

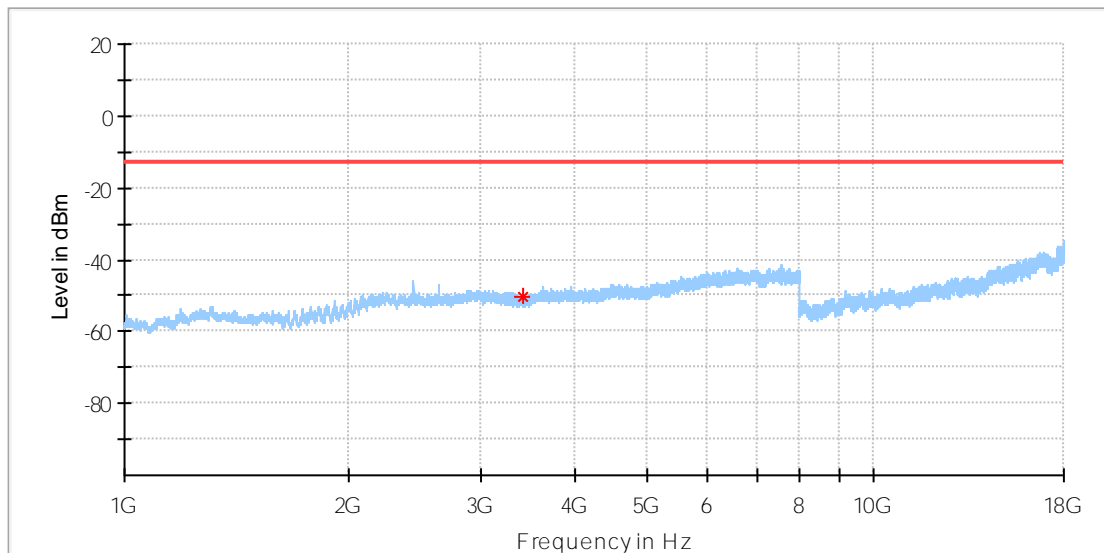
Produkte  
Products

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
3419.000000	-50.54	--	-13.00	37.54	100.0	H	231.0	-87.9

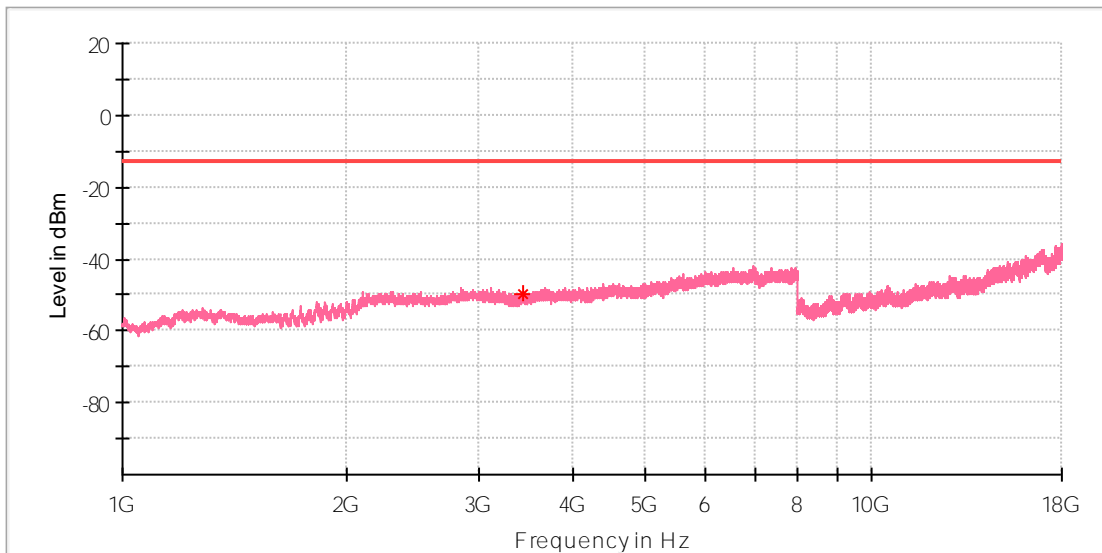
### Final\_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 3.75kHzQPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
3420.500000	-49.49	--	-13.00	36.49	100.0	V	115.0	-87.7

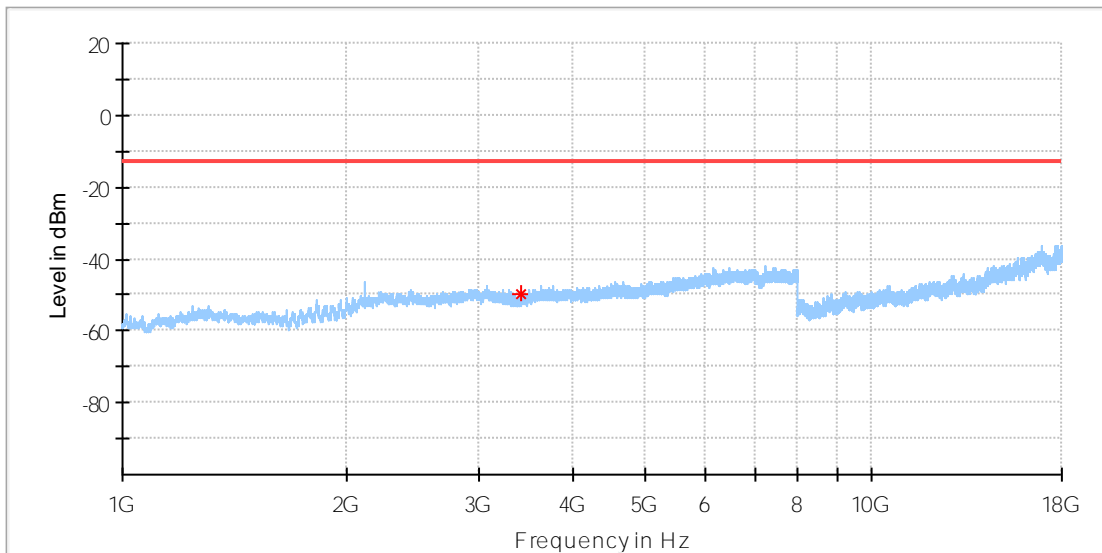
## Final\_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 3.75kHzQPSK 1 @47
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
3418.500000	-50.03	--	-13.00	37.03	100.0	H	91.0	-87.9

## Final\_Result

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

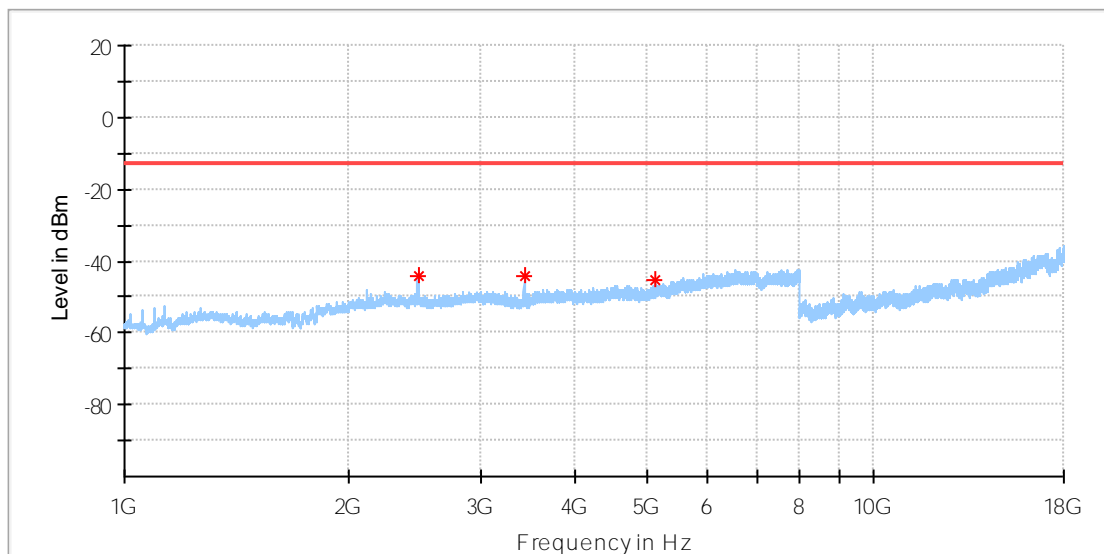


15 kHz

## 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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



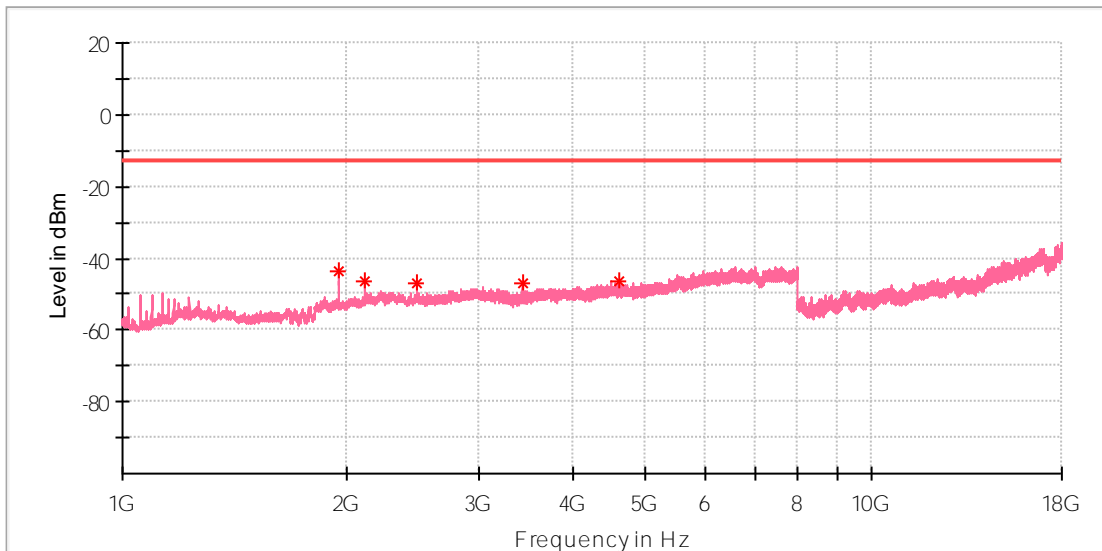
### Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2468.500000	-44.05	-13.00	31.05	100.0	H	242.0	-87.9
3420.500000	-44.27	-13.00	31.27	100.0	H	6.0	-87.9
5130.000000	-45.40	-13.00	32.40	100.0	H	0.0	-84.8

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VV
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



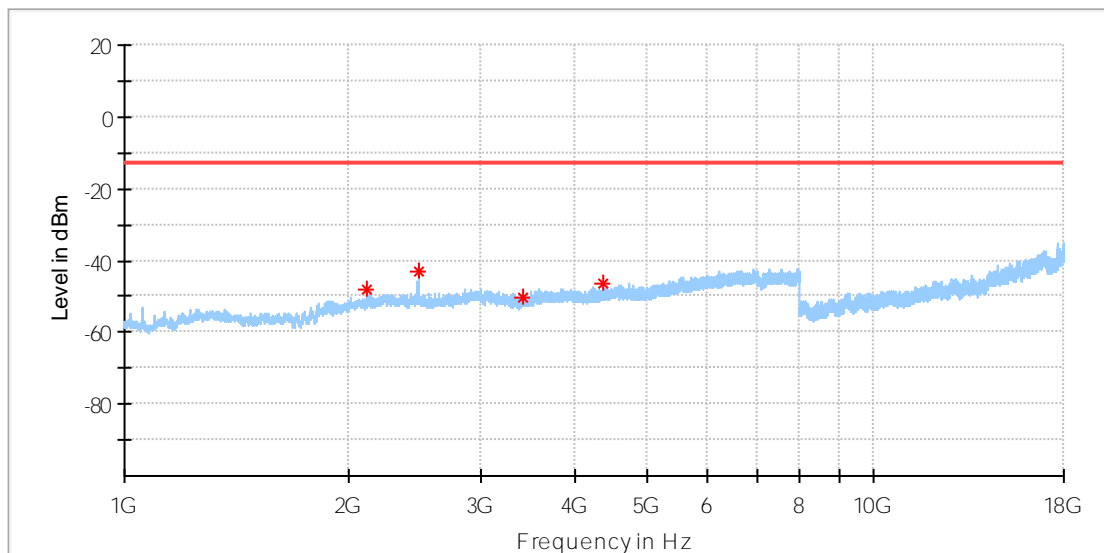
## Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1943.500000	-43.77	-13.00	30.77	100.0	V	79.0	-89.6
2110.500000	-46.39	-13.00	33.39	100.0	V	62.0	-88.5
2474.500000	-47.05	-13.00	34.05	100.0	V	166.0	-88.0
3420.000000	-46.73	-13.00	33.73	100.0	V	40.0	-87.7
4614.000000	-46.16	-13.00	33.16	100.0	V	95.0	-85.7

# 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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



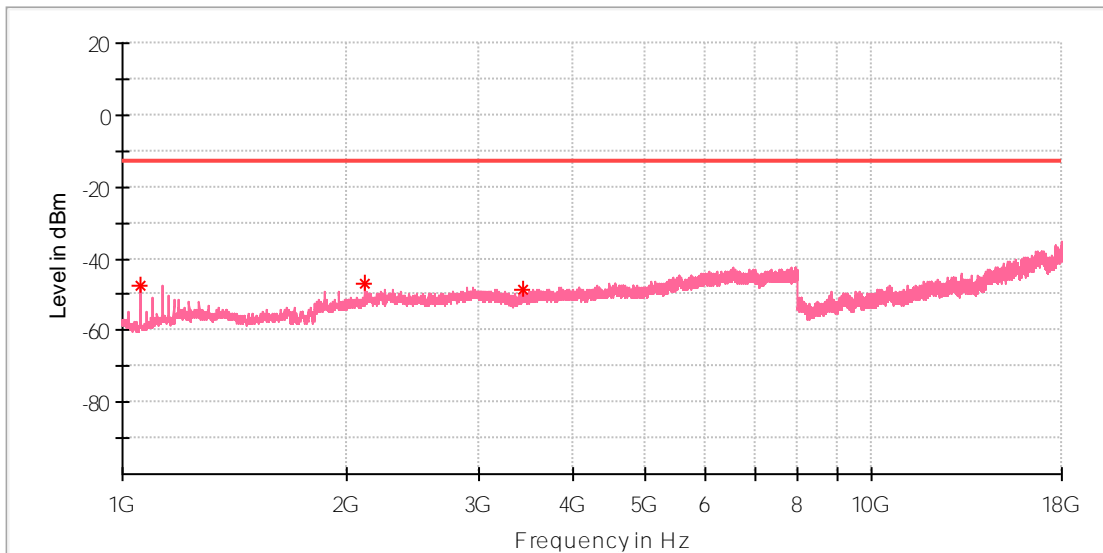
## Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2109.500000	-48.27	-13.00	35.27	100.0	H	233.0	-89.0
2469.000000	-43.09	-13.00	30.09	100.0	H	337.0	-87.9
3418.500000	-50.37	-13.00	37.37	100.0	H	113.0	-87.9
4353.500000	-46.44	-13.00	33.44	100.0	H	210.0	-86.4

# 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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

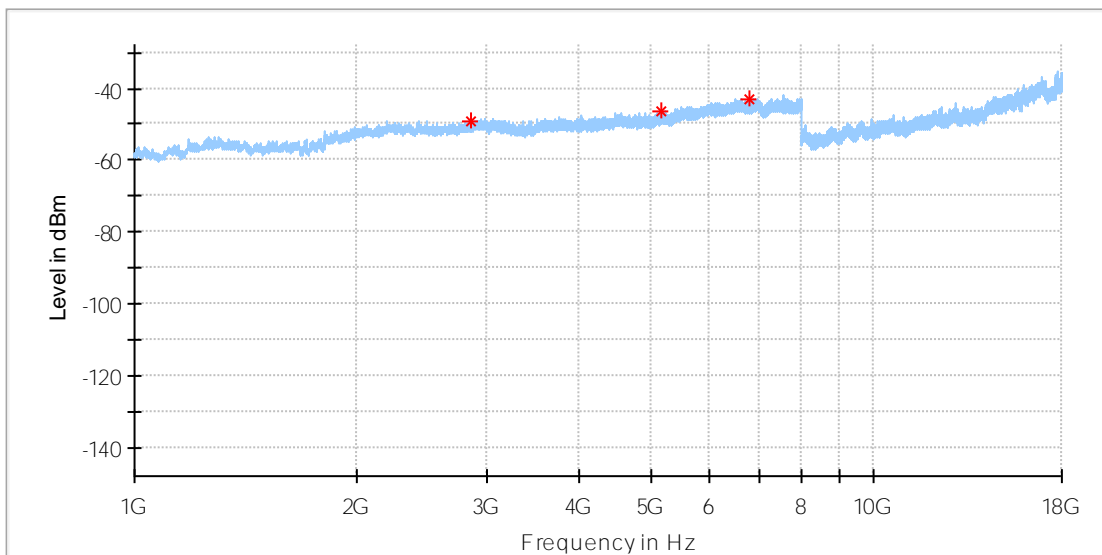
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1056.000000	-47.33	-13.00	34.33	100.0	V	215.0	-96.6
2110.500000	-46.87	-13.00	33.87	100.0	V	0.0	-88.5
3420.000000	-48.78	-13.00	35.78	100.0	V	66.0	-87.7



# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



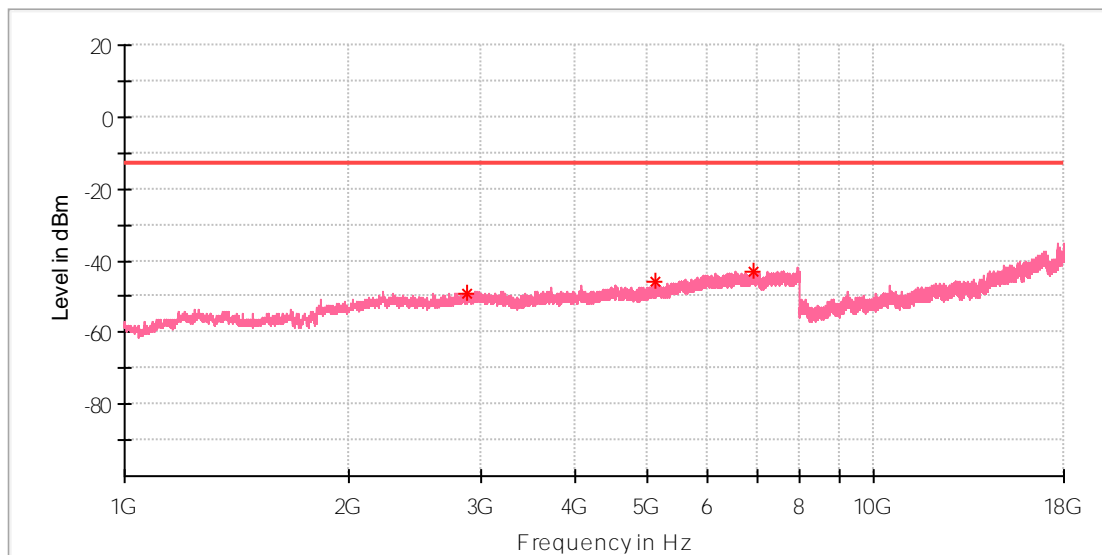
## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2854.000000	-49.12	-13.00	36.12	100.0	H	128.0	-87.3
5166.000000	-46.33	-13.00	33.33	100.0	H	0.0	-84.6
6805.000000	-43.18	-13.00	30.18	100.0	H	82.0	-81.5

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VW
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

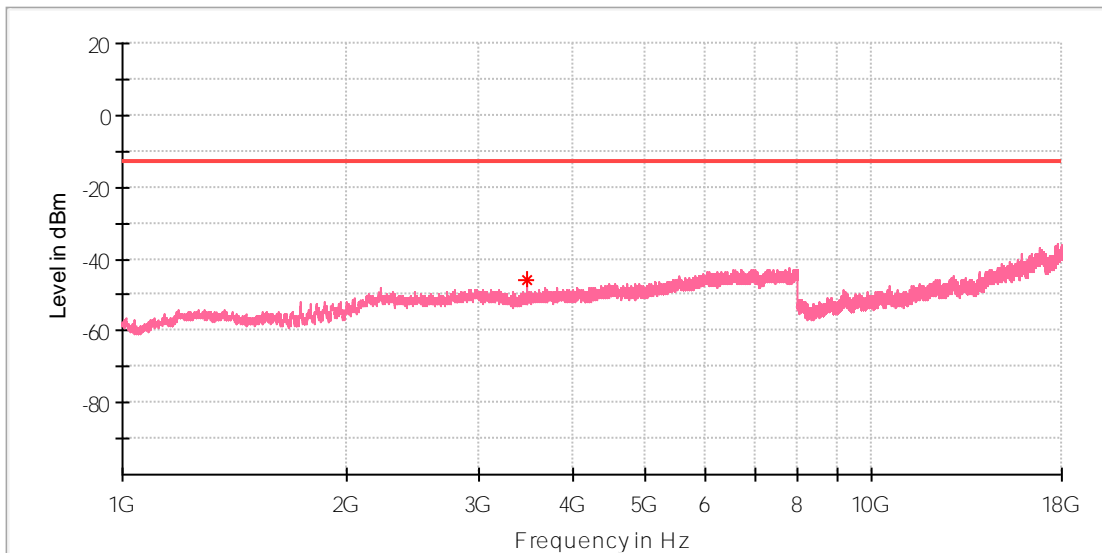
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2866.500000	-49.27	-13.00	36.27	100.0	V	36.0	-86.8
5114.500000	-46.05	-13.00	33.05	100.0	V	108.0	-85.0
6925.500000	-43.28	-13.00	30.28	100.0	V	60.0	-81.2



# 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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
3464.500000	-46.10	--	-13.00	33.10	100.0	V	0.0	-87.8

## Final\_Result

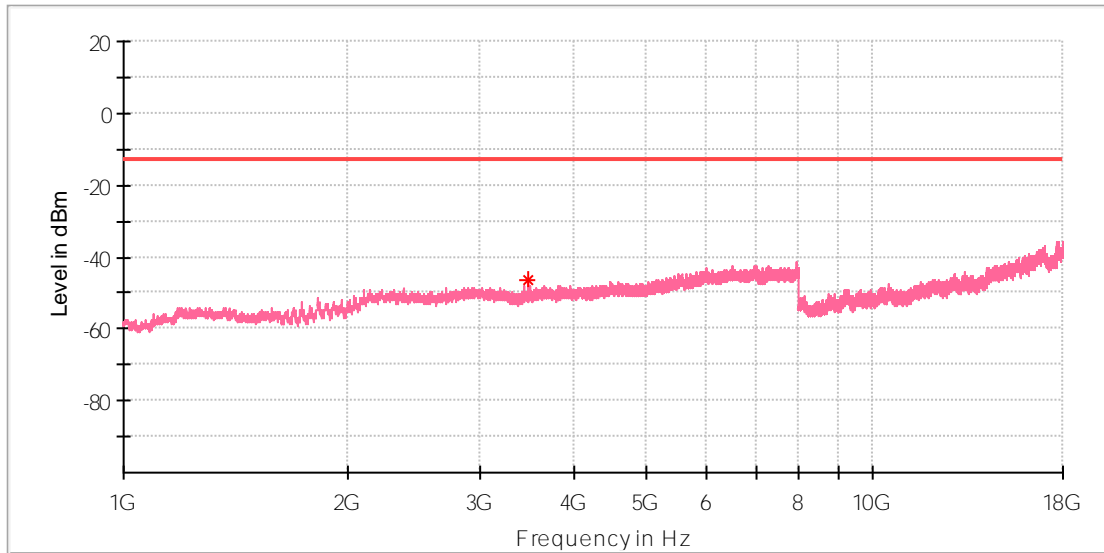
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---		---	---



# 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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
3464.500000	-46.63	--	-13.00	33.63	100.0	V	62.0	-87.8

## Final\_Result

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

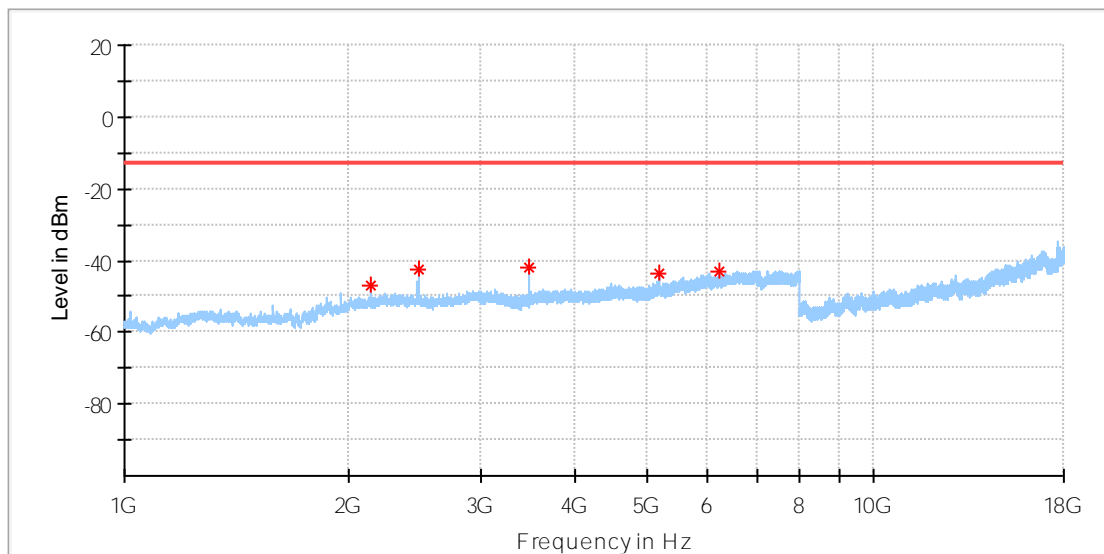
Produkte  
Products

15 kHz

## 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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



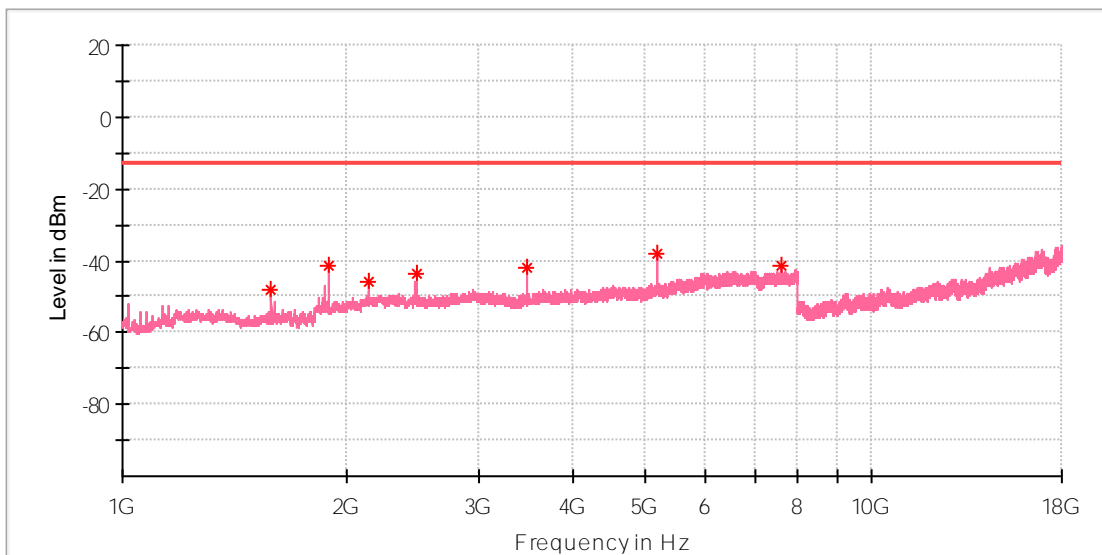
### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2132.500000	-46.81	-13.00	33.81	100.0	H	81.0	-88.2
2469.000000	-42.60	-13.00	29.60	100.0	H	4.0	-87.9
3465.000000	-41.90	-13.00	28.90	100.0	H	301.0	-88.1
5197.500000	-43.38	-13.00	30.38	100.0	H	0.0	-84.8
6232.000000	-42.95	-13.00	29.95	100.0	H	205.0	-82.1

# 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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

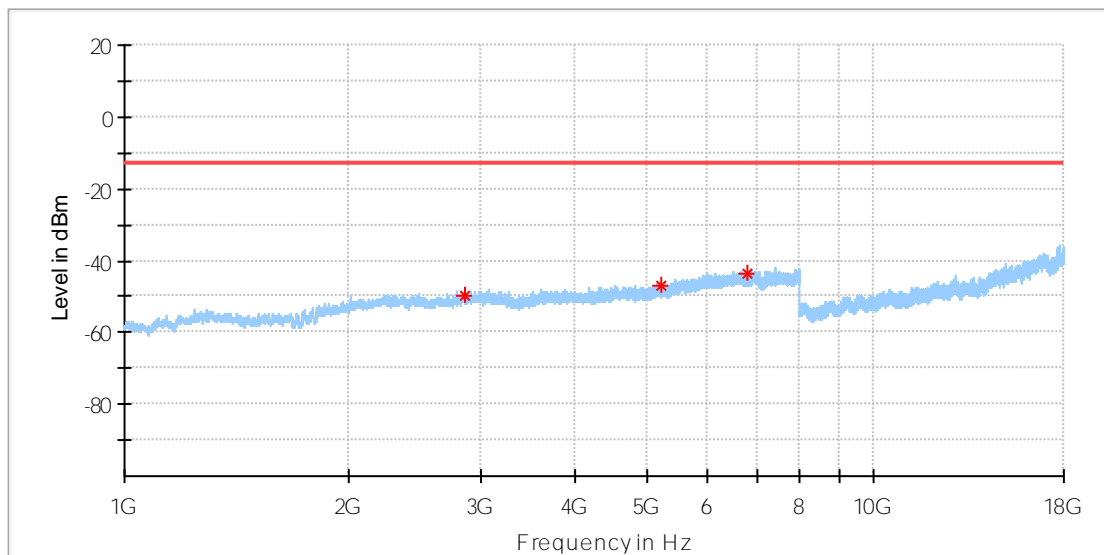
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1582.000000	-48.29	-13.00	35.29	100.0	V	134.0	-93.0
1883.000000	-41.56	-13.00	28.56	100.0	V	105.0	-90.2
2132.000000	-46.13	-13.00	33.13	100.0	V	53.0	-87.7
2468.500000	-43.59	-13.00	30.59	100.0	V	348.0	-88.1
3465.000000	-42.20	-13.00	29.20	100.0	V	65.0	-87.8
5197.500000	-38.30	-13.00	25.30	100.0	V	30.0	-84.8
7580.000000	-41.62	-13.00	28.62	100.0	V	155.0	-79.4



# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



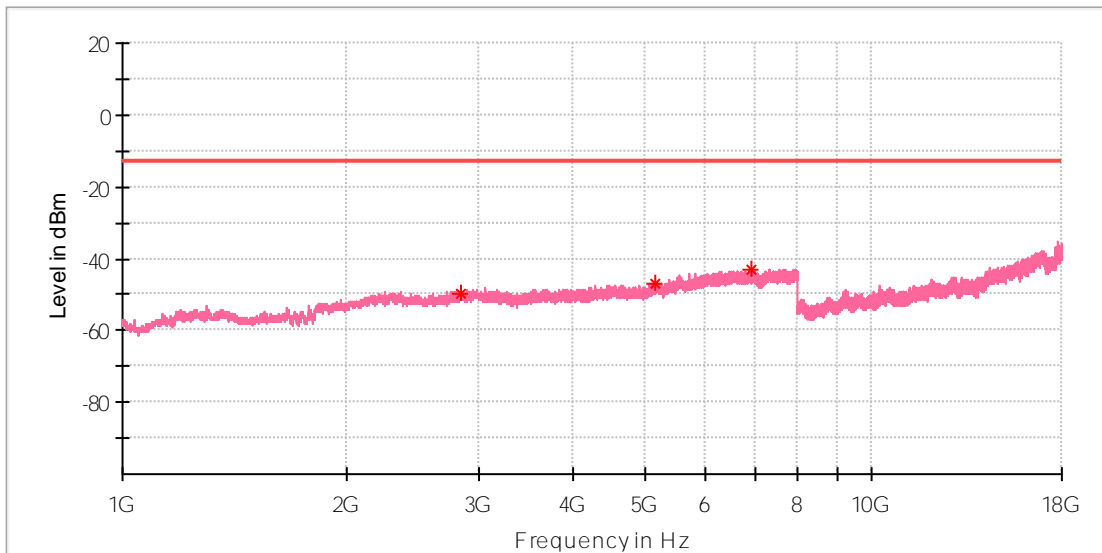
## Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2843.000000	-49.78	-13.00	36.78	100.0	H	357.0	-87.7
5203.500000	-46.74	-13.00	33.74	100.0	H	7.0	-84.9
6812.000000	-43.75	-13.00	30.75	100.0	H	209.0	-81.4

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



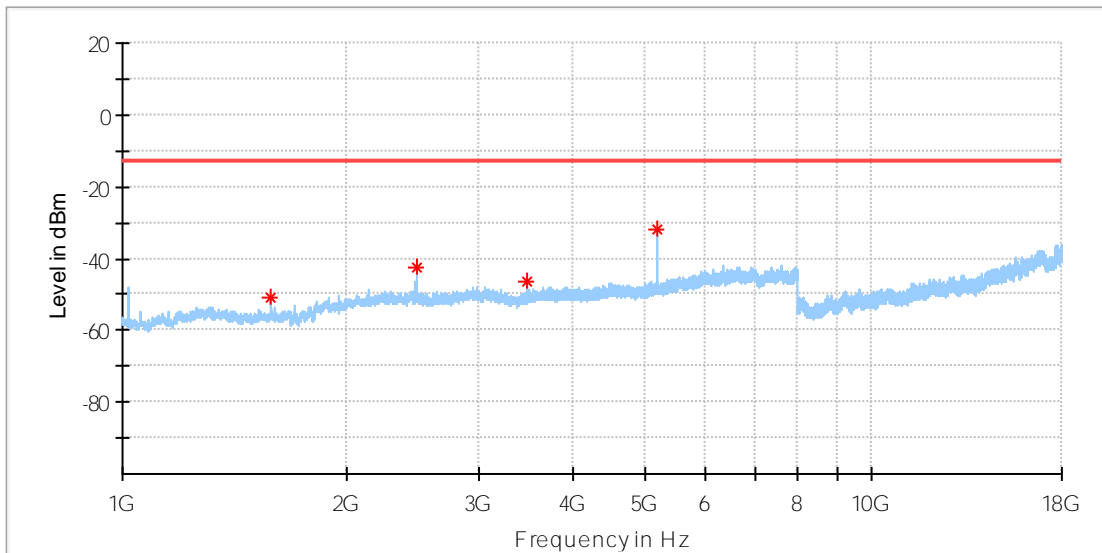
## Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2839.500000	-49.55	-13.00	36.55	100.0	V	12.0	-87.4
5148.000000	-47.03	-13.00	34.03	100.0	V	277.0	-84.7
6919.000000	-42.88	-13.00	29.88	100.0	V	312.0	-81.2

# 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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



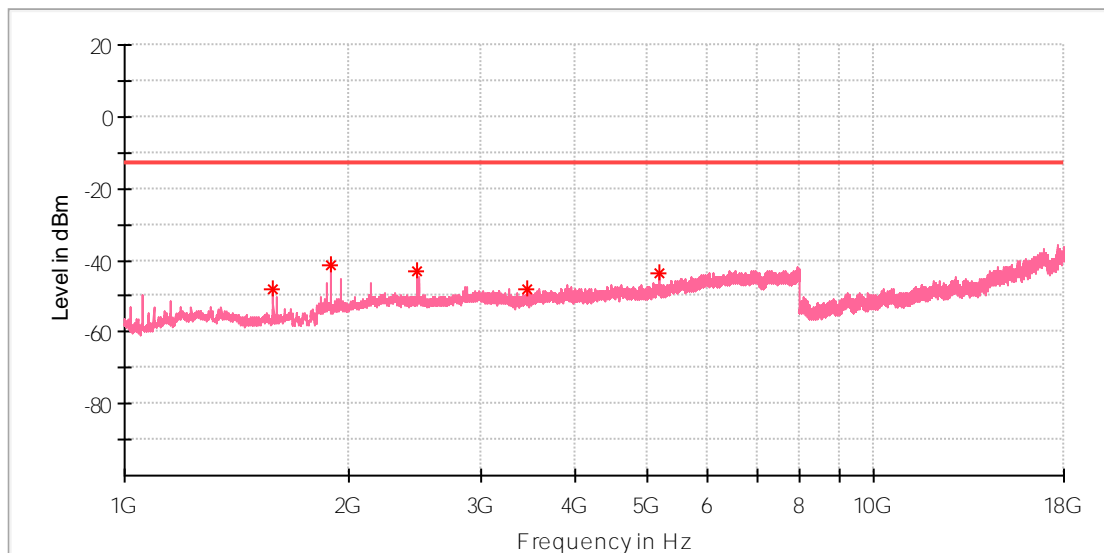
## Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1581.500000	-50.74	-13.00	37.74	100.0	H	25.0	-92.9
2468.000000	-42.62	-13.00	29.62	100.0	H	280.0	-87.9
3464.500000	-46.31	-13.00	33.31	100.0	H	316.0	-88.1
5197.000000	-31.63	-13.00	18.63	100.0	H	58.0	-84.8

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VW
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

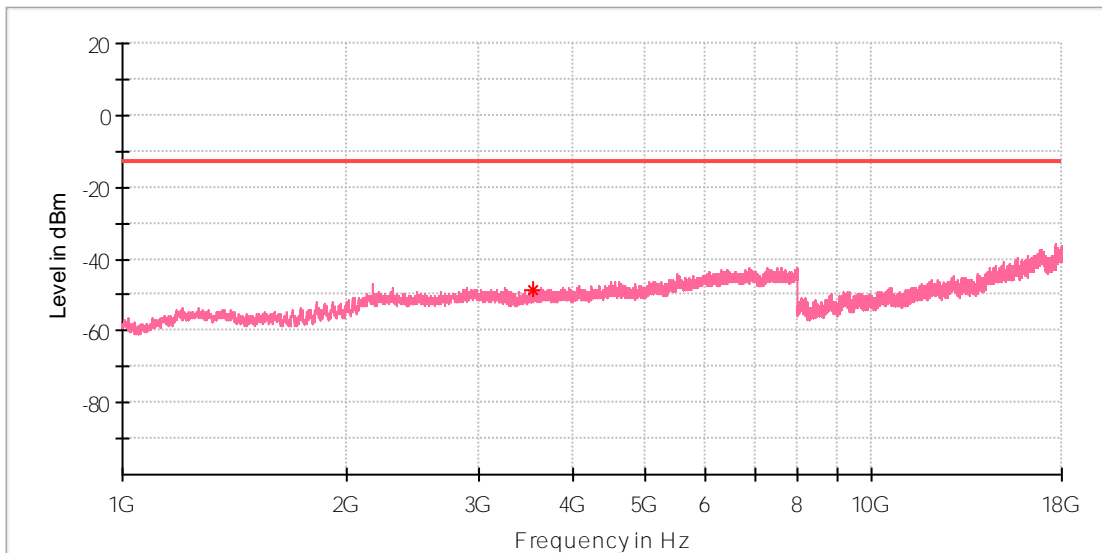
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1581.500000	-48.20	-13.00	35.20	100.0	V	133.0	-93.0
1883.000000	-41.19	-13.00	28.19	100.0	V	121.0	-90.2
2461.000000	-43.13	-13.00	30.13	100.0	V	110.0	-88.1
3461.500000	-48.09	-13.00	35.09	100.0	V	150.0	-87.8
5197.000000	-43.38	-13.00	30.38	100.0	V	322.0	-84.8



# 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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
3529.500000	-48.79	--	-13.00	35.79	100.0	V	273.0	-87.2

## Final\_Result

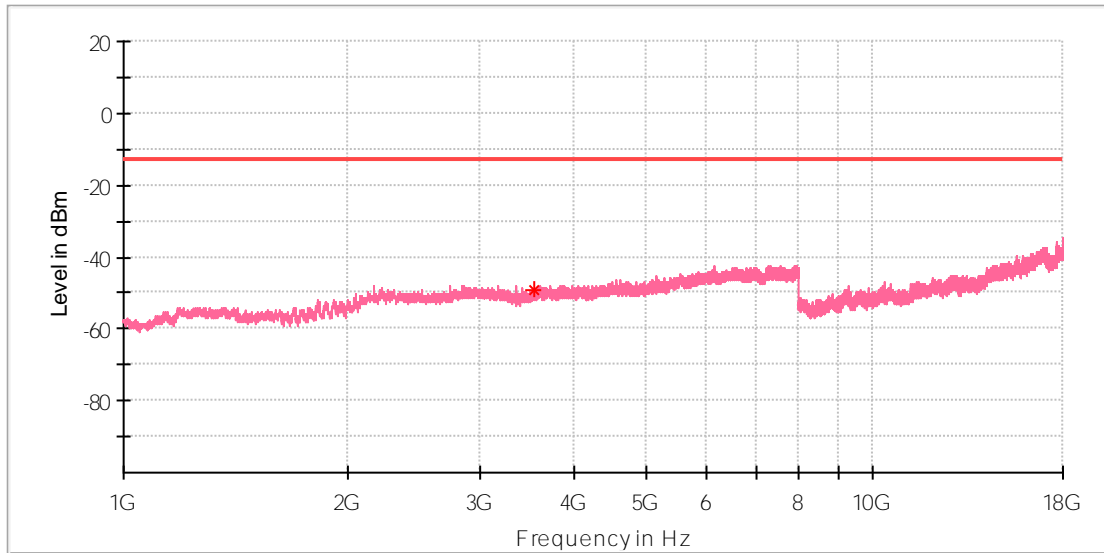
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---		---	---



# 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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
3526.500000	-49.08	--	-13.00	36.08	100.0	V	187.0	-87.3

## Final\_Result

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

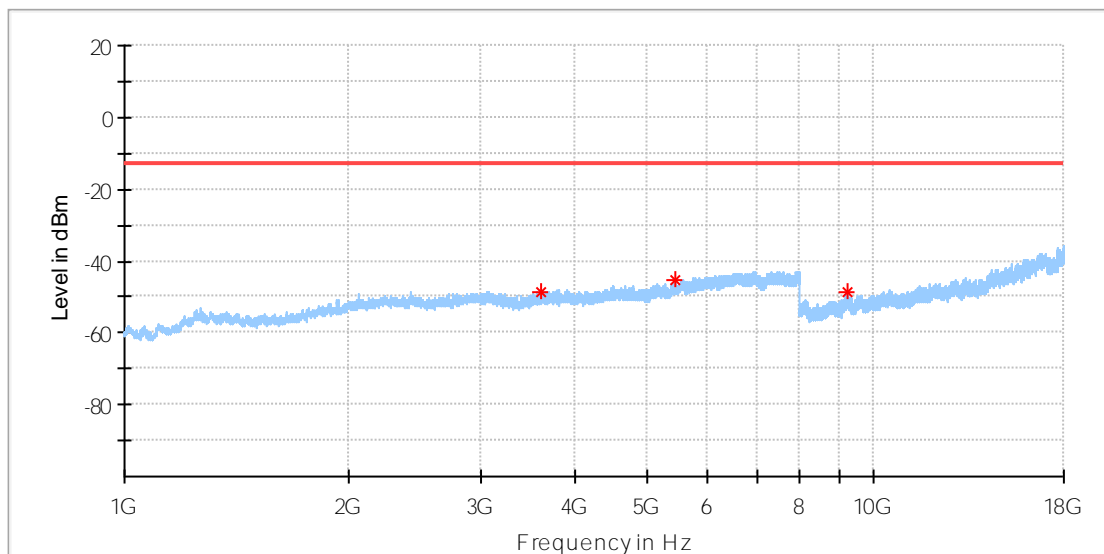


15 kHz

## Test Report

### EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz BPSK 1 @0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



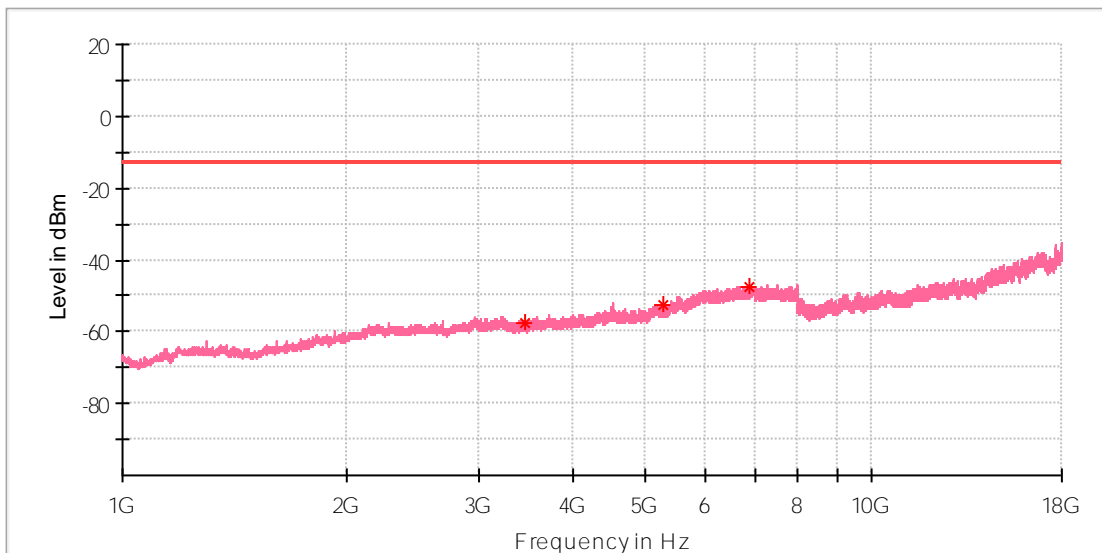
### Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3600.500000	-48.45	-13.00	35.45	100.0	H	123.0	-86.8
5431.000000	-45.28	-13.00	32.28	100.0	H	221.0	-83.8
9240.000000	-48.91	-13.00	35.91	100.0	H	164.0	-84.0

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz BPSK 1 @0
Test Voltage:	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



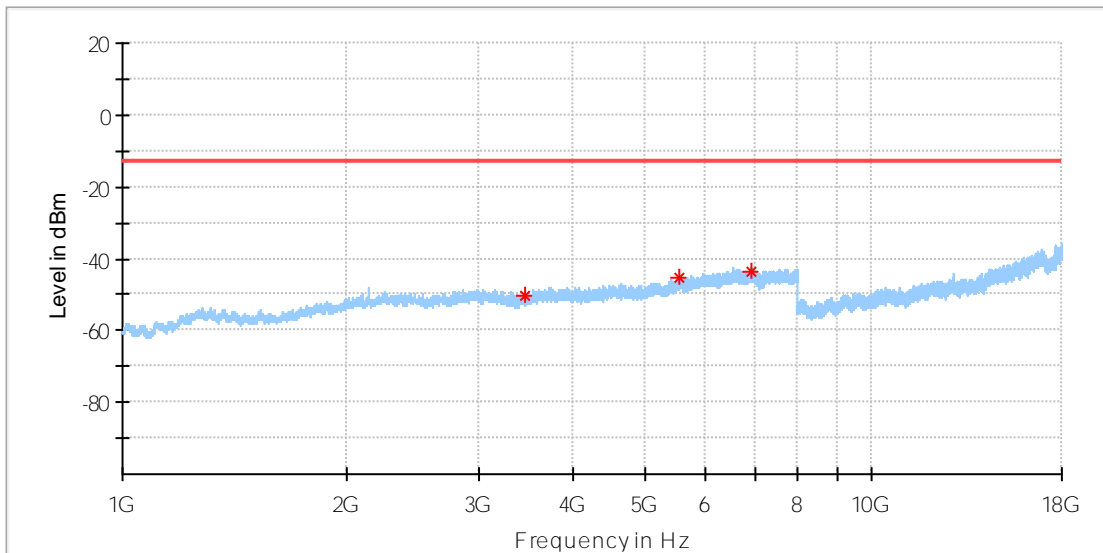
## Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3444.000000	-57.55	-13.00	44.55	100.0	V	329.0	-87.5
5267.500000	-52.45	-13.00	39.45	100.0	V	10.0	-85.1
6868.500000	-47.39	-13.00	34.39	100.0	V	10.0	-81.4

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz BPSK 1@11
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



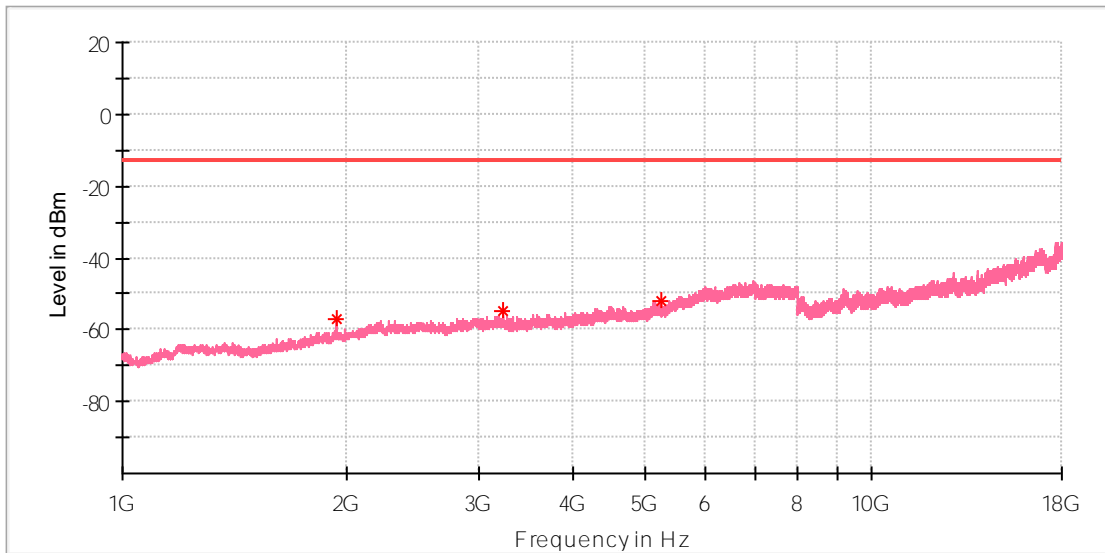
## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3458.500000	-50.52	-13.00	37.52	100.0	H	294.0	-88.0
5550.500000	-45.11	-13.00	32.11	100.0	H	294.0	-83.2
6924.000000	-43.71	-13.00	30.71	100.0	H	51.0	-81.0

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz BPSK 1@11
Test Voltage:	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



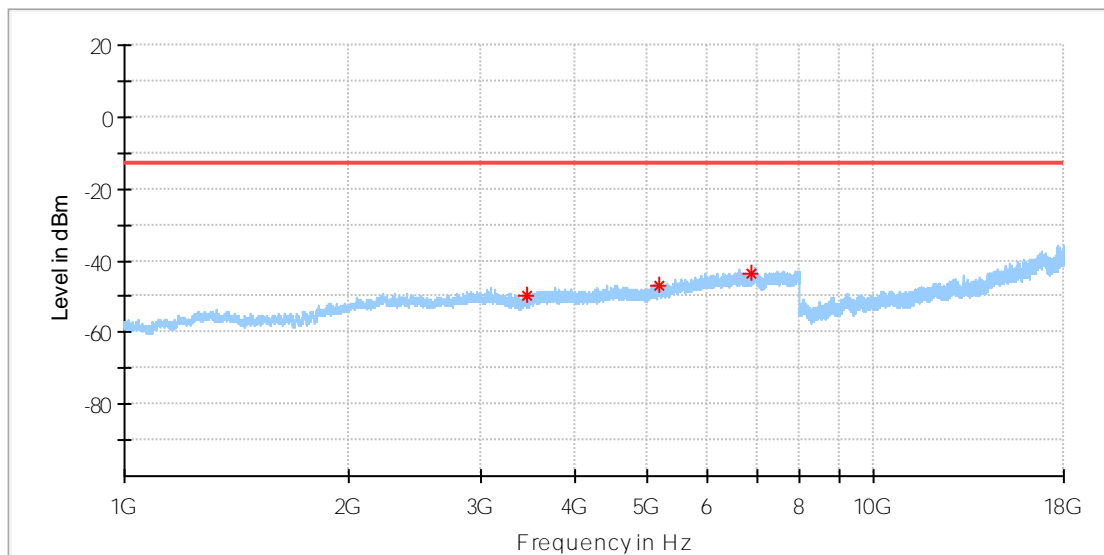
## Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1930.000000	-57.18	-13.00	44.18	100.0	V	242.0	-89.5
3216.500000	-54.95	-13.00	41.95	100.0	V	185.0	-87.2
5261.000000	-51.80	-13.00	38.80	100.0	V	338.0	-85.0

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



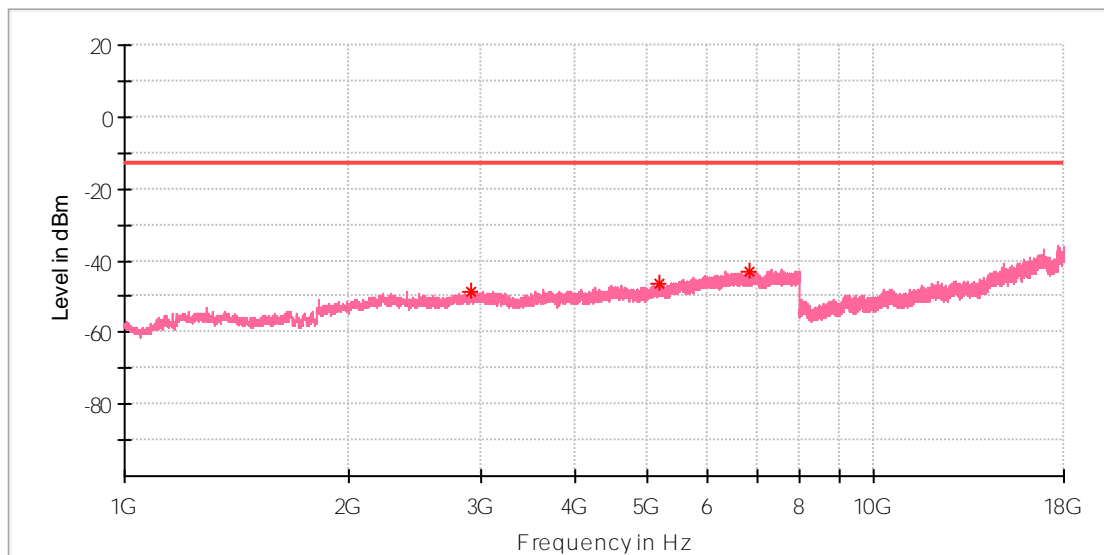
## Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3442.500000	-49.55	-13.00	36.55	100.0	H	28.0	-87.8
5196.500000	-46.75	-13.00	33.75	100.0	H	111.0	-84.8
6863.000000	-43.67	-13.00	30.67	100.0	H	320.0	-81.3

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VW
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage:	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
2908.000000	-48.61	-13.00	35.61	100.0	V	271.0	-87.2
5169.500000	-46.24	-13.00	33.24	100.0	V	291.0	-84.6
6846.000000	-43.31	-13.00	30.31	100.0	V	187.0	-81.4

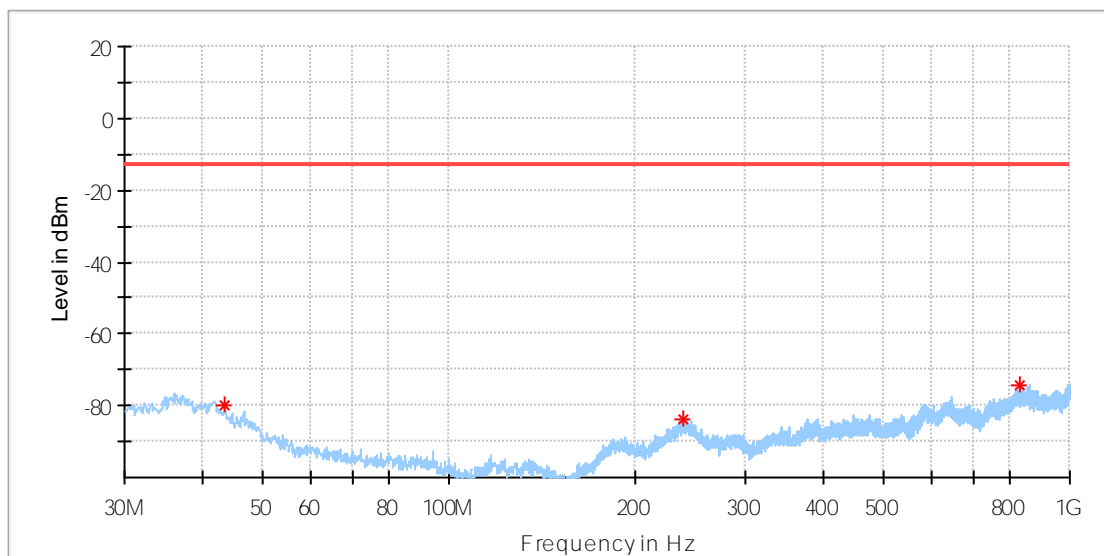
## Appendix L.3: Field Strength of Spurious Radiation for Band 5

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



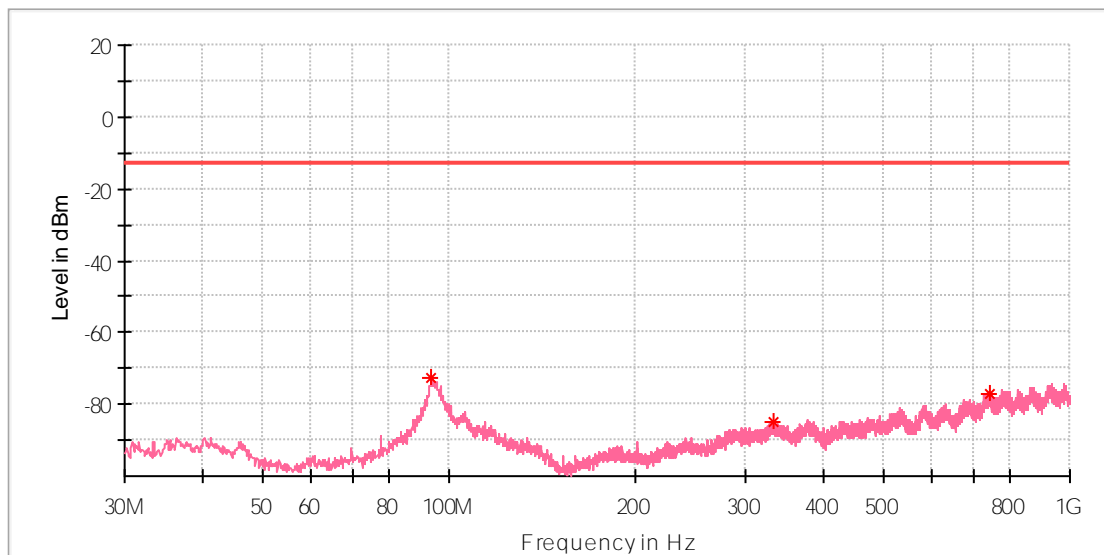
### Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
43.580000	-79.91	-13.00	66.91	100.0	H	259.0	-113.8
238.307500	-83.94	-13.00	70.94	100.0	H	28.0	-110.8
828.310000	-74.41	-13.00	61.41	100.0	H	349.0	-101.9

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VW
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)
93.413750	-72.62	-13.00	59.62	100.0	V	276.0	-101.0
333.852500	-85.03	-13.00	72.03	100.0	V	159.0	-111.8
742.707500	-77.04	-13.00	64.04	100.0	V	352.0	-102.0

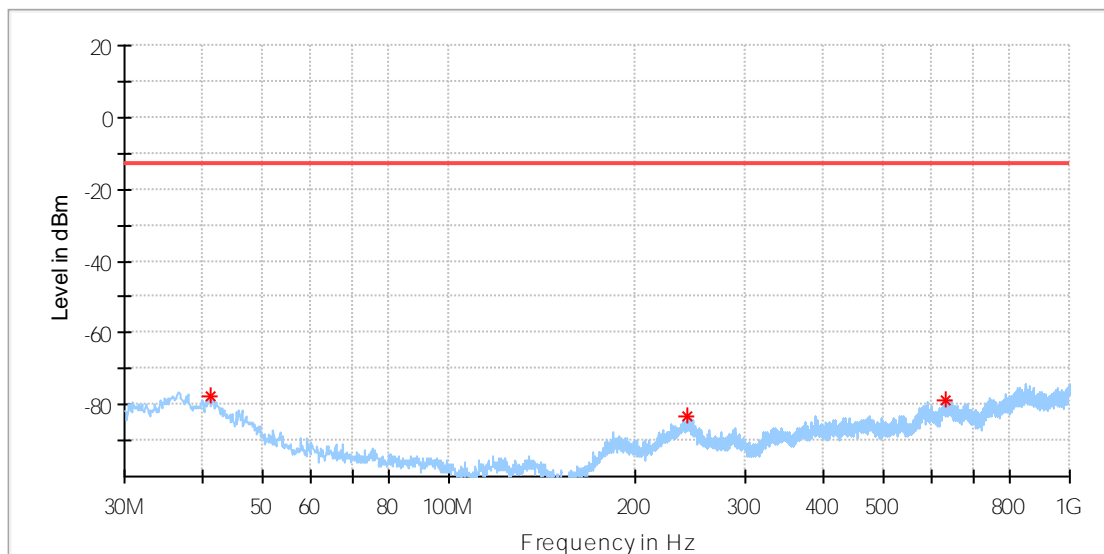


QPSK

## 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



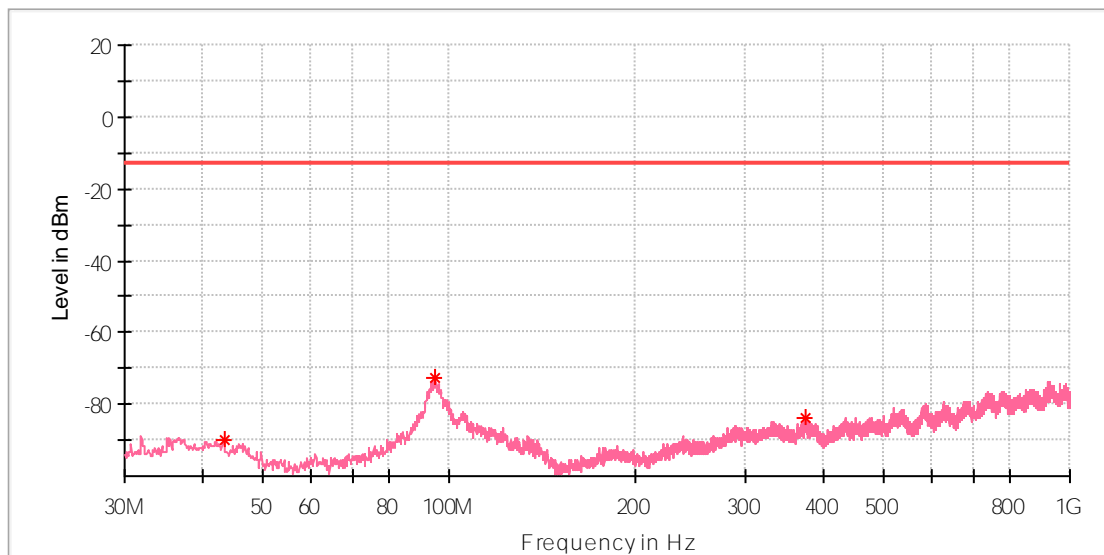
### Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.155000	-77.59	-13.00	64.59	100.0	H	40.0	-112.2
241.460000	-83.29	-13.00	70.29	100.0	H	31.0	-110.2
631.400000	-78.86	-13.00	65.86	100.0	H	49.0	-105.0

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VW
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)
43.337500	-89.76	-13.00	76.76	100.0	V	0.0	-124.0
95.111250	-72.83	-13.00	59.83	100.0	V	330.0	-99.6
374.350000	-83.89	-13.00	70.89	100.0	V	355.0	-110.9

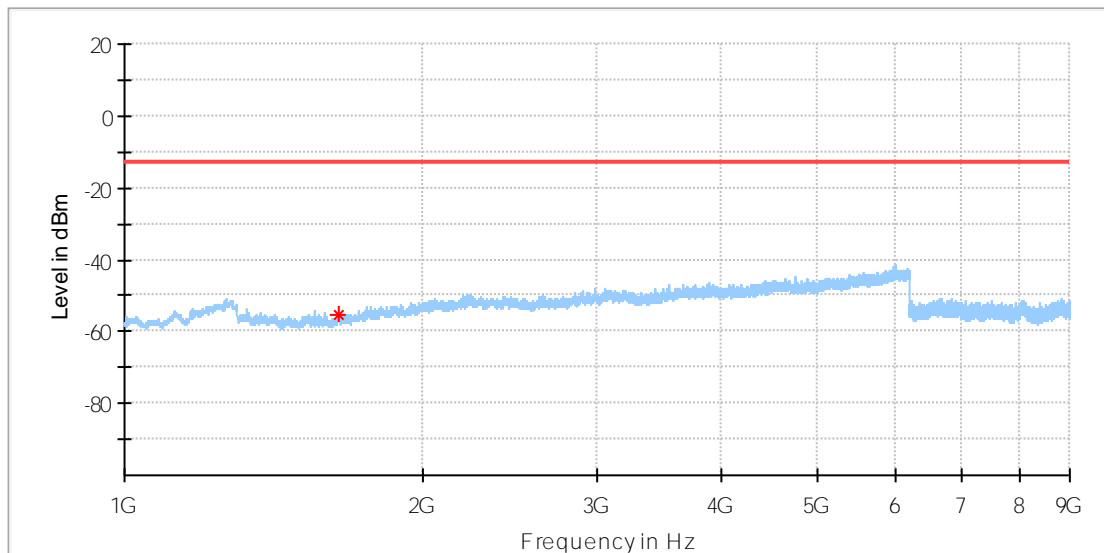
Produkte  
Products

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)
1648.000000	-55.28	--	-13.00	42.28	100.0	H	72.0	-92.4

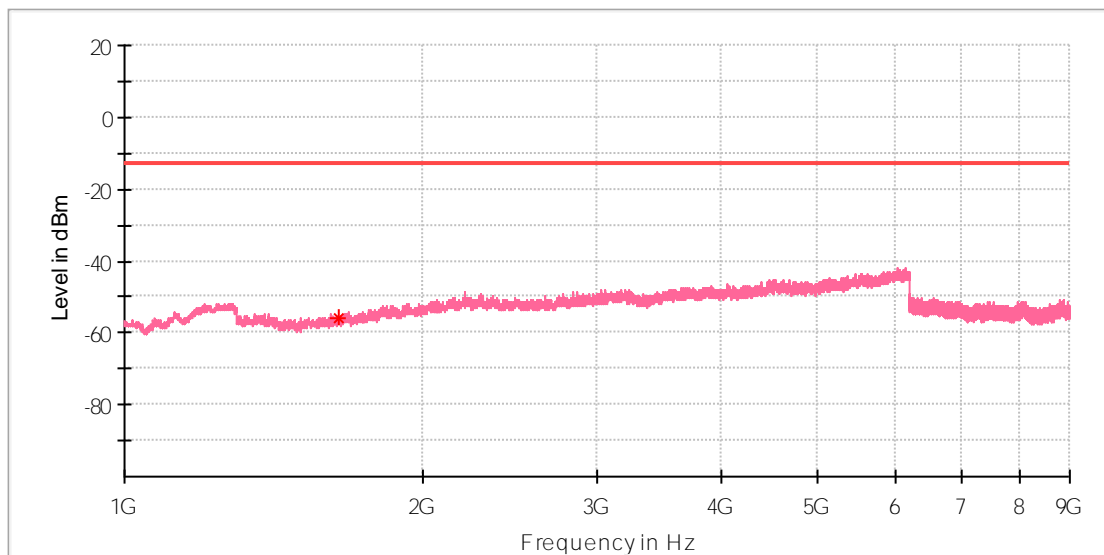
### Final\_Result

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 3.75kHzQPSK 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)
1648.500000	-55.65	--	-13.00	42.65	100.0	V	270.0	-92.4

## Final\_Result

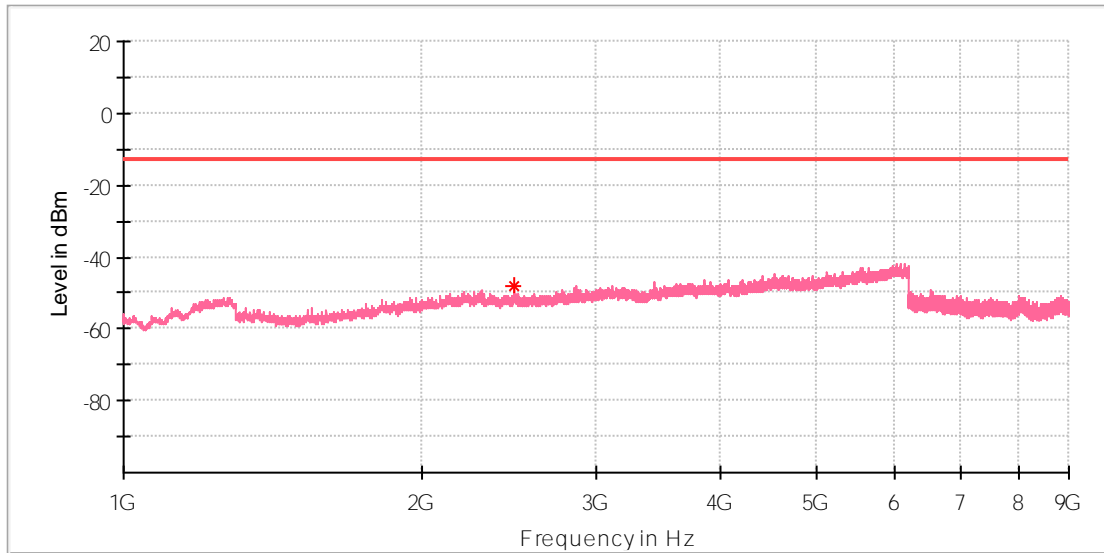
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		--	--



# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 3.75kHzQPSK 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)
2480.000000	-48.04	--	-13.00	35.04	100.0	V	356.0	-88.0

## Final\_Result

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

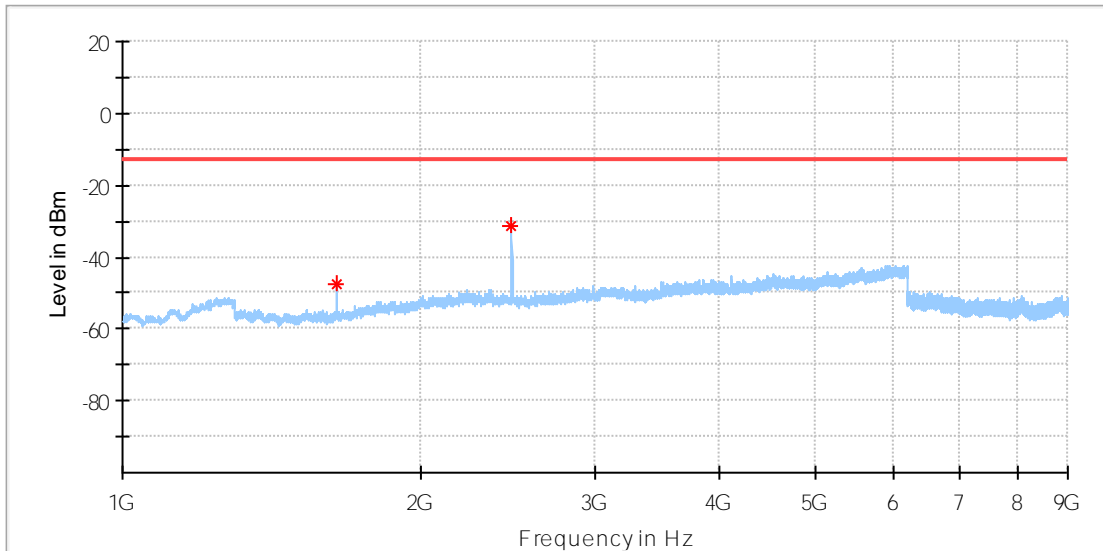
Produkte  
Products

15 kHz

# Test Report

## EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VW
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



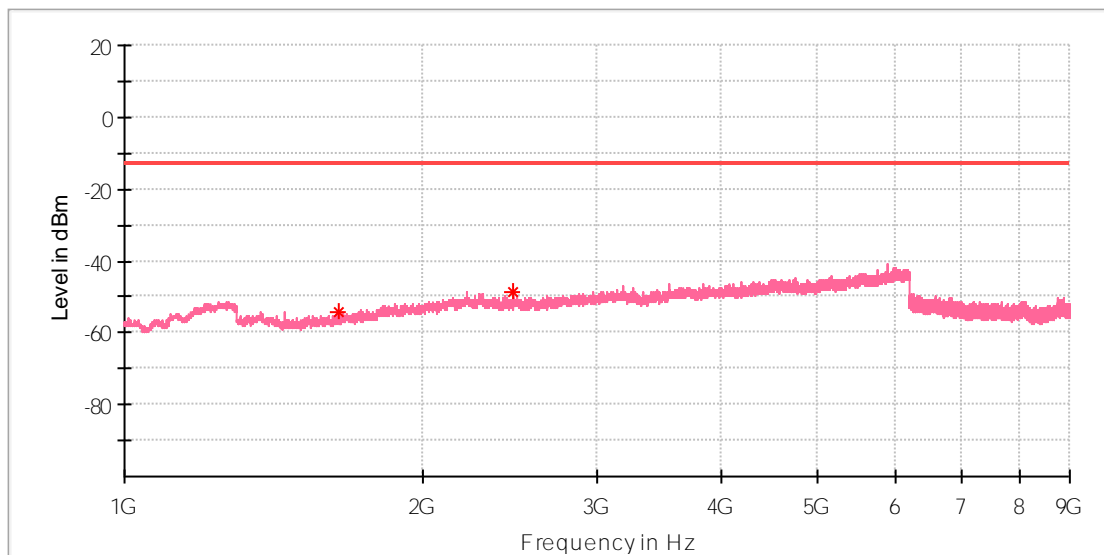
## Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1647.500000	-47.51	-13.00	34.51	100.0	H	314.0	-92.4
2472.000000	-31.32	-13.00	18.32	100.0	H	314.0	-87.9

# 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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical\_Freqs

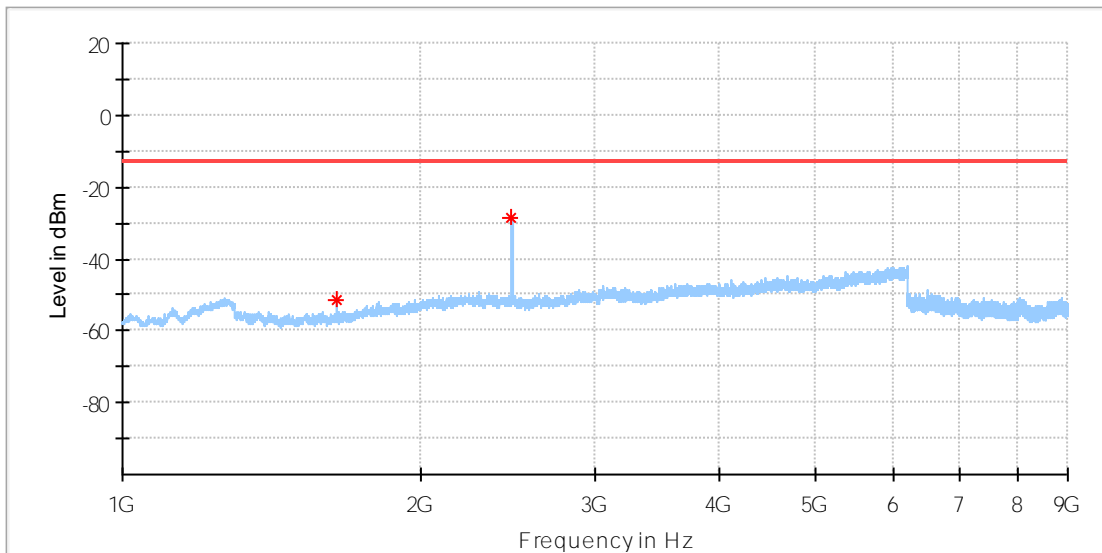
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-54.09	-13.00	41.09	100.0	V	94.0	-92.4
2472.000000	-48.80	-13.00	35.80	100.0	V	46.0	-88.0



# 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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



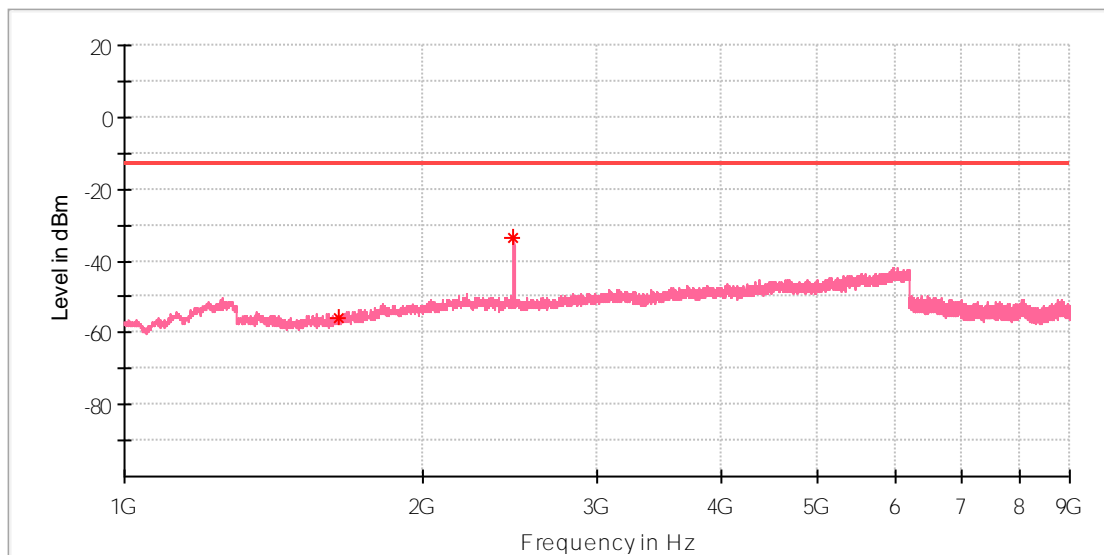
## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-51.32	-13.00	38.32	100.0	H	302.0	-92.4
2472.500000	-28.38	-13.00	15.38	100.0	H	302.0	-87.9

# 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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



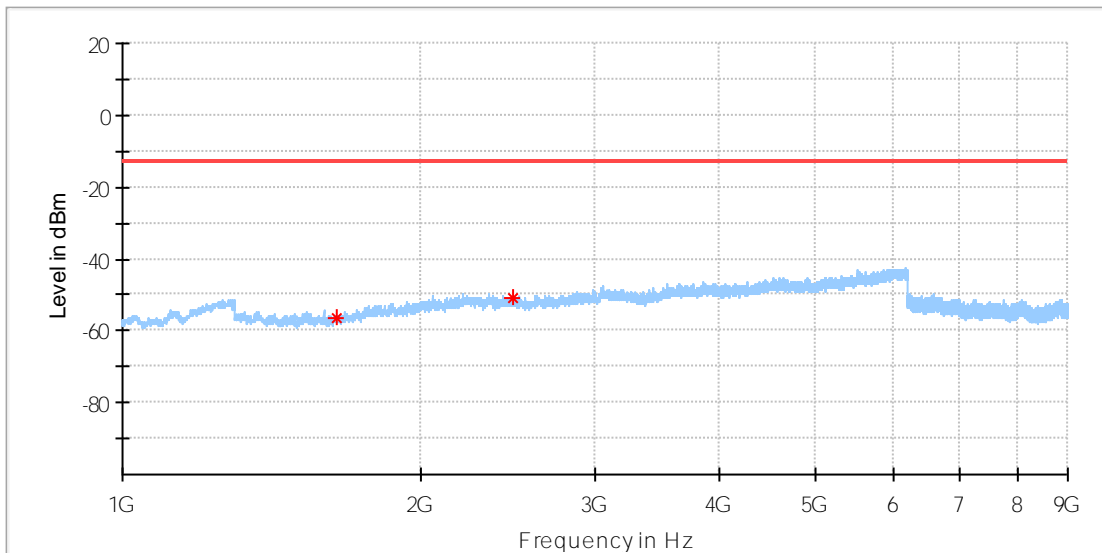
## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-55.86	-13.00	42.86	100.0	V	51.0	-92.4
2472.000000	-33.38	-13.00	20.38	100.0	V	183.0	-88.0

# 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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



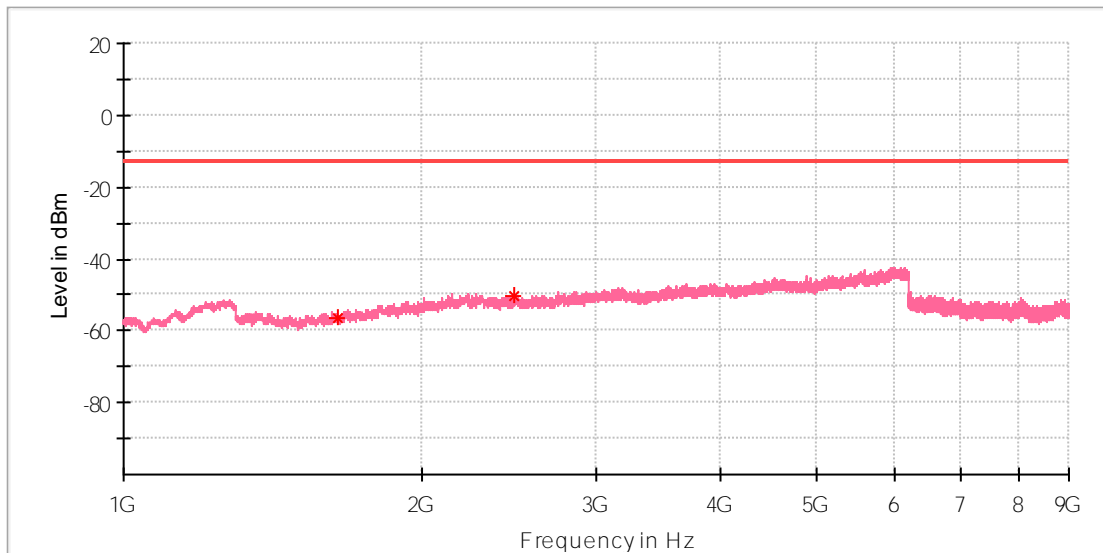
## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-56.31	-13.00	43.31	100.0	H	91.0	-92.4
2474.500000	-50.63	-13.00	37.63	100.0	H	77.0	-88.0

# 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 22 Humi:52%
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)
1647.000000	-56.37	-13.00	43.37	100.0	V	51.0	-92.4
2478.500000	-50.18	-13.00	37.18	100.0	V	253.0	-88.0

