | 100.0       | V   | 314.0         | -88.1      |
| 3292.500000     | -56.76        | -13.00      | 43.76       | 100.0       | V   | 224.0         | -87.2      |
| 4309.500000     | -51.65        | -13.00      | 38.65       | 100.0       | V   | 335.0         | -85.0      |

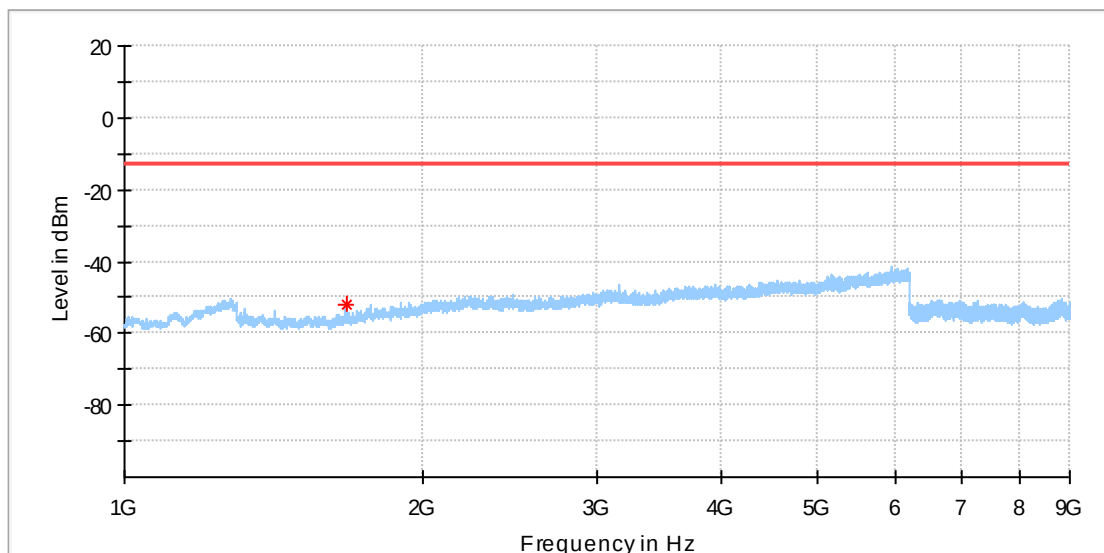
Produkte  
Products

Mid Channel  
3.75 kHz

## Test Report

### EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX Mid 3.75kHz QPSK 1@0         |
| Test Voltage:  | DC 3.8V                         |
| Remark:        | Temp 22 Humi:50%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



### Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1673.000000     | -51.73        | ---         | -13.00      | 38.73       | 100.0       | H   | 163.0         | -92.5      |

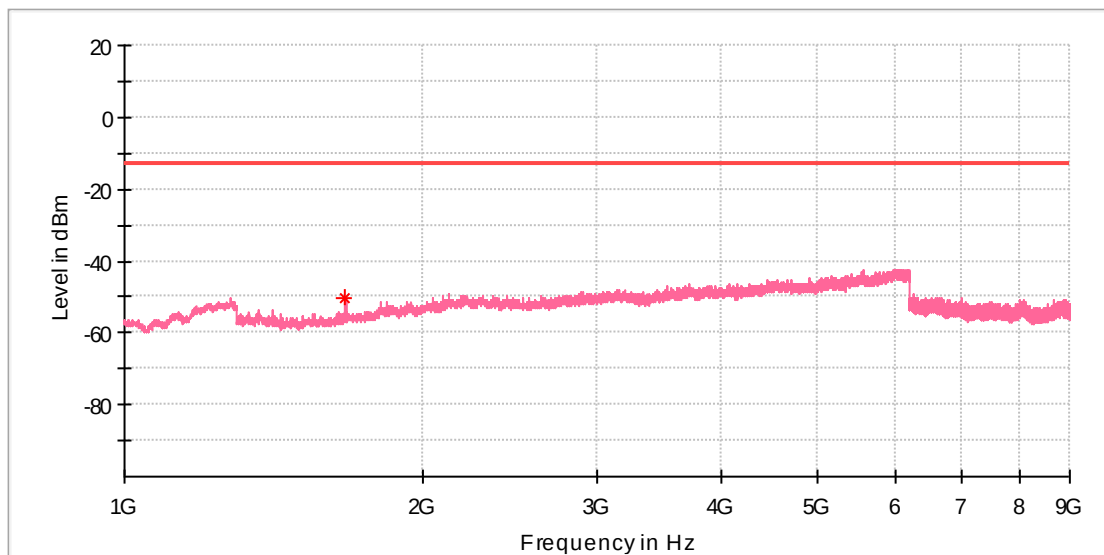
### Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         |     | ---           | ---        |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX Mid 3.75kHz QPSK 1@0         |
| Test Voltage:: | DC 3.8V                         |
| Remark:        | Temp 22 Humi:50%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1672.500000     | -50.57        | ---         | -13.00      | 37.57       | 100.0       | V   | 172.0         | -92.2      |

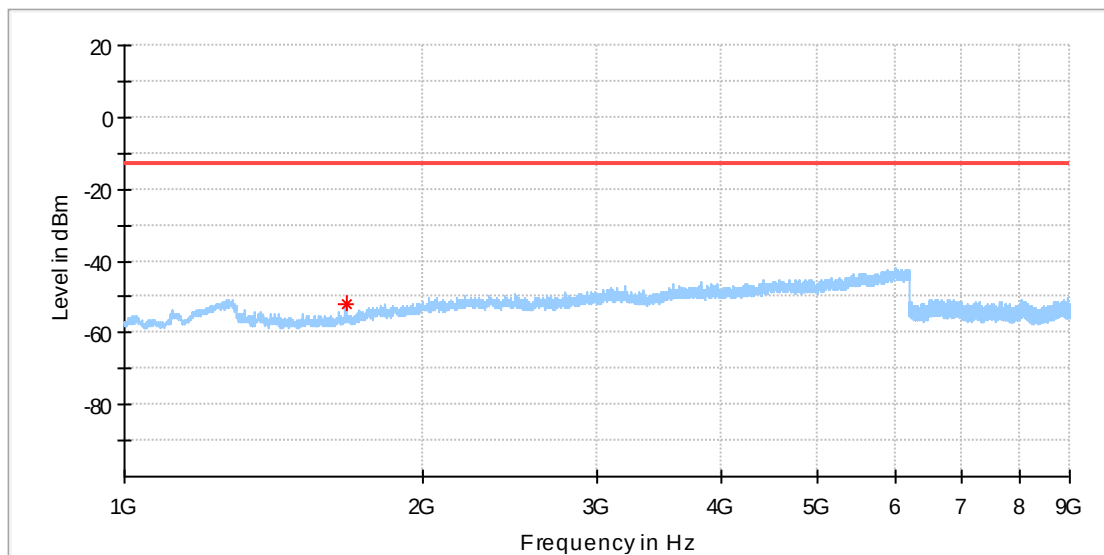
## Final\_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         |     | ---           | ---        |

# Test Report

## EUT Information

EUT Name: DATA TERMINAL MODULE  
Model: ME310G1-WW  
Test Mode: TX Mid 3.75kHz QPSK 1@47  
Test Voltage:: DC 3.8V  
Remark: Temp 22 Humi:50%  
Test Standard: FCC Part 22 and RSS-132 Issue 3  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1673.000000     | -52.09        | ---         | -13.00      | 39.09       | 100.0       | H   | 72.0          | -92.5      |

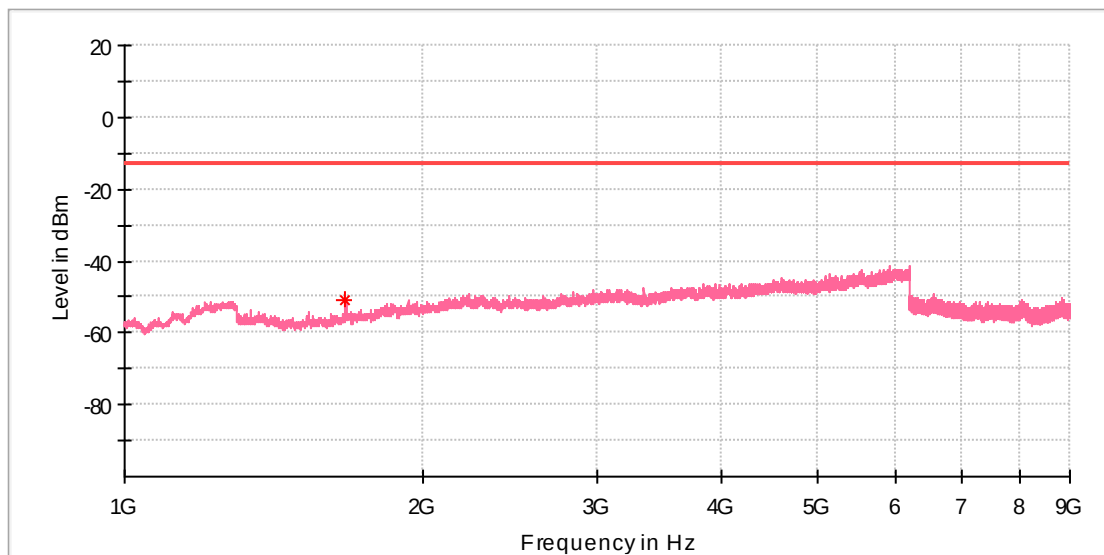
## Final\_Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         |     | ---           | ---        |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX Mid 3.75kHz QPSK 1@47        |
| Test Voltage:: | DC 3.8V                         |
| Remark:        | Temp 22 Humi:50%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1672.500000     | -50.99        | ---         | -13.00      | 37.99       | 100.0       | V   | 182.0         | -92.2      |

## Final\_Result

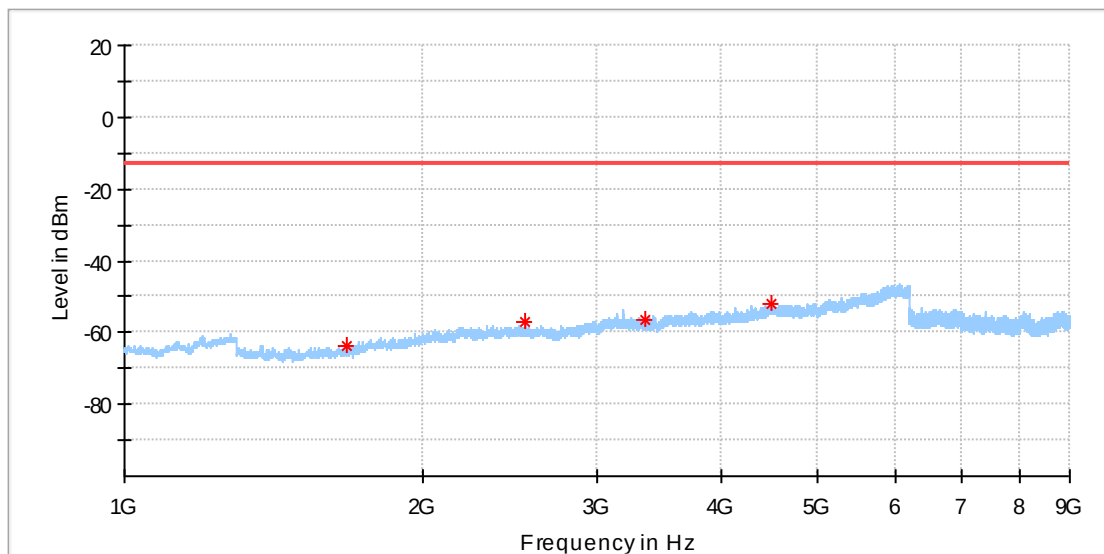
| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         | --- | ---           | ---        |

15 kHz

## Test Report

### EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX Mid 15kHz BPSK 1@0           |
| Test Voltage:  | DC 3.8V                         |
| Remark:        | Temp 23 Humi:42%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



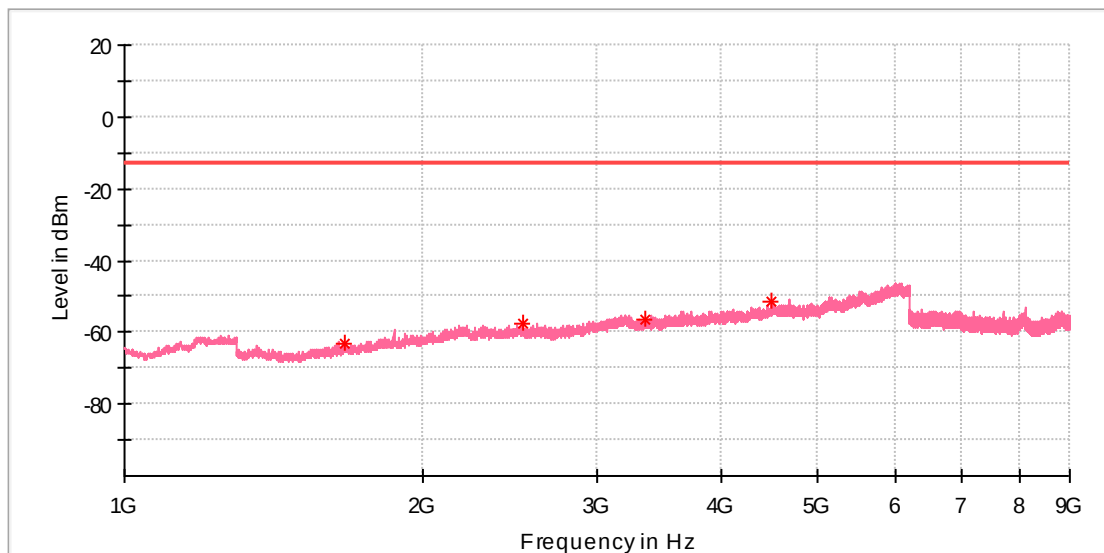
### Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1676.000000     | -63.82        | -13.00      | 50.82       | 100.0       | H   | 224.0         | -92.4      |
| 2543.000000     | -57.23        | -13.00      | 44.23       | 100.0       | H   | 259.0         | -88.3      |
| 3348.500000     | -56.22        | -13.00      | 43.22       | 100.0       | H   | 140.0         | -87.3      |
| 4497.000000     | -51.80        | -13.00      | 38.80       | 100.0       | H   | 231.0         | -83.8      |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| TestMode:      | TX Mid 15kHz BPSK 1@0           |
| TestVoltage::  | DC 3.8V                         |
| Remark:        | Temp 23 Humi:42%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



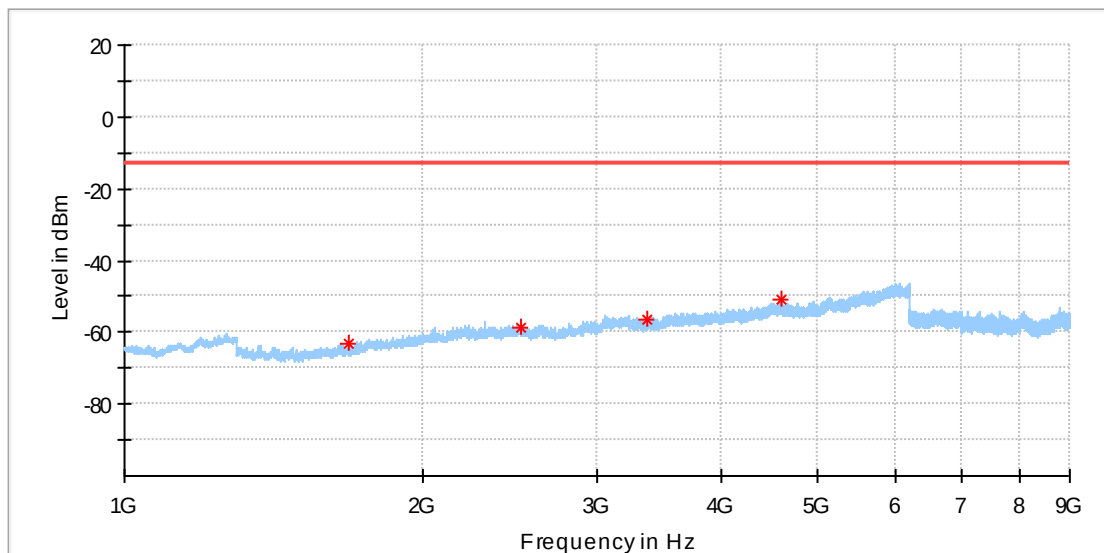
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1668.500000     | -63.39        | -13.00      | 50.39       | 100.0       | V   | 11.0          | -92.2      |
| 2529.500000     | -57.76        | -13.00      | 44.76       | 100.0       | V   | 157.0         | -88.4      |
| 3347.500000     | -56.63        | -13.00      | 43.63       | 100.0       | V   | 268.0         | -87.3      |
| 4497.000000     | -51.50        | -13.00      | 38.50       | 100.0       | V   | 331.0         | -83.8      |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| TestMode:      | TX Mid 15kHz BPSK 1@11          |
| TestVoltage::  | DC 3.8V                         |
| Remark:        | Temp 23 Humi:42%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



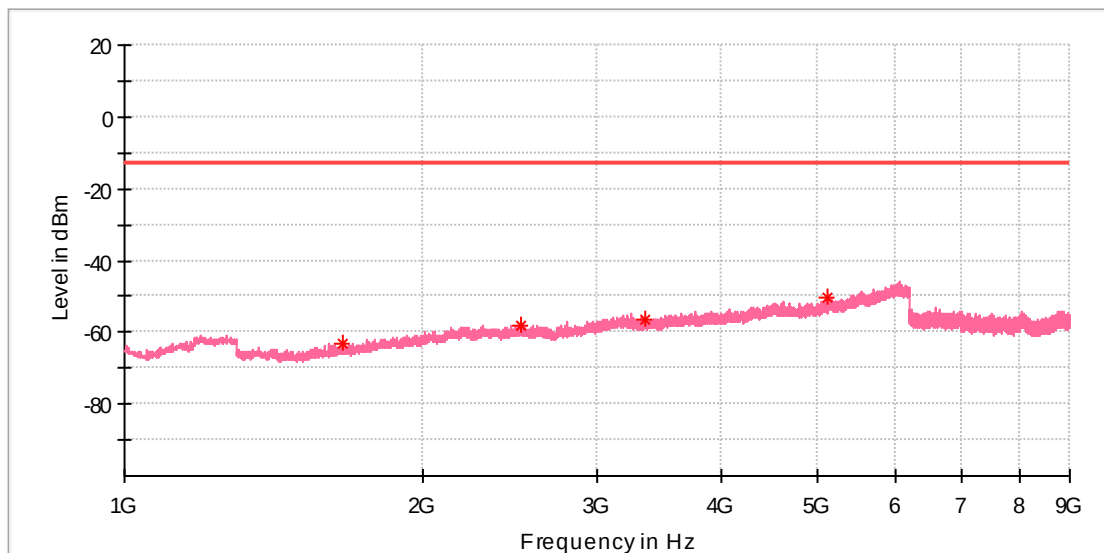
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1684.000000     | -63.42        | -13.00      | 50.42       | 100.0       | H   | 246.0         | -92.4      |
| 2509.000000     | -58.66        | -13.00      | 45.66       | 100.0       | H   | 3.0           | -88.3      |
| 3372.500000     | -56.28        | -13.00      | 43.28       | 100.0       | H   | 337.0         | -87.4      |
| 4599.000000     | -50.93        | -13.00      | 37.93       | 100.0       | H   | 33.0          | -83.7      |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| TestMode:      | TX Mid 15kHz BPSK 1@11          |
| TestVoltage::  | DC 3.8V                         |
| Remark:        | Temp 23 Humi:42%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



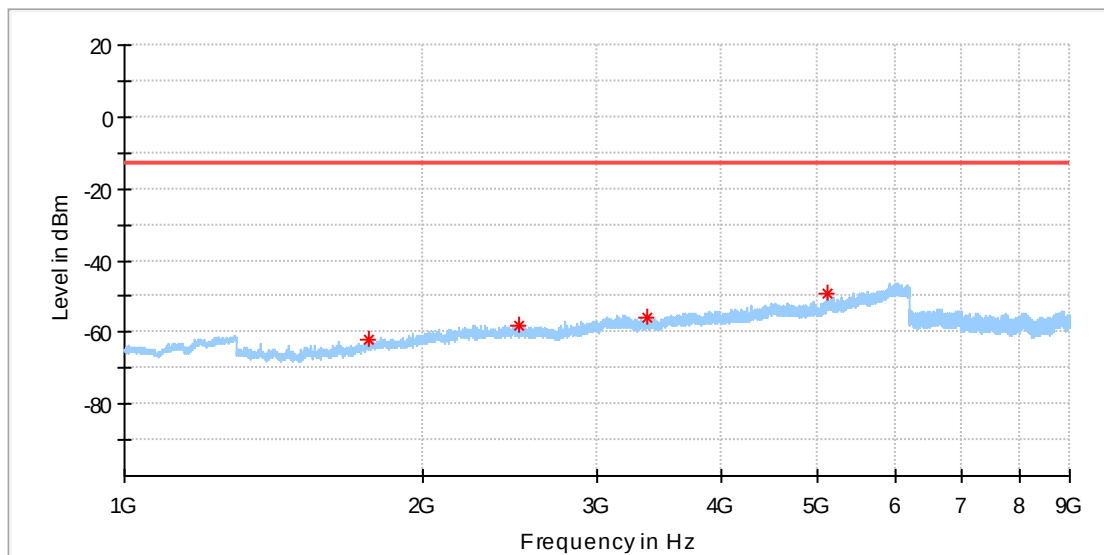
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1659.000000     | -63.33        | -13.00      | 50.33       | 100.0       | V   | 354.0         | -92.3      |
| 2514.000000     | -58.28        | -13.00      | 45.28       | 100.0       | V   | 209.0         | -88.2      |
| 3347.000000     | -56.42        | -13.00      | 43.42       | 100.0       | V   | 359.0         | -87.3      |
| 5123.000000     | -50.25        | -13.00      | 37.25       | 100.0       | V   | 160.0         | -83.1      |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| TestMode:      | TX Mid 15kHz QPSK 12@0          |
| TestVoltage::  | DC 3.8V                         |
| Remark:        | Temp 23 Humi:42%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



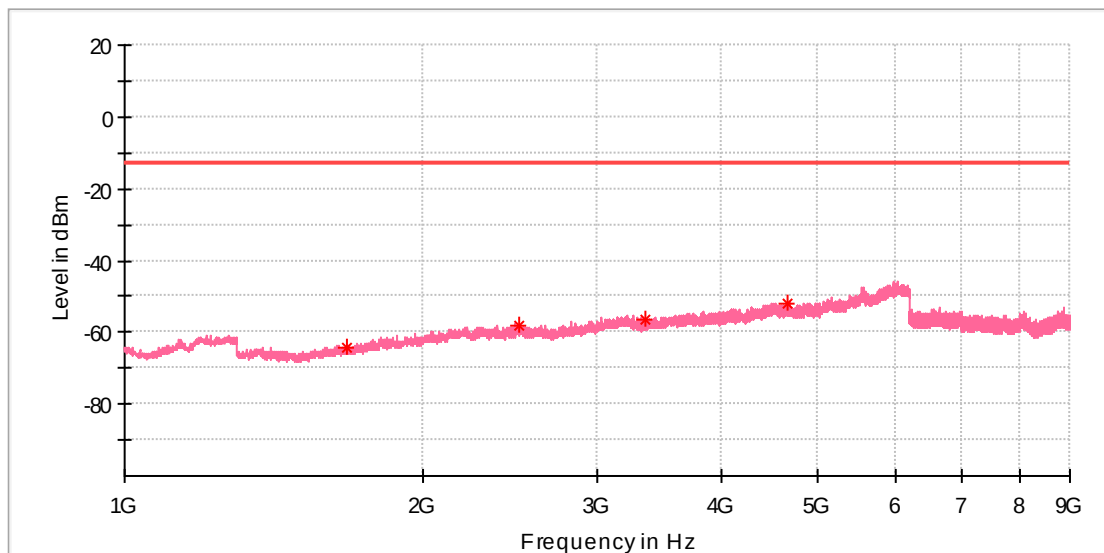
## Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1762.500000     | -62.06        | -13.00      | 49.06       | 100.0       | H   | 359.0         | -90.5      |
| 2505.000000     | -58.26        | -13.00      | 45.27       | 100.0       | H   | 0.0           | -88.3      |
| 3372.000000     | -56.06        | -13.00      | 43.06       | 100.0       | H   | 312.0         | -87.4      |
| 5123.000000     | -49.44        | -13.00      | 36.44       | 100.0       | H   | 333.0         | -83.0      |

# Test Report

## EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX Mid 15kHz QPSK 12@0          |
| Test Voltage:: | DC 3.8V                         |
| Remark:        | Temp 23 Humi:42%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



## Critical Freqs

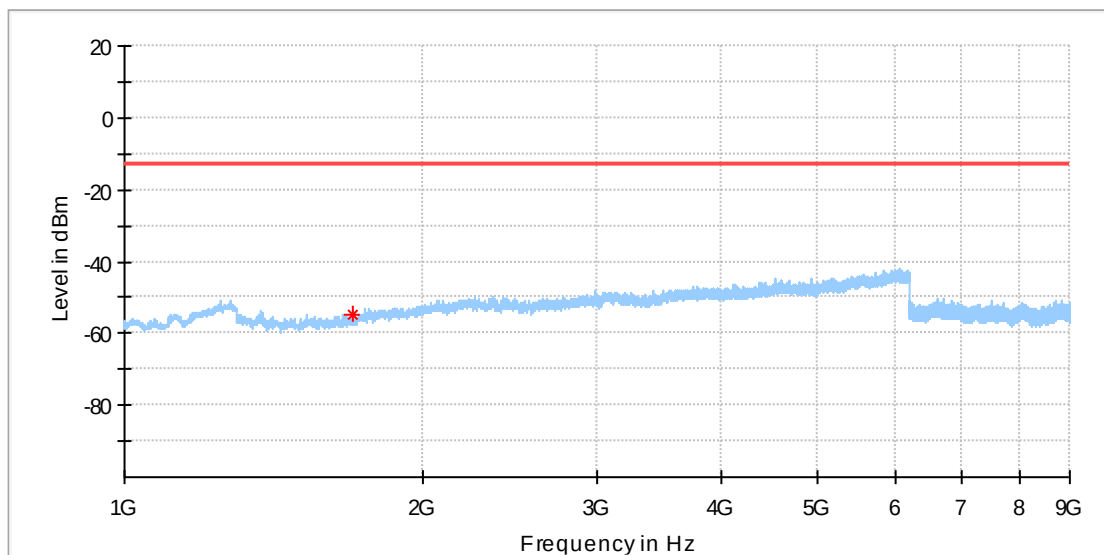
| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| 1674.500000     | -64.08        | -13.00      | 51.08       | 100.0       | V   | 282.0         | -92.1      |
| 2501.000000     | -58.36        | -13.00      | 45.36       | 100.0       | V   | 324.0         | -88.1      |
| 3348.000000     | -56.43        | -13.00      | 43.43       | 100.0       | V   | 6.0           | -87.3      |
| 4659.000000     | -52.05        | -13.00      | 39.05       | 100.0       | V   | 46.0          | -83.7      |

High Channel  
3.75 kHz

## Test Report

### EUT Information

|                |                                 |
|----------------|---------------------------------|
| EUT Name:      | DATA TERMINAL MODULE            |
| Model:         | ME310G1-WW                      |
| Test Mode:     | TX High 3.75kHz QPSK 1@0        |
| Test Voltage:: | DC 3.8V                         |
| Remark:        | Temp 22 Humi:50%                |
| Test Standard: | FCC Part 22 and RSS-132 Issue 3 |
| Tested By:     | Kei Zhang                       |
| Reviewed By:   | Terry Yin                       |



### Critical Freqs

| Frequency (MHz) | MaxPeak (dBm) | DET 2 (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-------------|-----|---------------|------------|
| 1701.500000     | -54.78        | ---         | -13.00      | 41.78       | 100.0       | H   | 131.0         | -92.3      |

### Final Result

| Frequency (MHz) | MaxPeak (dBm) | Limit (dBm) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|-----------------|---------------|-------------|-------------|-------------|-----|---------------|------------|
| ---             | ---           | ---         | ---         | ---         |     | ---           | ---        |