

Appendix L: Test Results of Field Strength of Spurious Radiation for NB-IoT operation

APPENDIX L: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION FOR NB-IoT OPERATION. 1

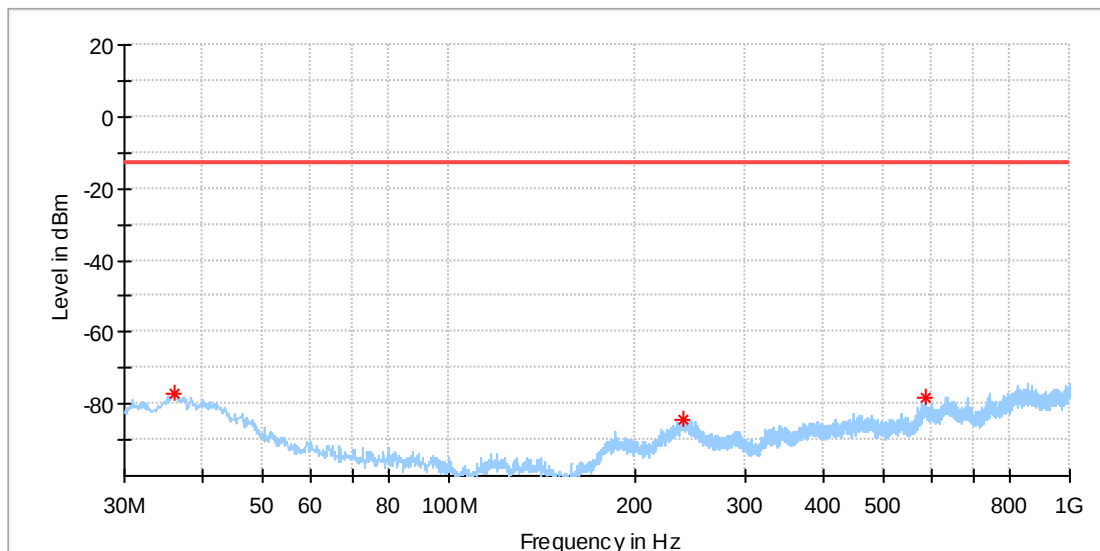
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Appendix L.1: Field Strength of Spurious Radiation for Band 2

Below 1 GHz
 BPSK

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



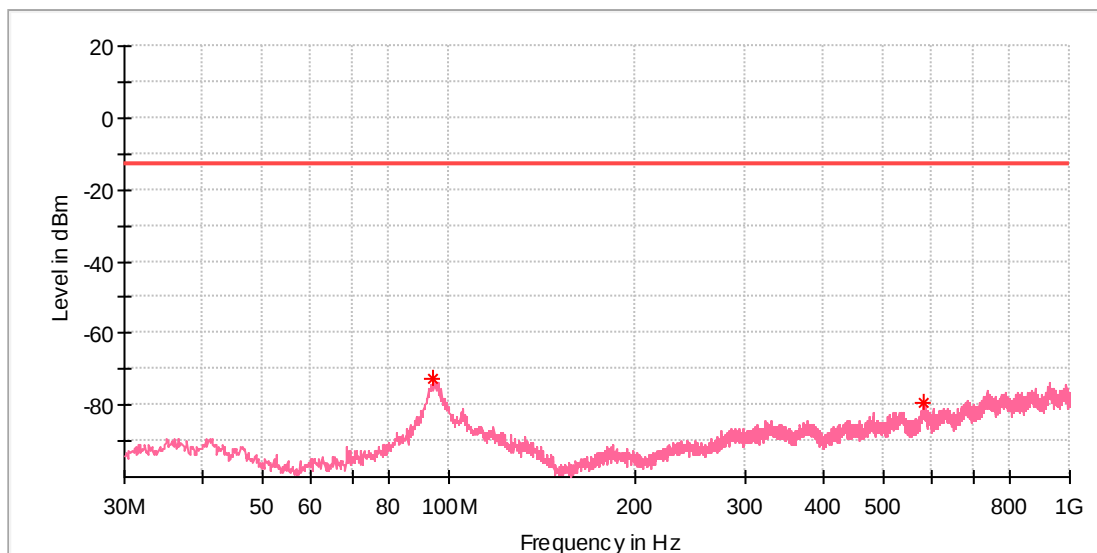
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.062500	-77.05	-13.00	64.05	100.0	H	308.0	-113.3
239.156250	-84.11	-13.00	71.11	100.0	H	209.0	-110.6
584.112500	-78.21	-13.00	65.21	100.0	H	155.0	-106.1

Produkte
Products

EUT Information

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Model:	ME310G1-W1
Test Mode:	TX 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

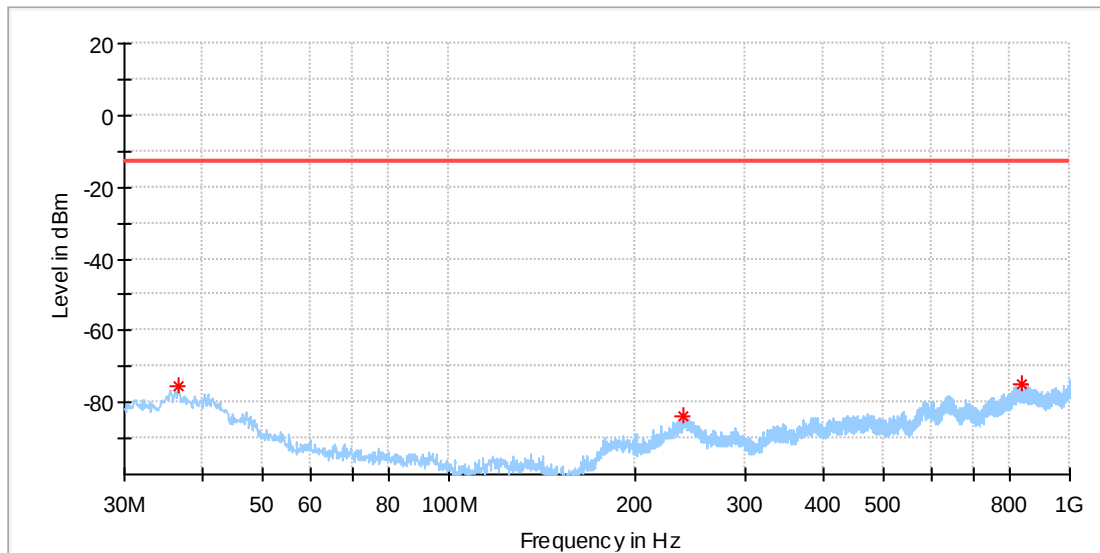
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.020000	-72.71	-13.00	59.71	100.0	V	350.0	-99.9
582.900000	-79.33	-13.00	66.33	100.0	V	57.0	-106.6

Produkte
Products

QPSK

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



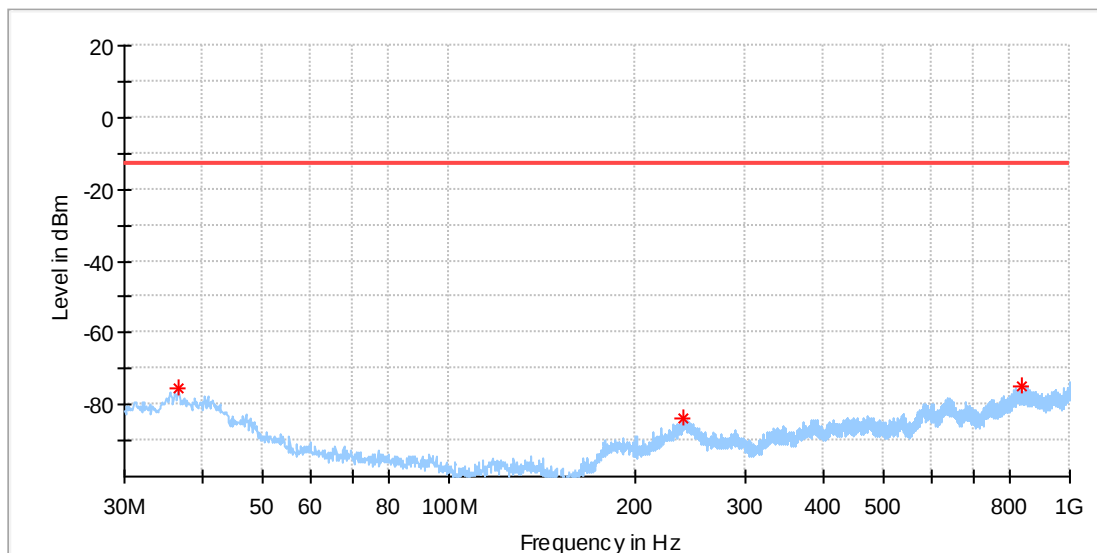
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.668750	-75.34	-13.00	62.34	100.0	H	74.0	-113.2
238.428750	-83.84	-13.00	70.84	100.0	H	355.0	-110.7
839.222500	-74.99	-13.00	61.99	100.0	H	0.0	-101.7

Produkte
Products

EUT Information

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Model:	ME310G1-W1
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Remark:	Temp 23 Humi:42%
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Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

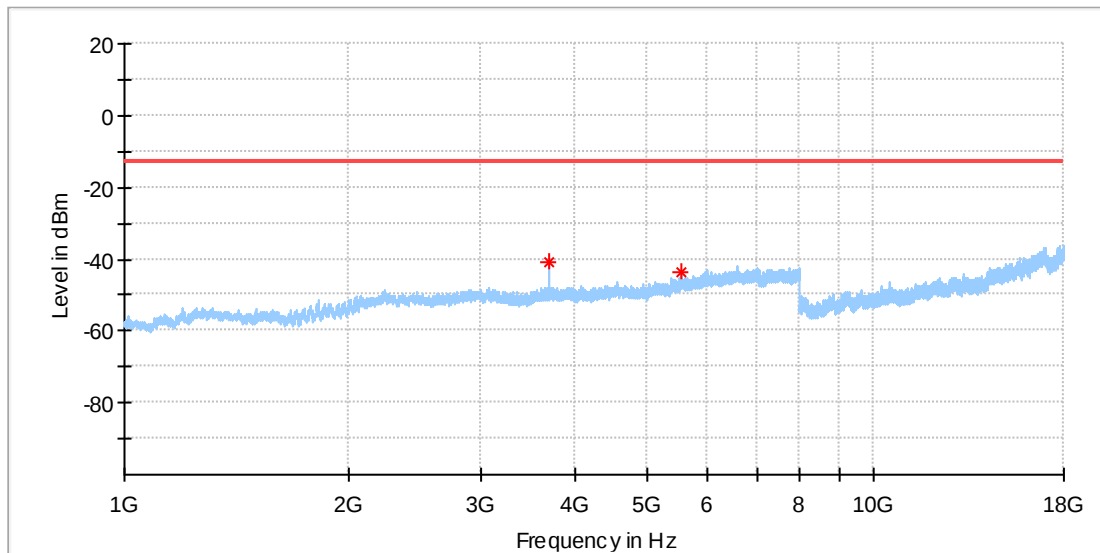
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.668750	-75.34	-13.00	62.34	100.0	H	74.0	-113.2
238.428750	-83.84	-13.00	70.84	100.0	H	355.0	-110.7
839.222500	-74.99	-13.00	61.99	100.0	H	0.0	-101.7

Produkte
Products

Above 1 GHz
Low Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

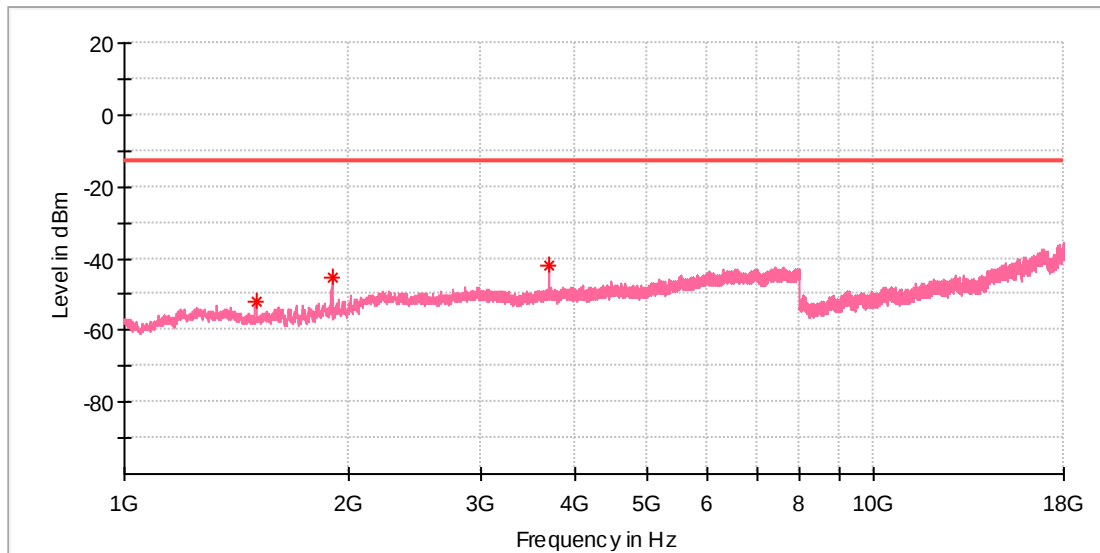


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3699.500000	-40.87	-13.00	27.87	100.0	H	9.0	-86.7
5550.000000	-43.68	-13.00	30.68	100.0	H	29.0	-83.2

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Low 3.75kHz QPSK 1@0
Test Voltage:: DC 3.8V
Remark: Temp 23 Humi:48%
Test Standard: FCC Part 24 and RSS-133 Issue 6
Tested By: Kei Zhang
Reviewed By: Terry Yin



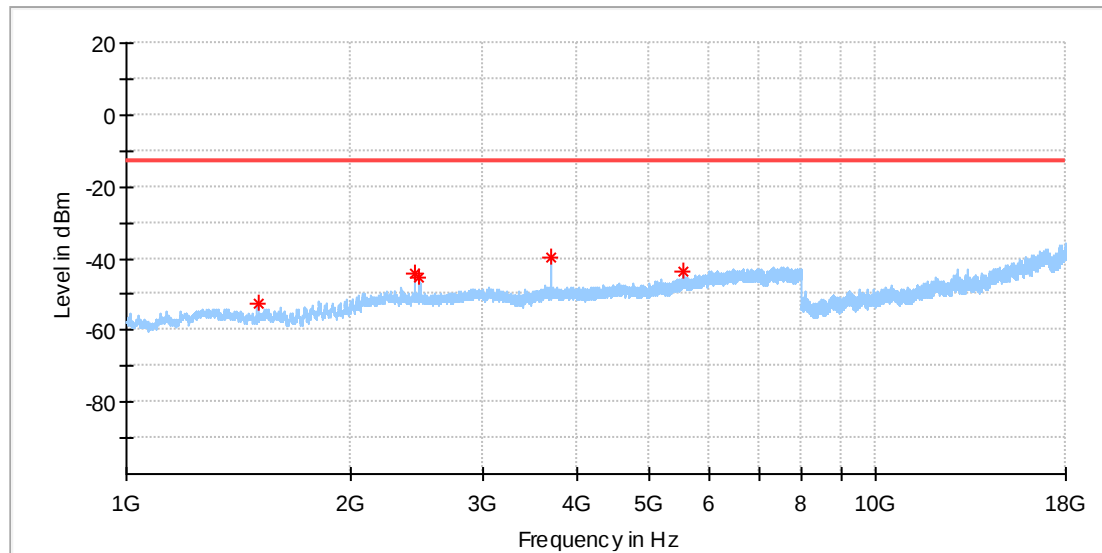
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1497.500000	-52.02	-13.00	39.02	100.0	V	249.0	-93.9
1893.500000	-45.27	-13.00	32.27	100.0	V	4.0	-90.4
3700.000000	-41.98	-13.00	28.98	100.0	V	344.0	-86.7

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



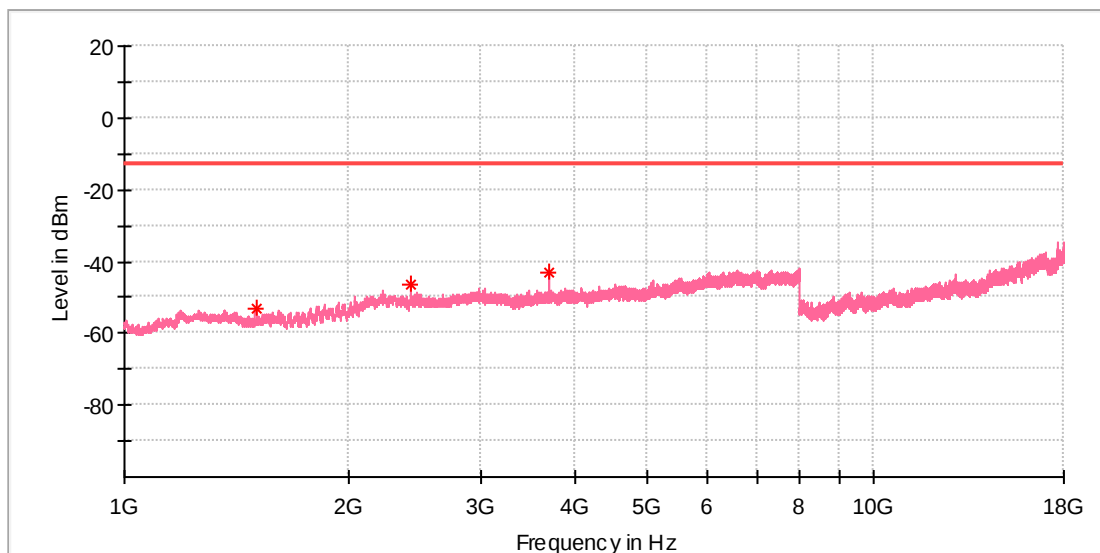
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1497.500000	-52.82	-13.00	39.82	100.0	H	298.0	-93.7
2425.500000	-44.06	-13.00	31.06	100.0	H	134.0	-87.4
2465.500000	-45.06	-13.00	32.06	100.0	H	321.0	-87.9
3700.000000	-39.55	-13.00	26.55	100.0	H	345.0	-86.7
5550.500000	-43.57	-13.00	30.57	100.0	H	52.0	-83.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

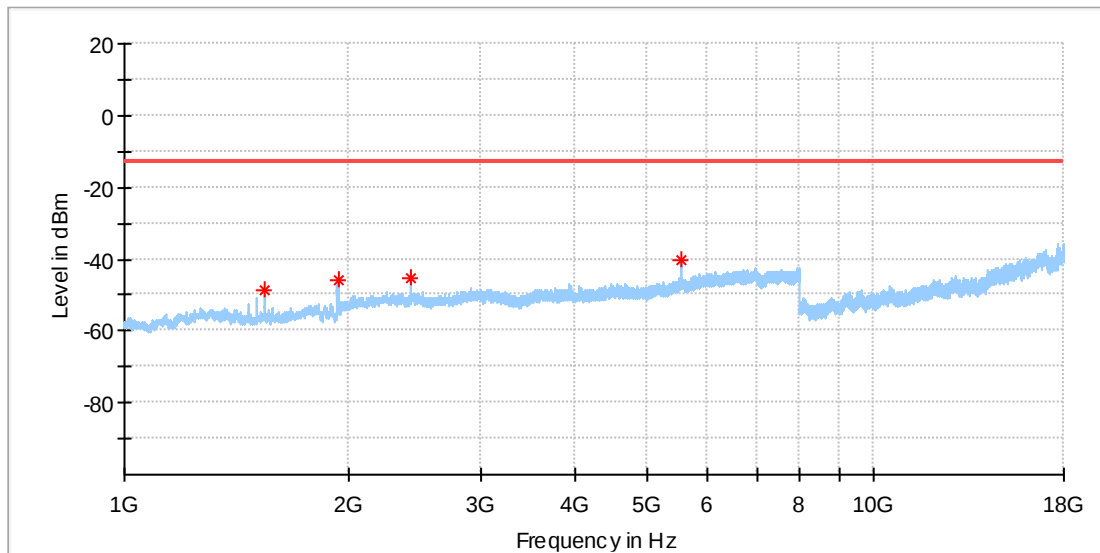
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1497.500000	-52.95	-13.00	39.95	100.0	V	268.0	-93.9
2410.500000	-46.26	-13.00	33.26	100.0	V	119.0	-88.1
3700.500000	-43.00	-13.00	30.00	100.0	V	343.0	-86.7

Produkte
Products

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

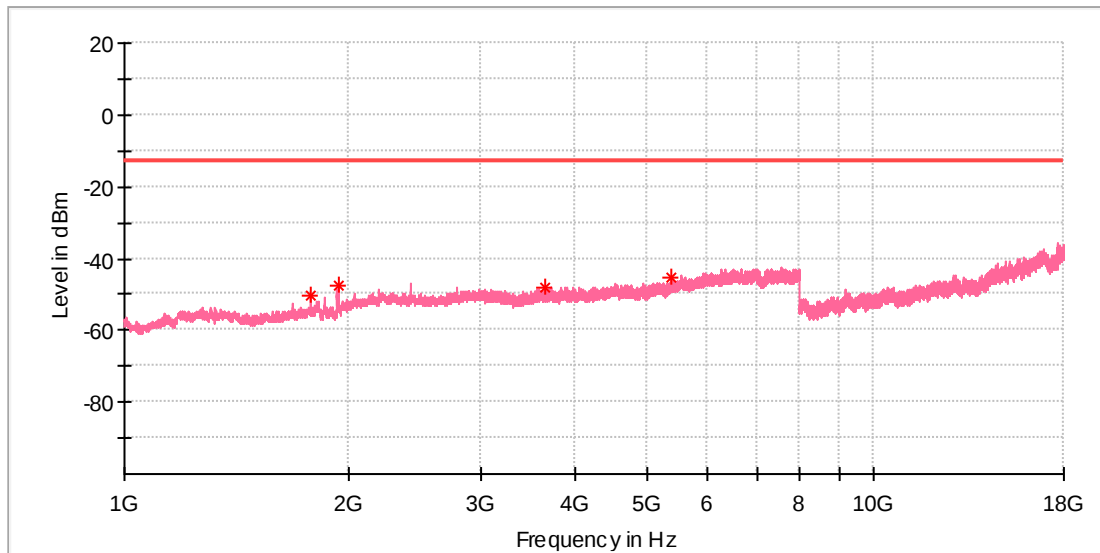


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1543.000000	-48.50	-13.00	35.50	100.0	H	201.0	-92.8
1928.000000	-45.78	-13.00	32.78	100.0	H	0.0	-90.1
2414.000000	-45.18	-13.00	32.18	100.0	H	316.0	-87.7
5550.500000	-40.33	-13.00	27.33	100.0	H	265.0	-83.2

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

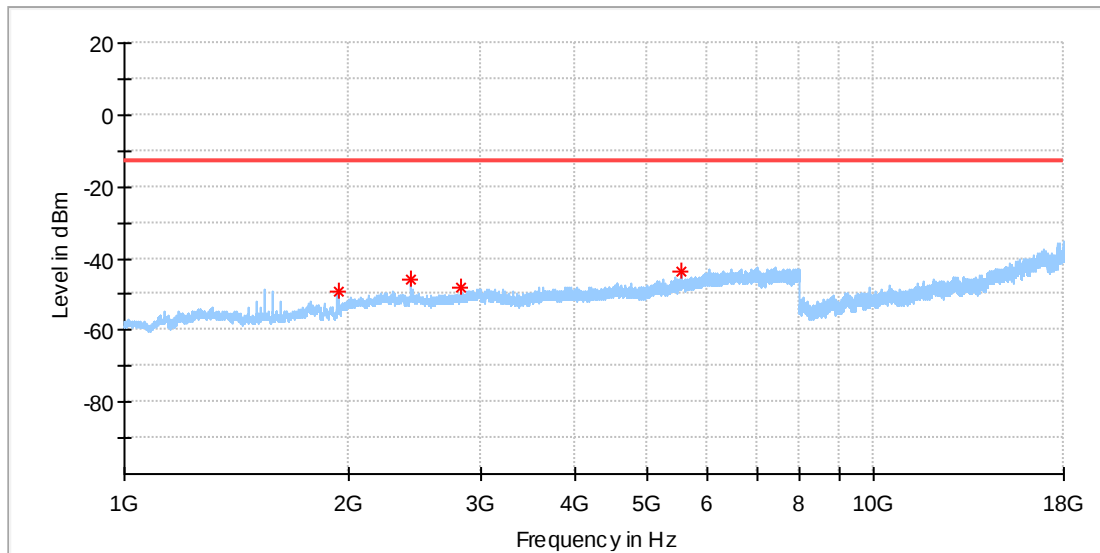


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1773.000000	-50.07	-13.00	37.07	100.0	V	4.0	-91.2
1930.000000	-47.49	-13.00	34.49	100.0	V	26.0	-89.5
3656.000000	-48.11	-13.00	35.11	100.0	V	114.0	-86.9
5373.500000	-45.55	-13.00	32.55	100.0	V	175.0	-84.1

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

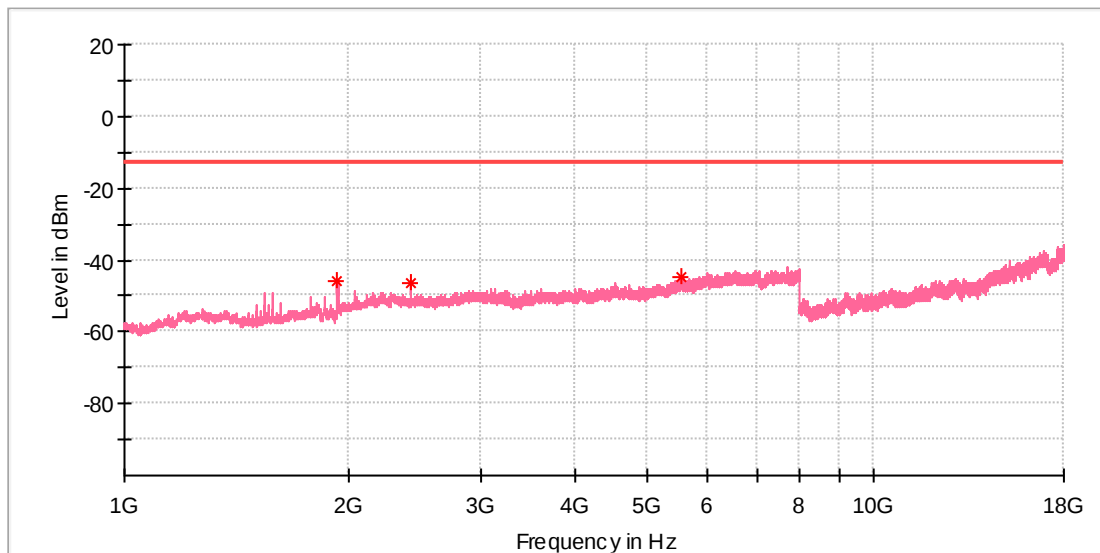


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1930.000000	-49.01	-13.00	36.01	100.0	H	356.0	-90.1
2414.000000	-46.09	-13.00	33.09	100.0	H	174.0	-87.7
2822.500000	-48.15	-13.00	35.15	100.0	H	302.0	-87.4
5549.500000	-43.68	-13.00	30.68	100.0	H	214.0	-83.2

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Low 15kHz BPSK 1@11
Test Voltage: DC 3.8V
Remark: Temp 22 Humi:54%
Test Standard: FCC Part 24 and RSS-133 Issue 6
Tested By: Kei Zhang
Reviewed By: Terry Yin

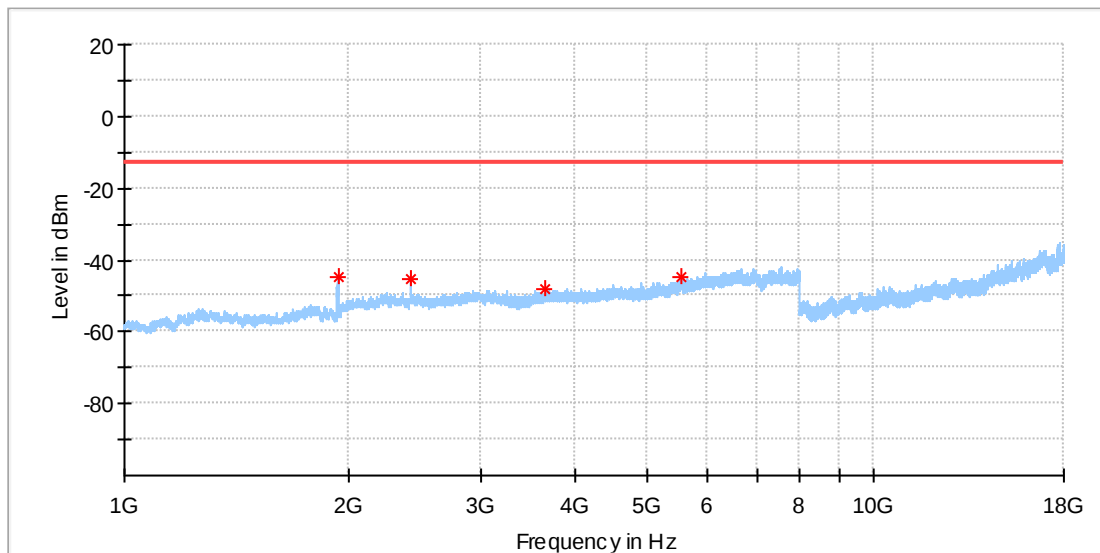


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1922.000000	-45.77	-13.00	32.77	100.0	V	280.0	-89.6
2414.000000	-46.37	-13.00	33.37	100.0	V	332.0	-88.1
5548.500000	-44.69	-13.00	31.69	100.0	V	0.0	-83.0

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Low15kHz QPSK 12@0
Test Voltage:: DC 3.8V
Remark: Temp 22 Humi:54%
Test Standard: FCC Part 24 and RSS-133 Issue 6
Tested By: Kei Zhang
Reviewed By: Terry Yin

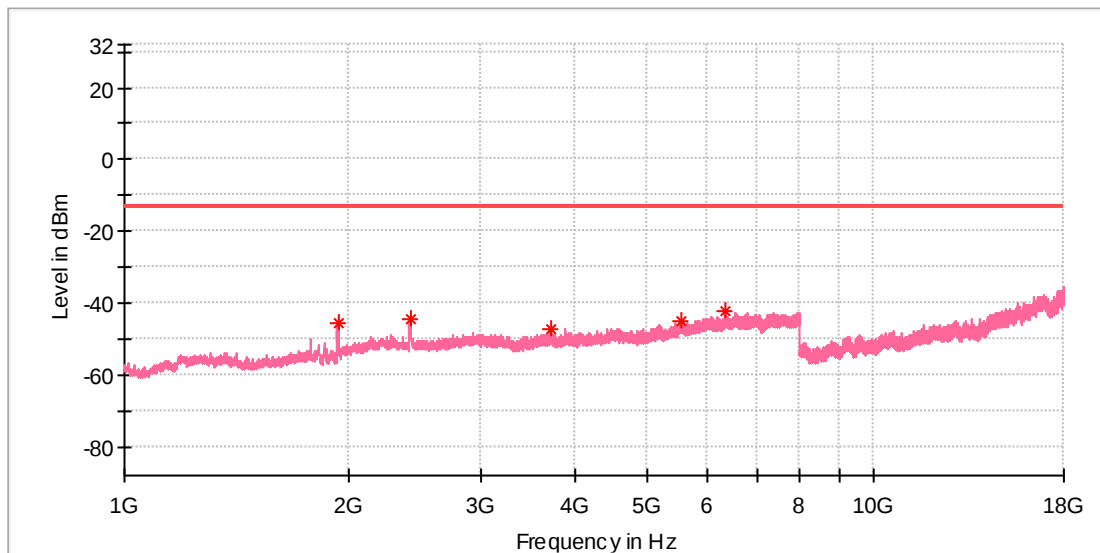


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1928.000000	-44.81	-13.00	31.81	100.0	H	0.0	-90.1
2414.000000	-45.22	-13.00	32.22	100.0	H	6.0	-87.7
3655.500000	-47.87	-13.00	34.87	100.0	H	290.0	-86.7
5545.500000	-44.88	-13.00	31.88	100.0	H	33.0	-83.2

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

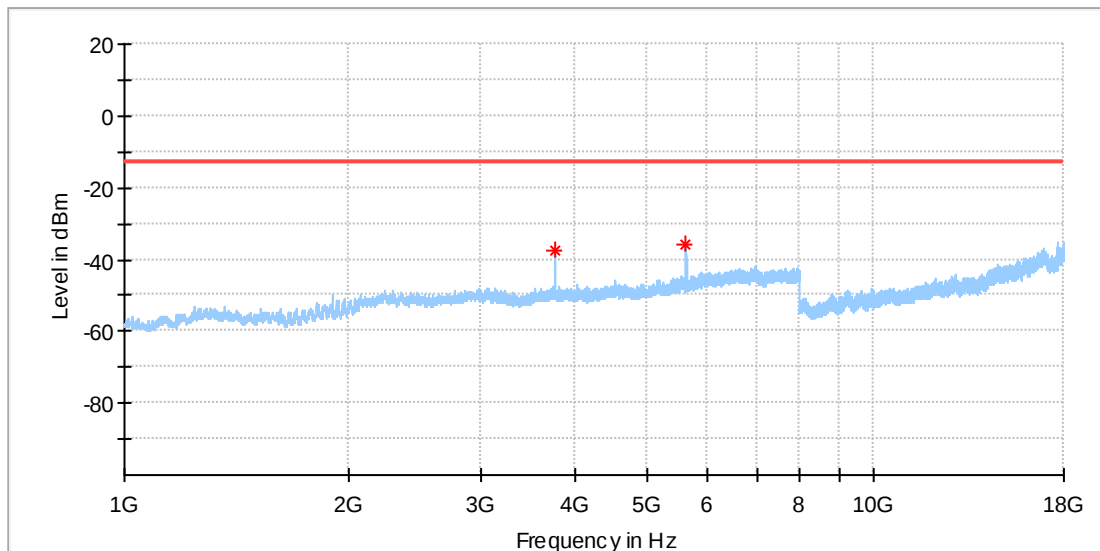
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1934.500000	-45.64	-13.00	32.64	100.0	V	73.0	-89.5
2416.500000	-44.43	-13.00	31.43	100.0	V	231.0	-88.0
3713.000000	-47.17	-13.00	34.17	100.0	V	356.0	-86.7
5552.500000	-44.86	-13.00	31.86	100.0	V	293.0	-83.1
6360.500000	-42.26	-13.00	29.26	100.0	V	203.0	-81.7

Produkte
Products

Mid Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



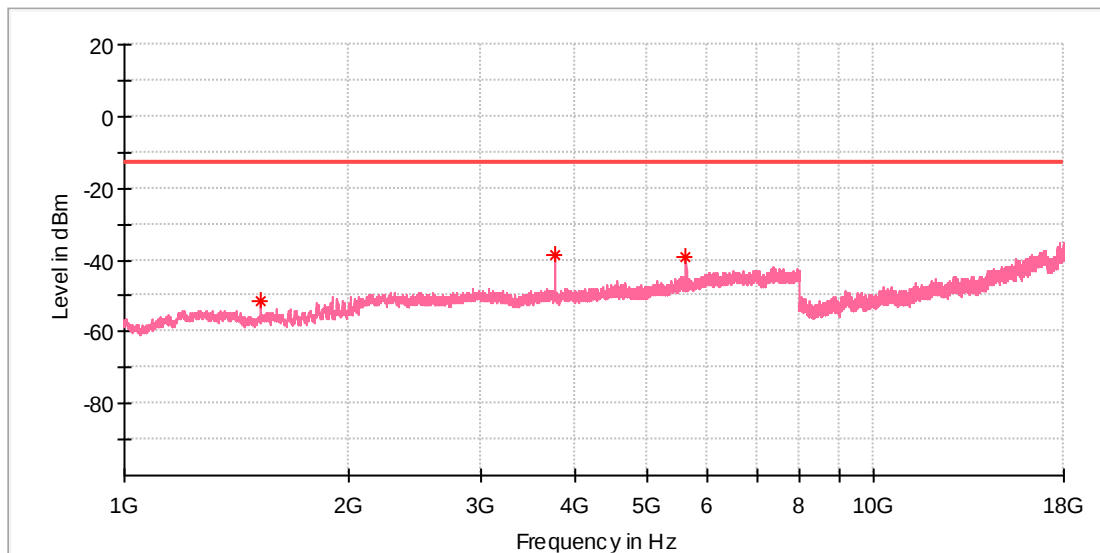
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3754.500000	-37.64	-13.00	24.64	100.0	H	4.0	-86.6
5632.500000	-35.79	-13.00	22.79	100.0	H	318.0	-83.8

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

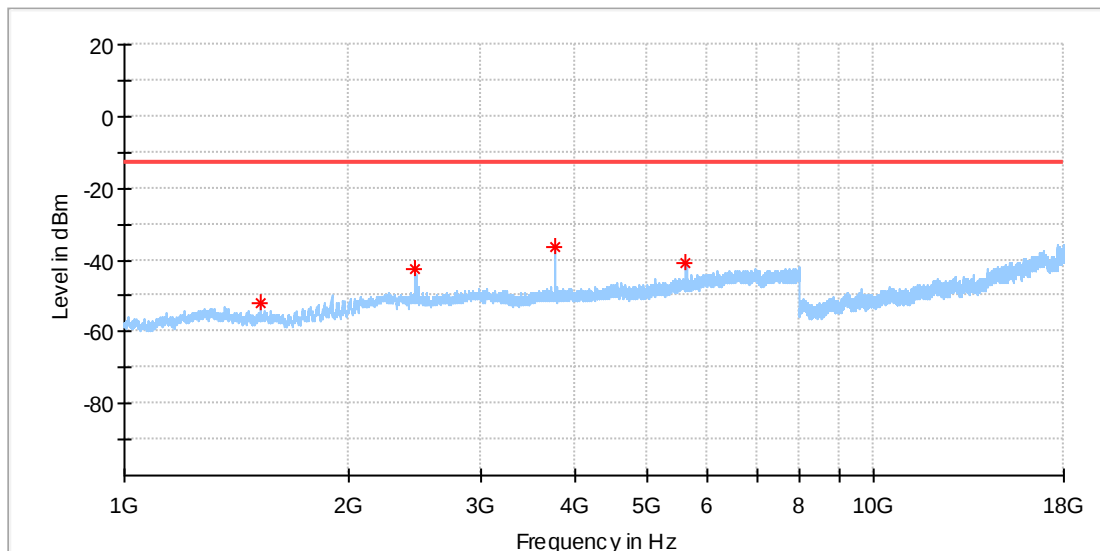


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1519.500000	-51.60	-13.00	38.60	100.0	V	309.0	-93.6
3755.000000	-38.74	-13.00	25.74	100.0	V	0.0	-86.9
5632.500000	-38.98	-13.00	25.98	100.0	V	79.0	-83.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@47
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

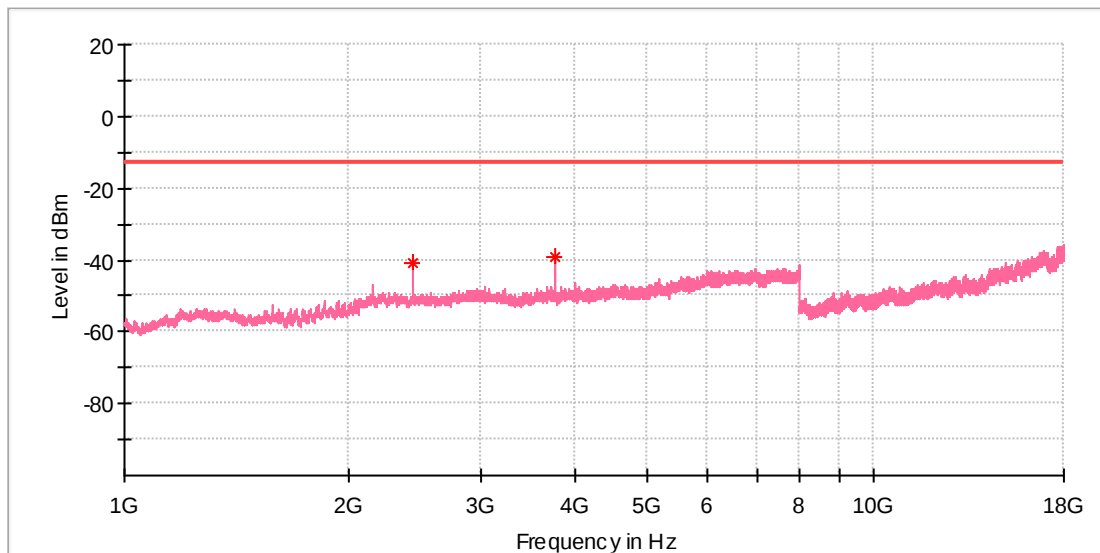


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1520.000000	-51.95	-13.00	38.95	100.0	H	301.0	-93.0
2450.000000	-42.76	-13.00	29.76	100.0	H	352.0	-87.8
3755.000000	-36.40	-13.00	23.40	100.0	H	16.0	-86.6
5633.000000	-40.74	-13.00	27.74	100.0	H	327.0	-83.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@47
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

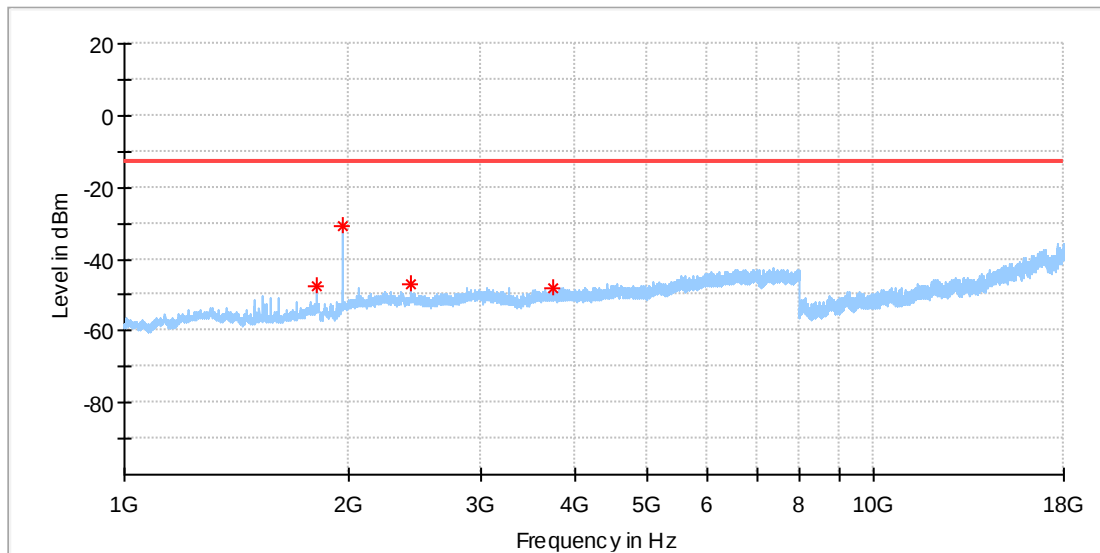
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2425.500000	-40.61	-13.00	27.61	100.0	V	293.0	-87.9
3755.000000	-38.94	-13.00	25.94	100.0	V	0.0	-86.9

Produkte
Products

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

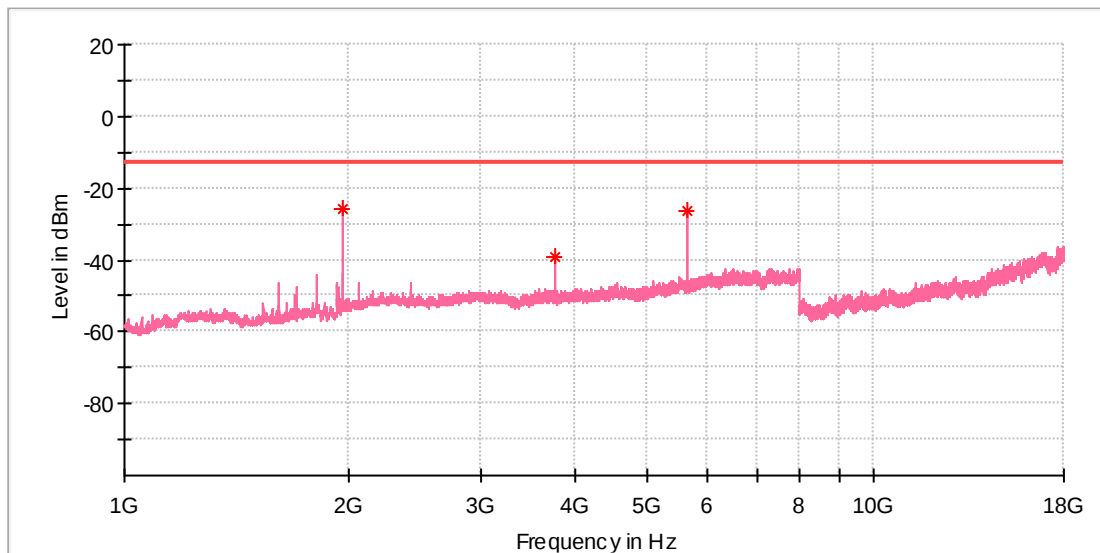


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1803.000000	-47.80	-13.00	34.80	100.0	H	178.0	-90.5
1960.000000	-30.75	-13.00	17.75	100.0	H	195.0	-89.7
2410.500000	-46.71	-13.00	33.71	100.0	H	261.0	-87.7
3739.500000	-48.20	-13.00	35.20	100.0	H	1.0	-86.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
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Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

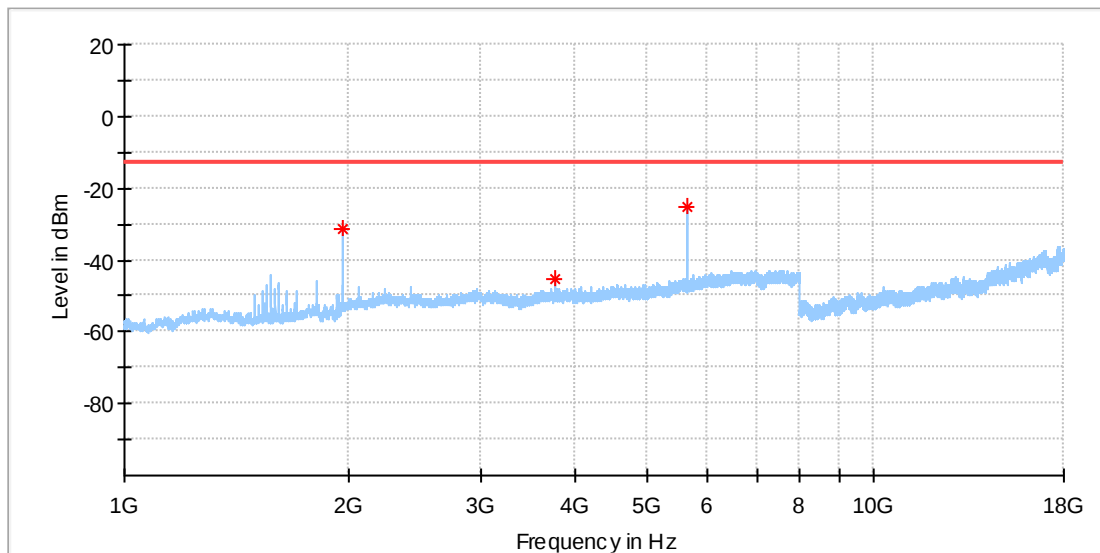


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1960.000000	-25.63	-13.00	12.63	100.0	V	356.0	-89.6
3759.500000	-39.28	-13.00	26.28	100.0	V	74.0	-87.0
5639.500000	-26.47	-13.00	13.47	100.0	V	248.0	-83.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

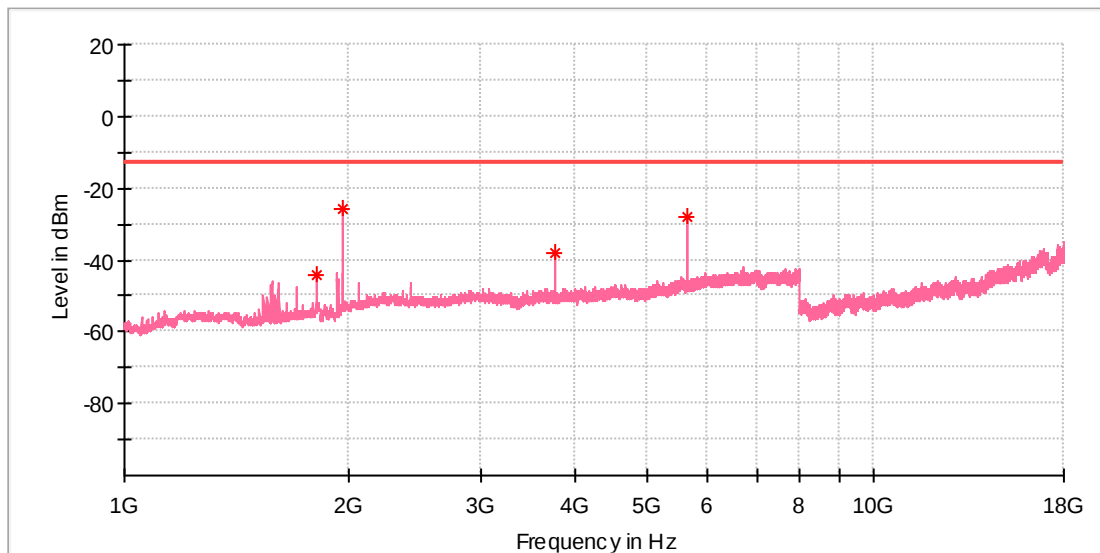


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1959.500000	-31.47	-13.00	18.47	100.0	H	0.0	-89.7
3759.500000	-45.54	-13.00	32.54	100.0	H	261.0	-86.6
5640.000000	-25.01	-13.00	12.01	100.0	H	87.0	-83.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

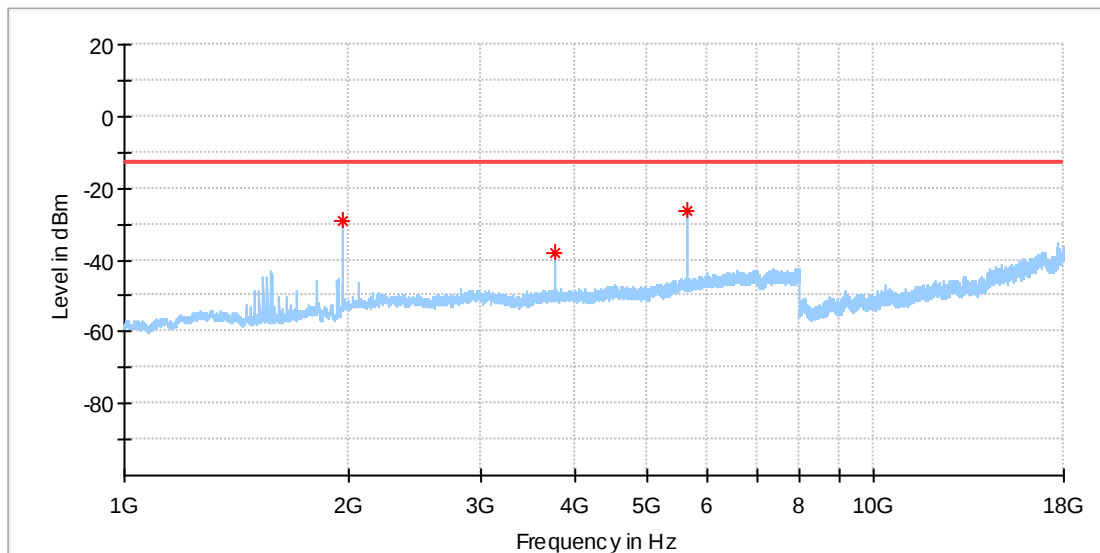


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1802.500000	-43.97	-13.00	30.97	100.0	V	117.0	-90.8
1960.000000	-25.94	-13.00	12.94	100.0	V	302.0	-89.6
3760.000000	-38.01	-13.00	25.01	100.0	V	52.0	-87.0
5639.500000	-28.16	-13.00	15.16	100.0	V	233.0	-83.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

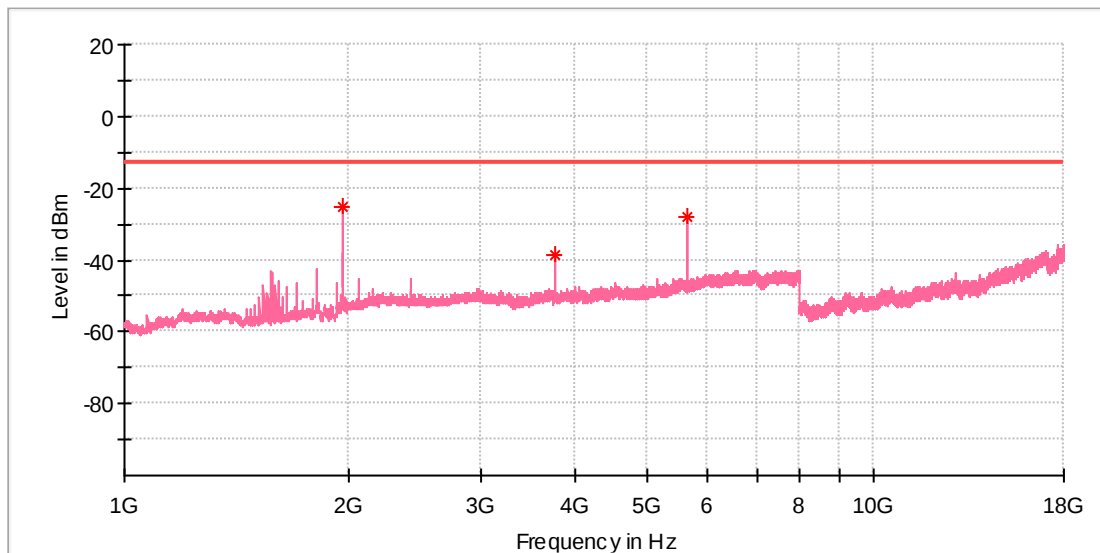


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1960.000000	-29.21	-13.00	16.21	100.0	H	257.0	-89.7
3759.500000	-38.19	-13.00	25.19	100.0	H	294.0	-86.6
5639.500000	-26.44	-13.00	13.44	100.0	H	266.0	-83.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

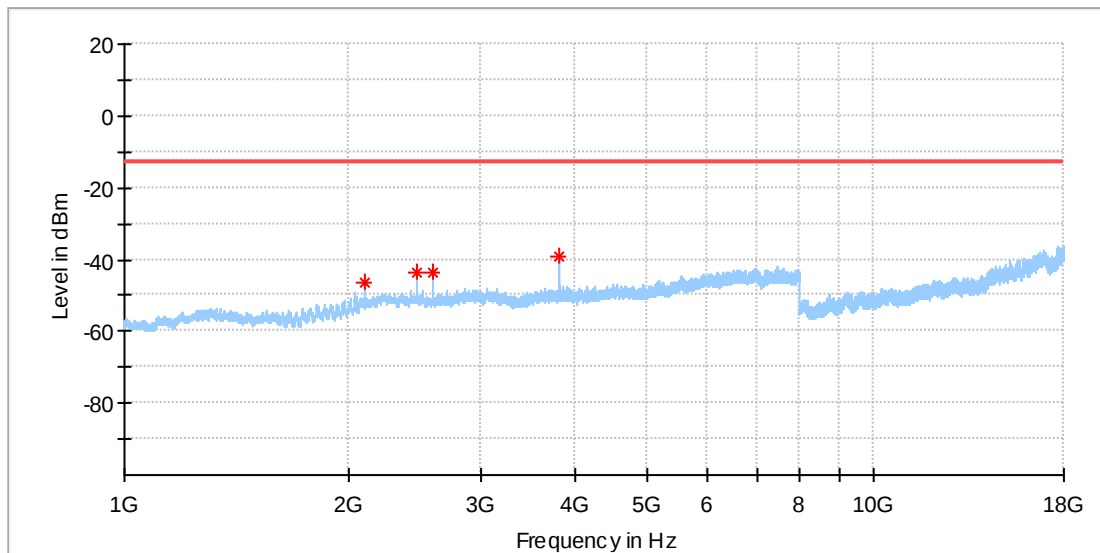
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1960.000000	-25.07	-13.00	12.07	100.0	V	159.0	-89.6
3759.500000	-38.78	-13.00	25.78	100.0	V	247.0	-87.0
5640.000000	-28.25	-13.00	15.25	100.0	V	226.0	-83.8

Produkte
Products

High Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

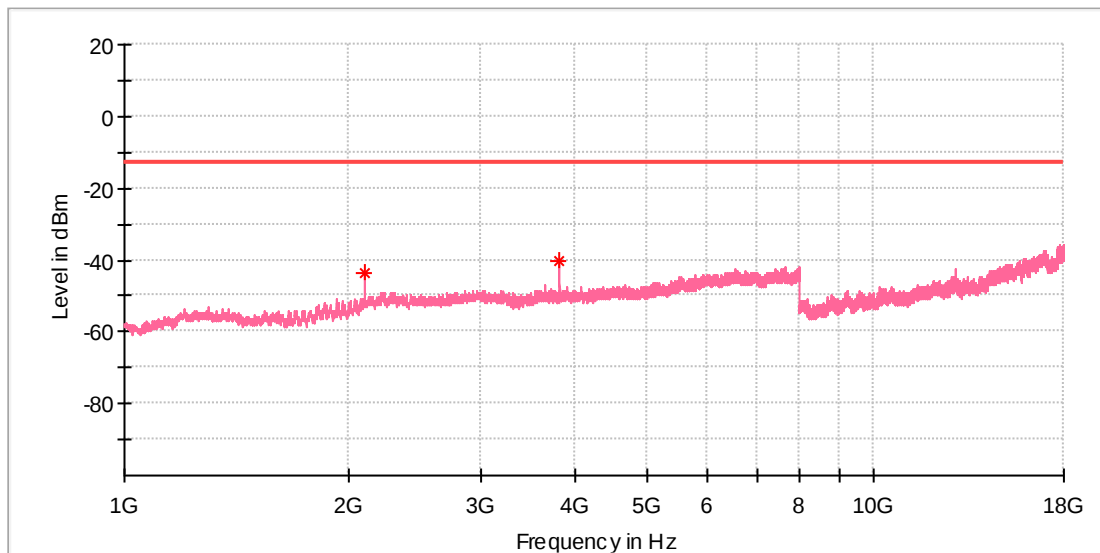


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2091.500000	-46.39	-13.00	33.39	100.0	H	341.0	-88.7
2453.000000	-43.52	-13.00	30.52	100.0	H	170.0	-87.9
2580.000000	-43.39	-13.00	30.39	100.0	H	228.0	-88.6
3819.500000	-38.98	-13.00	25.98	100.0	H	10.0	-86.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

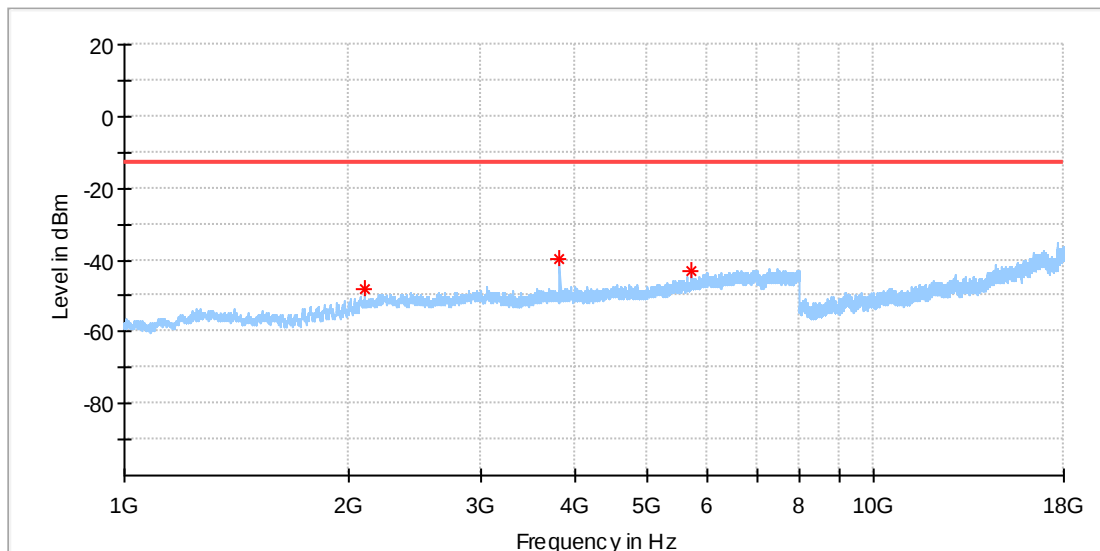


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2092.000000	-43.84	-13.00	30.84	100.0	V	289.0	-88.7
3819.500000	-40.29	-13.00	27.29	100.0	V	301.0	-86.9

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@47
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

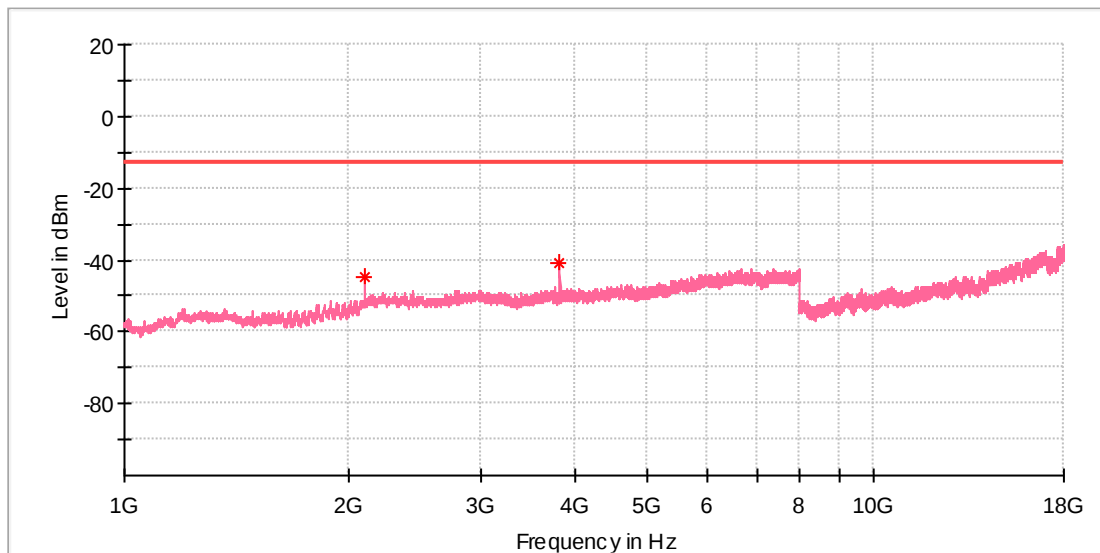


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2091.500000	-47.93	-13.00	34.93	100.0	H	349.0	-88.7
3819.500000	-39.71	-13.00	26.71	100.0	H	17.0	-86.8
5729.500000	-43.26	-13.00	30.26	100.0	H	31.0	-83.5

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



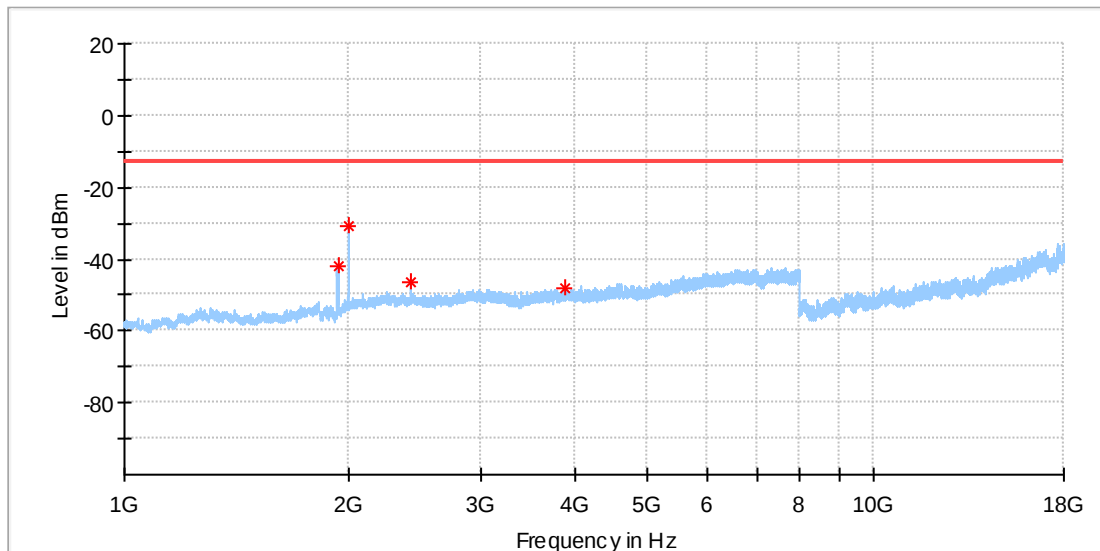
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2092.000000	-44.83	-13.00	31.83	100.0	V	269.0	-88.7
3820.000000	-40.84	-13.00	27.84	100.0	V	359.0	-86.9

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



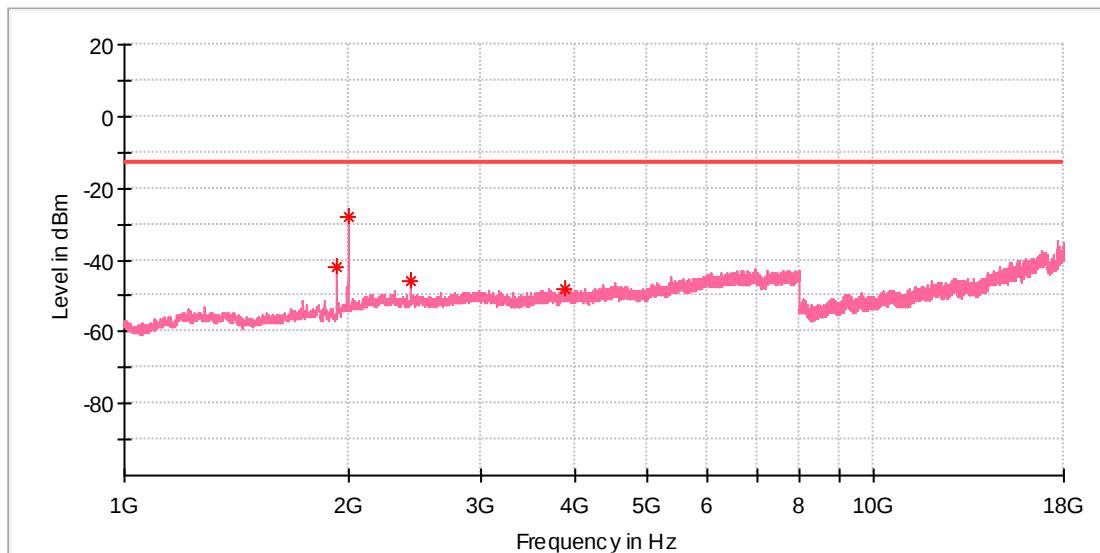
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1930.500000	-41.98	-13.00	28.98	100.0	H	239.0	-90.1
1989.500000	-31.00	-13.00	18.00	100.0	H	239.0	-89.3
2413.000000	-46.65	-13.00	33.65	100.0	H	345.0	-87.7
3873.500000	-47.82	-13.00	34.82	100.0	H	324.0	-86.4

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

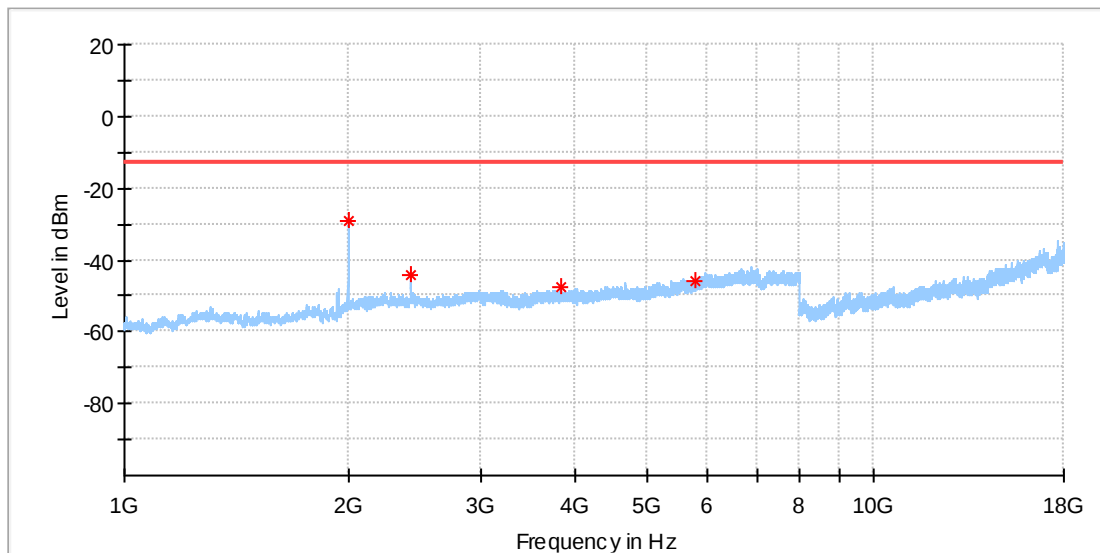


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1924.000000	-42.03	-13.00	29.03	100.0	V	319.0	-89.5
1990.000000	-28.06	-13.00	15.06	100.0	V	186.0	-89.7
2413.500000	-45.94	-13.00	32.94	100.0	V	192.0	-88.1
3878.000000	-48.17	-13.00	35.17	100.0	V	40.0	-86.5

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



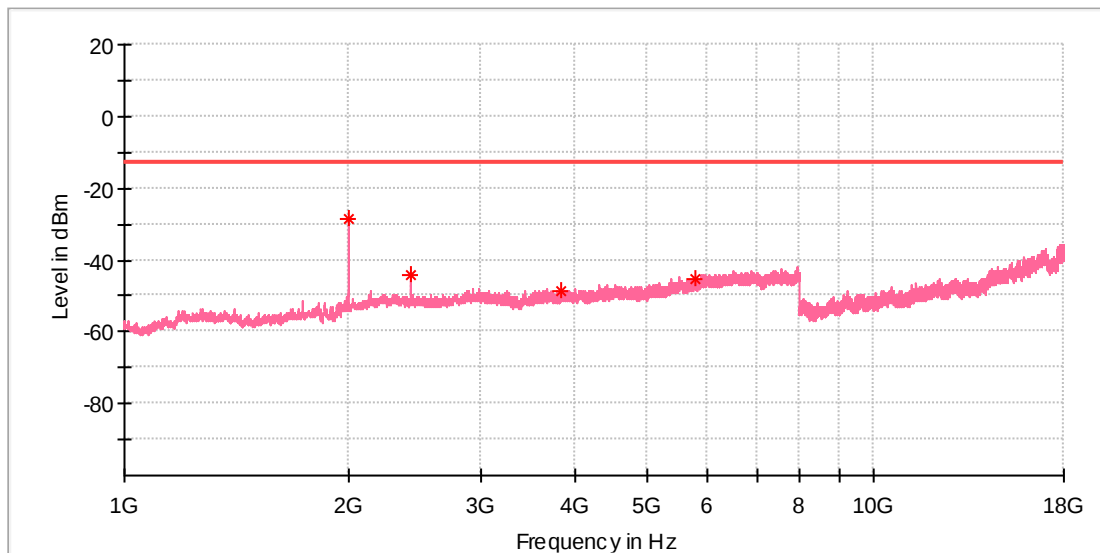
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1990.000000	-29.35	-13.00	16.35	100.0	H	240.0	-89.3
2416.000000	-44.14	-13.00	31.14	100.0	H	351.0	-87.6
3821.000000	-47.53	-13.00	34.53	100.0	H	128.0	-86.8
5776.000000	-46.00	-13.00	33.00	100.0	H	253.0	-83.4

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

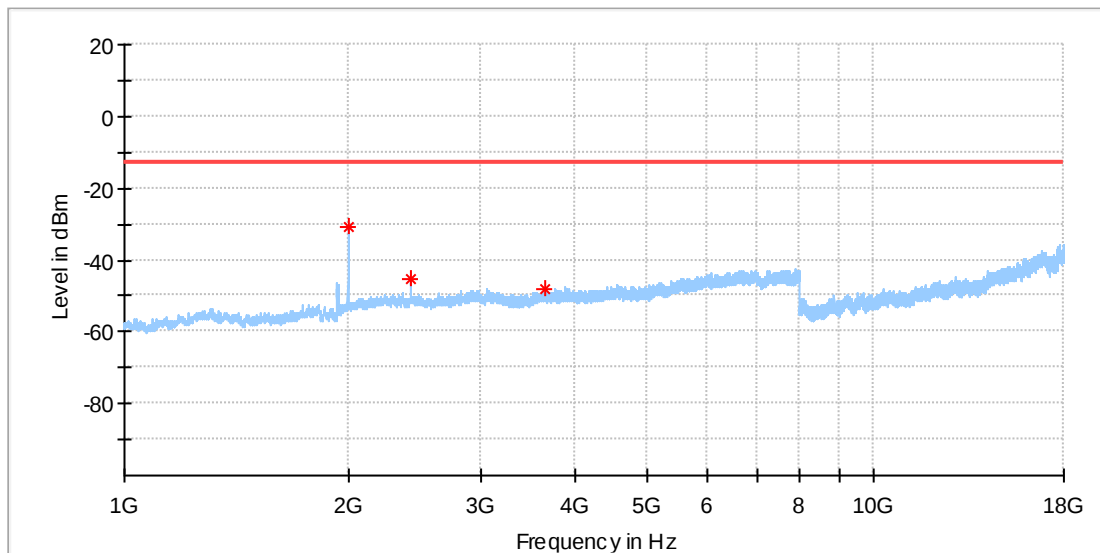


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1990.000000	-28.60	-13.00	15.60	100.0	V	58.0	-89.7
2414.000000	-44.33	-13.00	31.33	100.0	V	157.0	-88.1
3841.000000	-48.49	-13.00	35.49	100.0	V	293.0	-86.8
5782.000000	-45.40	-13.00	32.40	100.0	V	286.0	-83.5

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

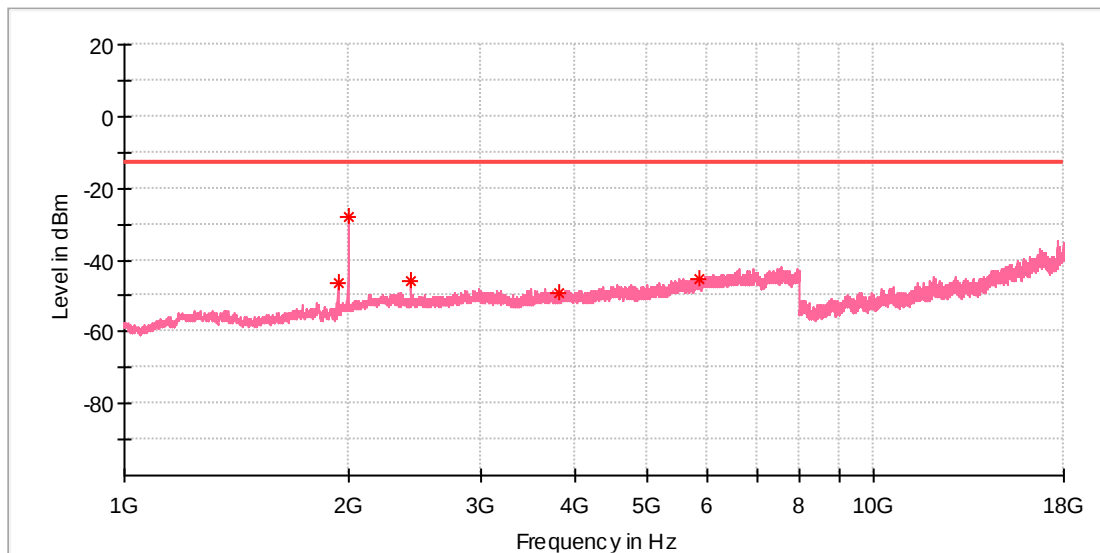


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1989.500000	-30.56	-13.00	17.56	100.0	H	261.0	-89.3
2412.000000	-45.55	-13.00	32.55	100.0	H	74.0	-87.7
3645.000000	-48.11	-13.00	35.11	100.0	H	358.0	-86.8

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX High 15kHz QPSK 12@0
Test Voltage:: DC 3.8V
Remark: Temp 22 Humi:54%
Test Standard: FCC Part 24 and RSS-133 Issue 6
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

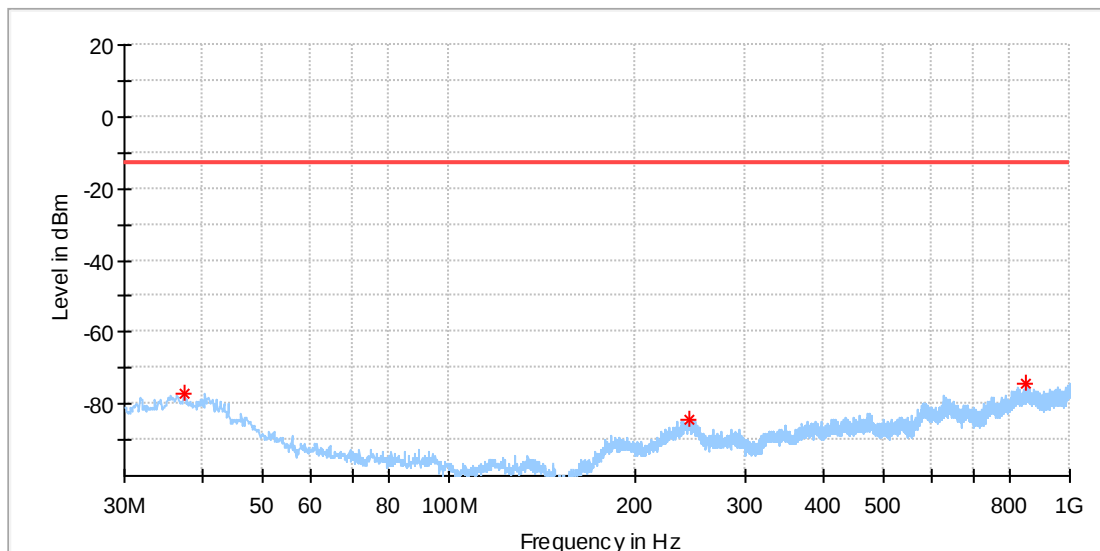
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1928.500000	-46.70	-13.00	33.70	100.0	V	47.0	-89.4
1990.000000	-27.75	-13.00	14.75	100.0	V	0.0	-89.7
2414.500000	-45.81	-13.00	32.81	100.0	V	255.0	-88.1
3808.500000	-49.29	-13.00	36.29	100.0	V	29.0	-87.0
5869.000000	-45.36	-13.00	32.36	100.0	V	50.0	-83.2

Appendix L.2: Field Strength of Spurious Radiation for Band 4

Below 1 GHz
 BPSK

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
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

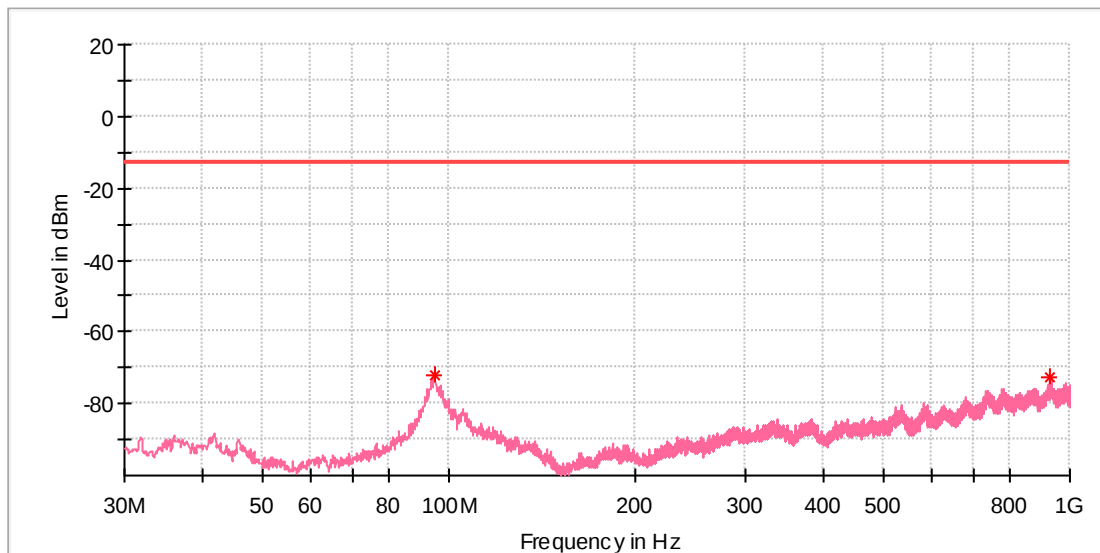


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.396250	-77.21	-13.00	64.22	100.0	H	330.0	-113.6
242.915000	-84.20	-13.00	71.20	100.0	H	81.0	-110.0
849.650000	-74.45	-13.00	61.45	100.0	H	144.0	-100.1

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
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



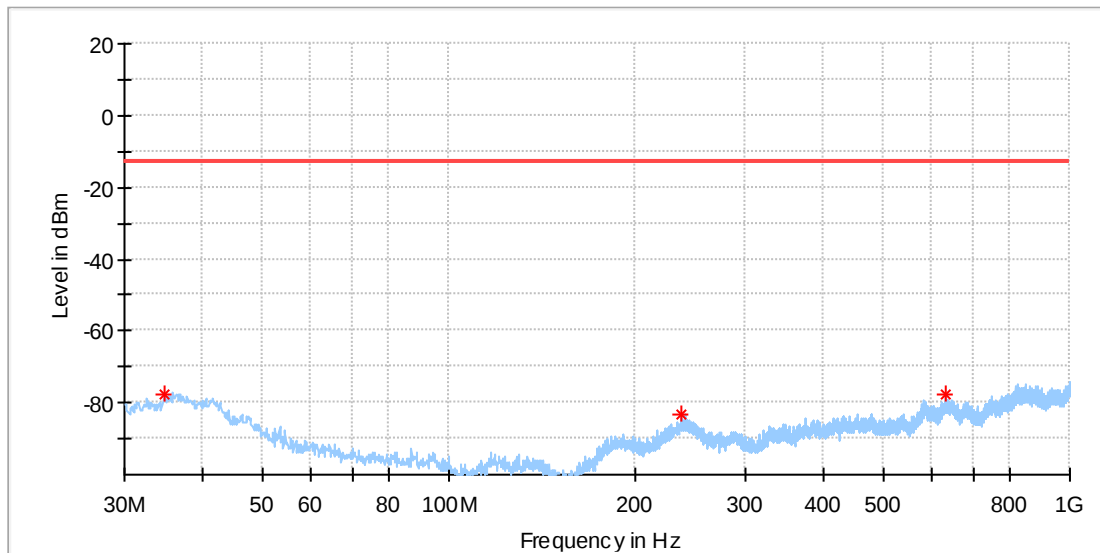
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.626250	-72.00	-13.00	59.00	100.0	V	334.0	-99.6
927.977500	-72.89	-13.00	59.89	100.0	V	249.0	-100.4

QPSK

EUT Information

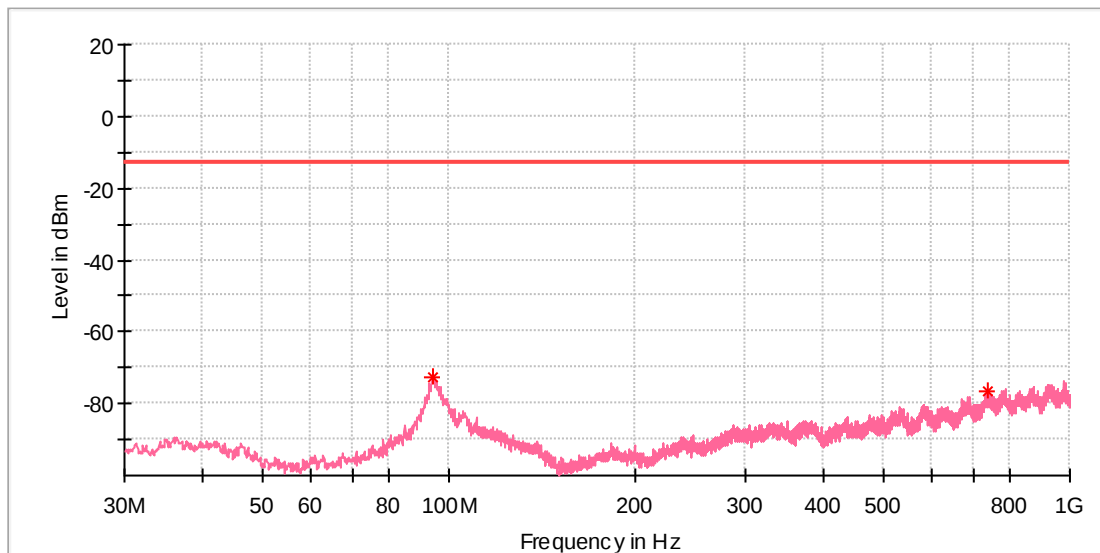
EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
34.850000	-77.54	-13.00	64.54	100.0	H	267.0	-115.0
236.852500	-83.33	-13.00	70.33	100.0	H	50.0	-111.1
630.915000	-77.47	-13.00	64.47	100.0	H	359.0	-105.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz QPSK 1@0
Test Voltage:	DC 3.8V
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

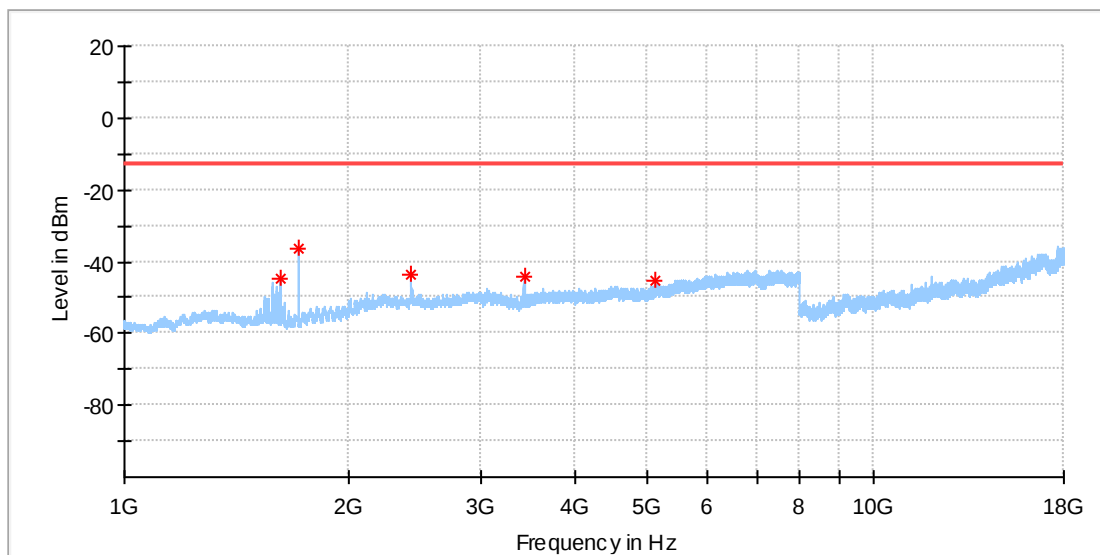
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.898750	-72.89	-13.00	59.89	100.0	V	261.0	-100.1
737.251250	-76.49	-13.00	63.49	100.0	V	30.0	-102.2

Produkte
Products

Above 1 GHz
Low Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

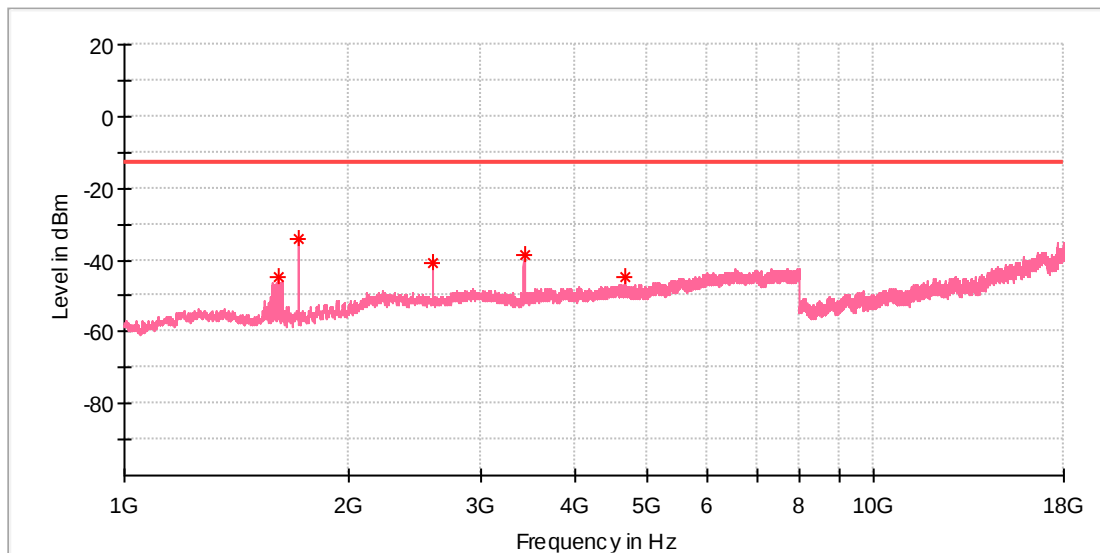


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1616.500000	-44.58	-13.00	31.58	100.0	H	80.0	-93.1
1710.000000	-36.20	-13.00	23.20	100.0	H	80.0	-92.1
2418.500000	-43.48	-13.00	30.48	100.0	H	318.0	-87.6
3420.000000	-44.02	-13.00	31.02	100.0	H	36.0	-87.9
5130.000000	-45.44	-13.00	32.44	100.0	H	141.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

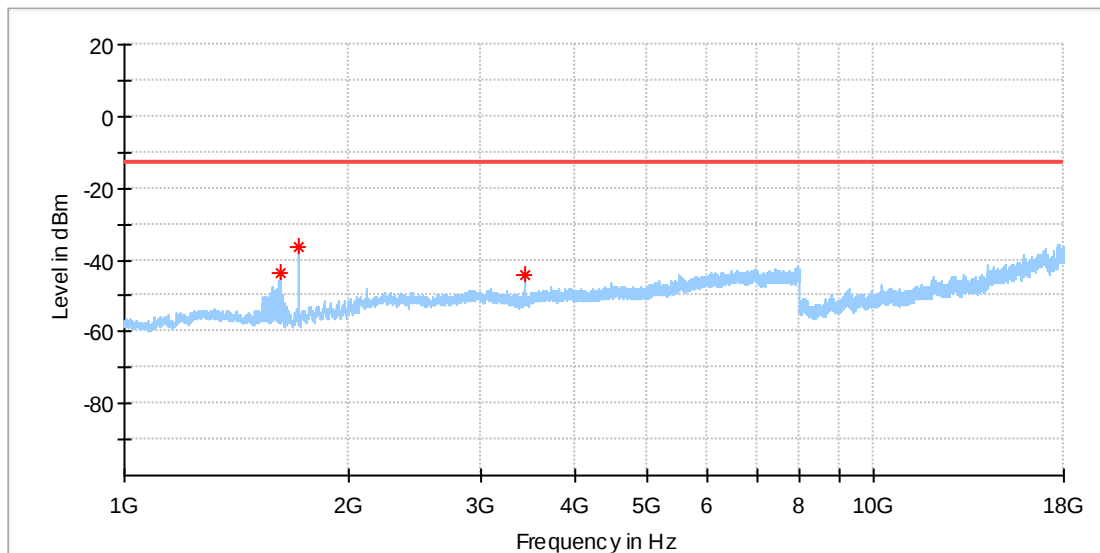


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1609.500000	-45.01	-13.00	32.01	100.0	V	34.0	-93.0
1710.000000	-34.15	-13.00	21.15	100.0	V	45.0	-91.9
2579.500000	-40.75	-13.00	27.75	100.0	V	270.0	-88.1
3419.500000	-38.62	-13.00	25.62	100.0	V	288.0	-87.7
4669.500000	-44.83	-13.00	31.83	100.0	V	129.0	-85.6

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@47
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

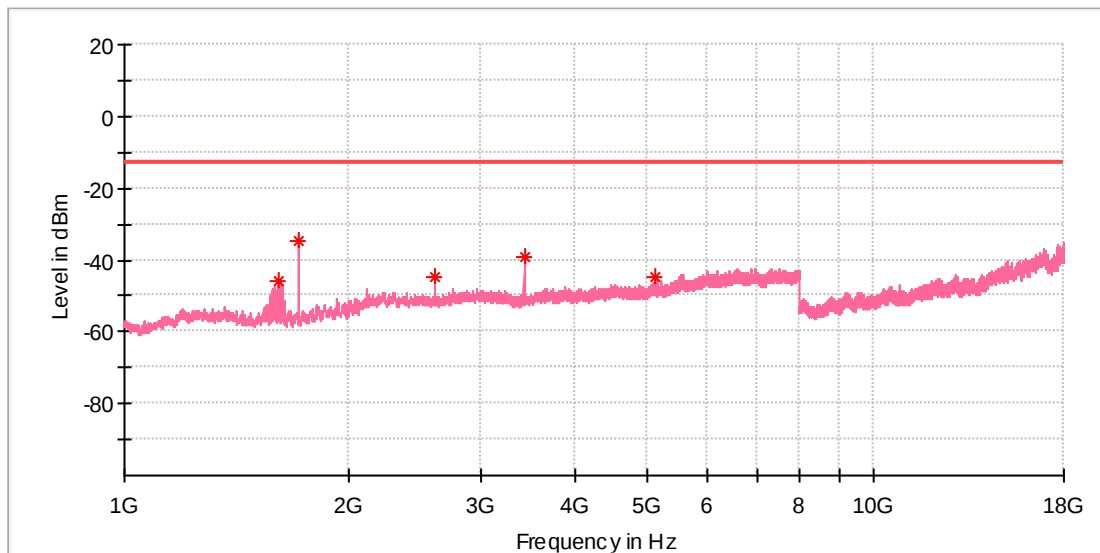


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1614.500000	-43.38	-13.00	30.38	100.0	H	85.0	-93.2
1710.000000	-36.25	-13.00	23.25	100.0	H	80.0	-92.1
3420.000000	-44.16	-13.00	31.16	100.0	H	37.0	-87.9

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
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

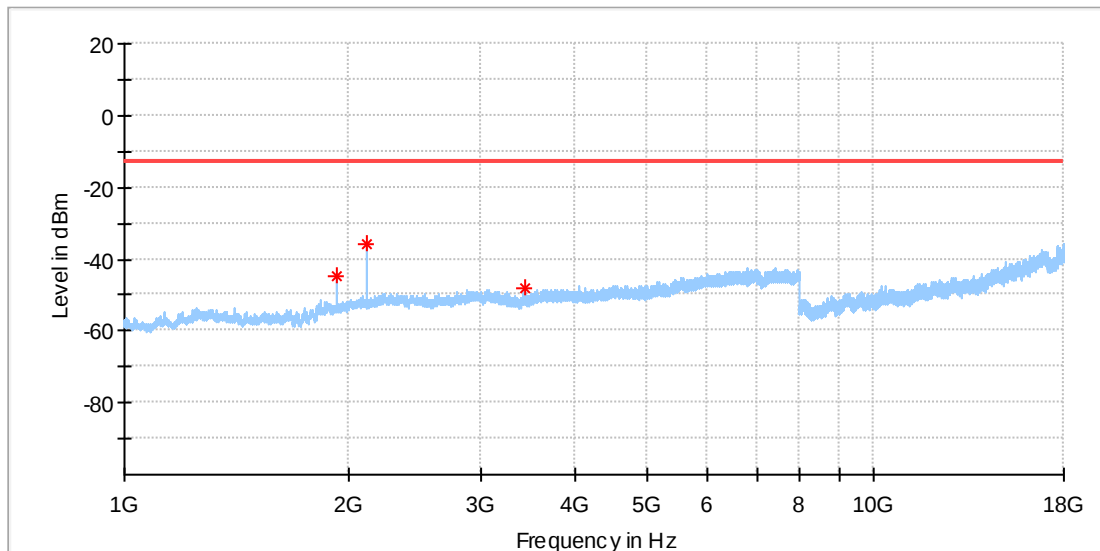
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1607.500000	-45.88	-13.00	32.88	100.0	V	20.0	-93.0
1710.000000	-34.68	-13.00	21.68	100.0	V	49.0	-91.9
2593.000000	-44.50	-13.00	31.50	100.0	V	37.0	-88.1
3420.000000	-38.94	-13.00	25.94	100.0	V	289.0	-87.7
5130.500000	-44.75	-13.00	31.75	100.0	V	73.0	-84.9

Produkte
Products

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

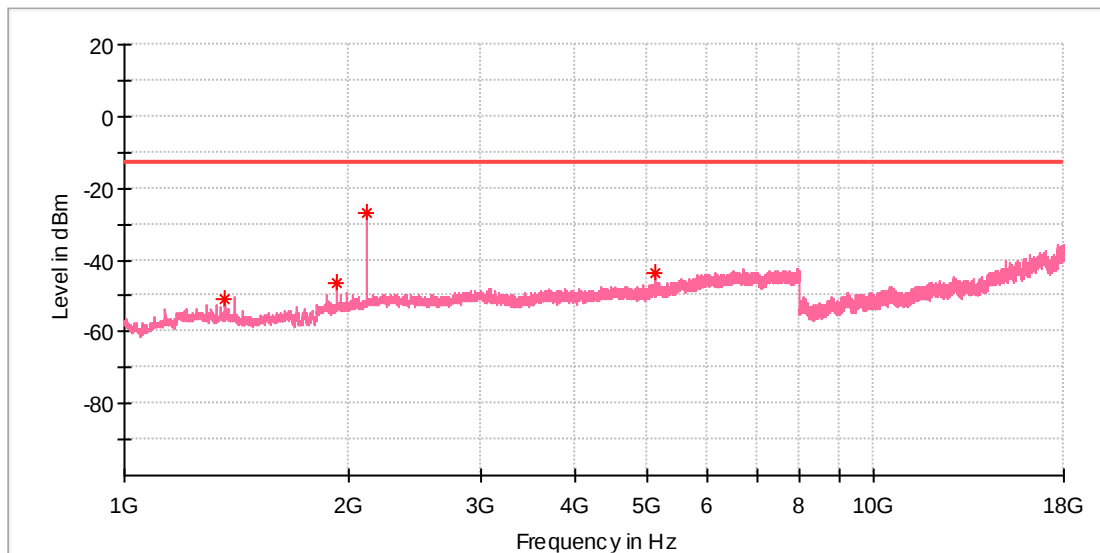


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1922.000000	-44.66	-13.00	31.66	100.0	H	297.0	-90.1
2110.000000	-35.59	-13.00	22.59	100.0	H	18.0	-89.0
3419.500000	-48.31	-13.00	35.31	100.0	H	350.0	-87.9

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

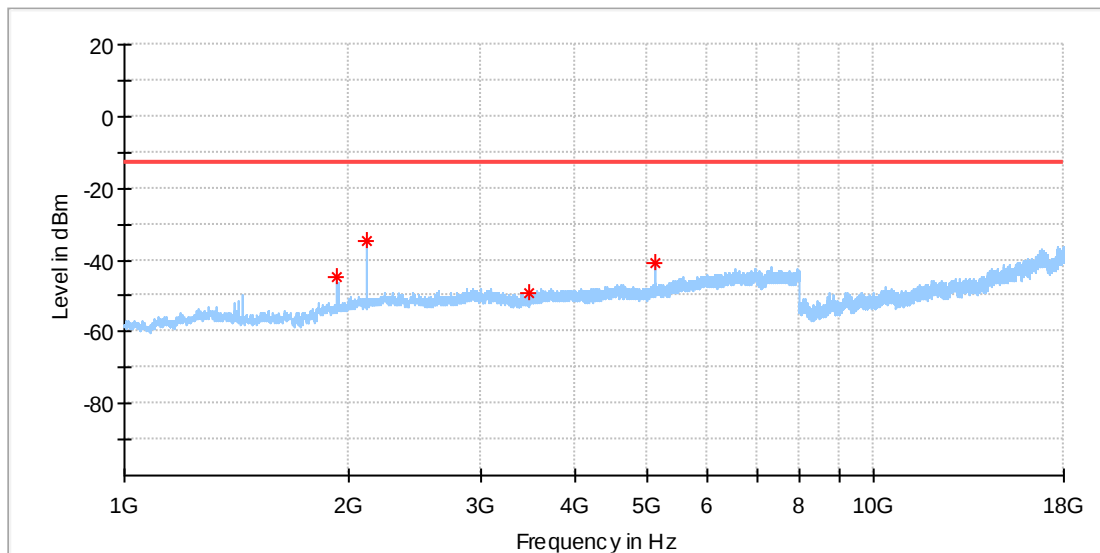


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1364.000000	-50.61	-13.00	37.61	100.0	V	246.0	-92.0
1925.500000	-46.54	-13.00	33.54	100.0	V	0.0	-89.5
2110.000000	-27.15	-13.00	14.15	100.0	V	305.0	-88.6
5130.000000	-43.81	-13.00	30.81	100.0	V	244.0	-84.9

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

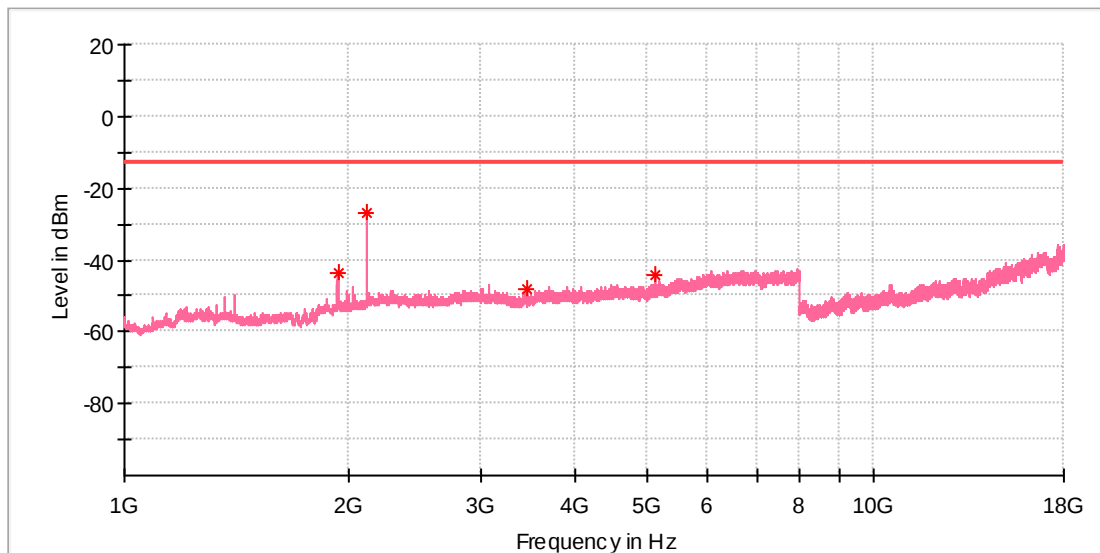


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1925.500000	-45.01	-13.00	32.01	100.0	H	64.0	-90.1
2110.500000	-34.97	-13.00	21.97	100.0	H	231.0	-89.0
3464.000000	-49.02	-13.00	36.02	100.0	H	169.0	-88.1
5130.000000	-40.83	-13.00	27.83	100.0	H	267.0	-84.8

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Low 15kHz BPSK 1@11
Test Voltage:: DC 3.8V
Remark: Temp 22 Humi:54%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

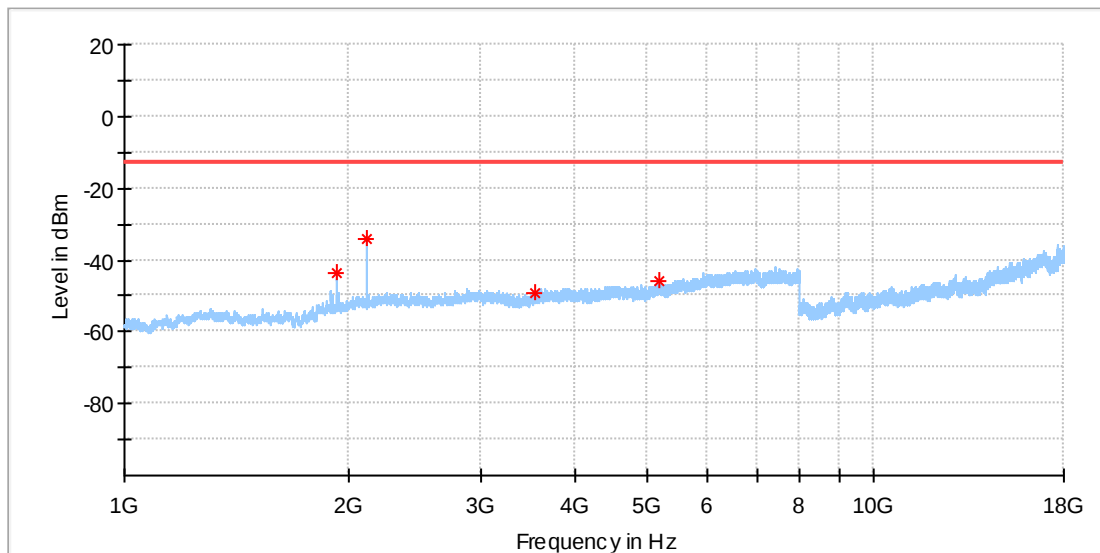


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1928.500000	-43.41	-13.00	30.41	100.0	V	89.0	-89.4
2110.000000	-27.16	-13.00	14.16	100.0	V	302.0	-88.6
3452.000000	-48.06	-13.00	35.06	100.0	V	259.0	-87.6
5130.000000	-44.37	-13.00	31.37	100.0	V	287.0	-84.9

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

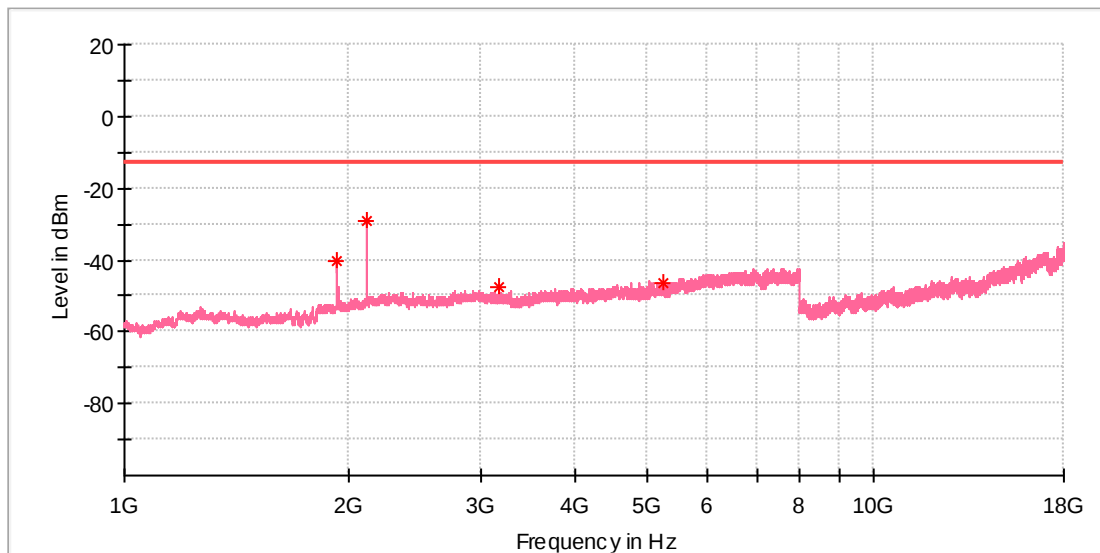


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1922.500000	-43.89	-13.00	30.89	100.0	H	28.0	-90.1
2110.000000	-34.11	-13.00	21.11	100.0	H	228.0	-89.0
3537.500000	-49.48	-13.00	36.48	100.0	H	338.0	-87.0
5187.500000	-46.14	-13.00	33.14	100.0	H	129.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:54%
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

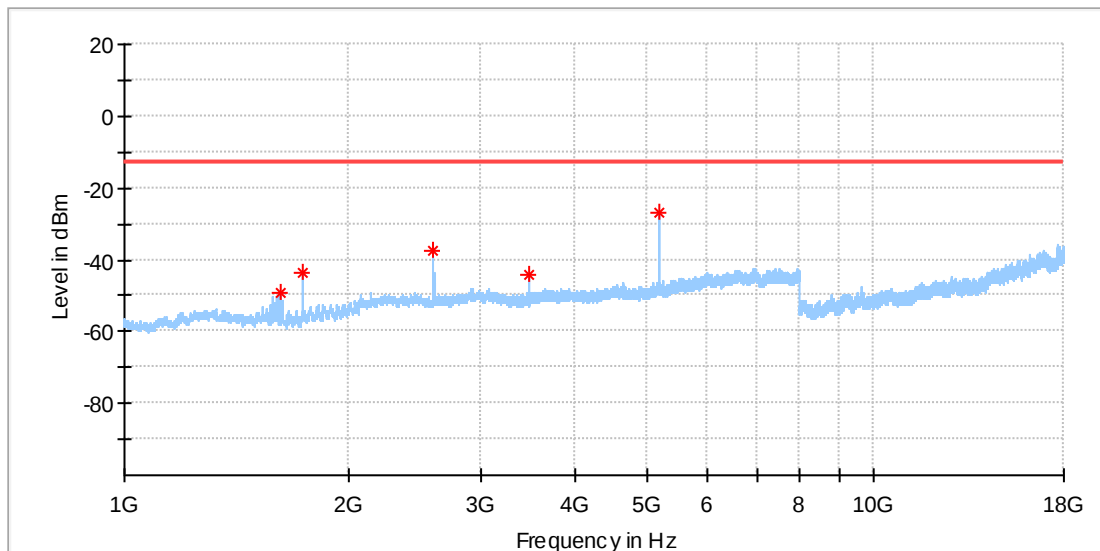
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1924.500000	-40.05	-13.00	27.05	100.0	V	337.0	-89.5
2110.000000	-28.94	-13.00	15.94	100.0	V	0.0	-88.6
3163.000000	-47.66	-13.00	34.66	100.0	V	2.0	-86.9
5250.500000	-46.32	-13.00	33.32	100.0	V	323.0	-85.0

Produkte
Products

Mid Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

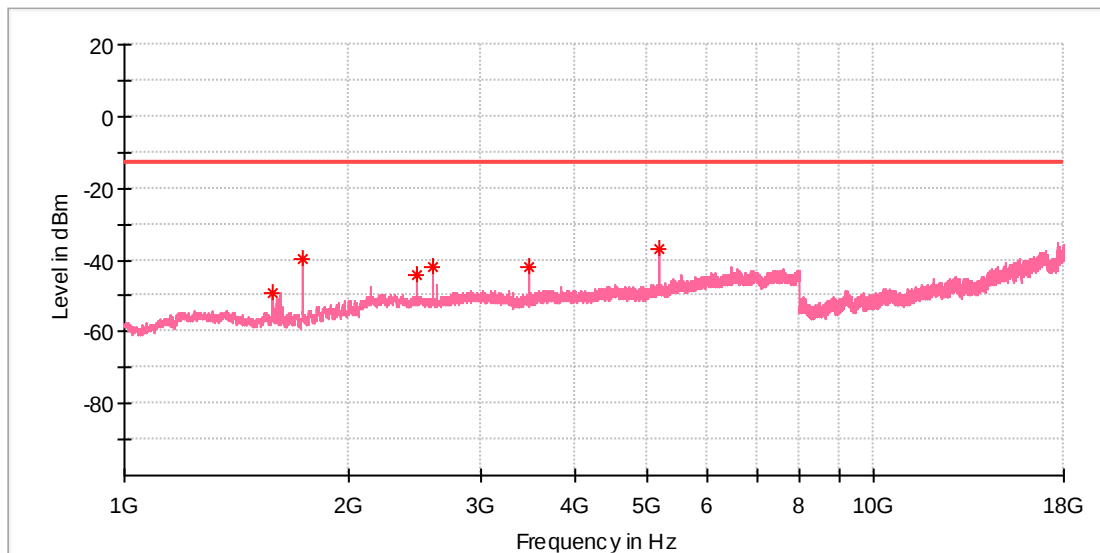


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1620.500000	-49.26	-13.00	36.26	100.0	H	85.0	-93.1
1732.500000	-43.49	-13.00	30.49	100.0	H	73.0	-91.4
2579.500000	-37.66	-13.00	24.66	100.0	H	149.0	-88.6
3464.500000	-44.13	-13.00	31.13	100.0	H	64.0	-88.1
5197.000000	-26.61	-13.00	13.61	100.0	H	133.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

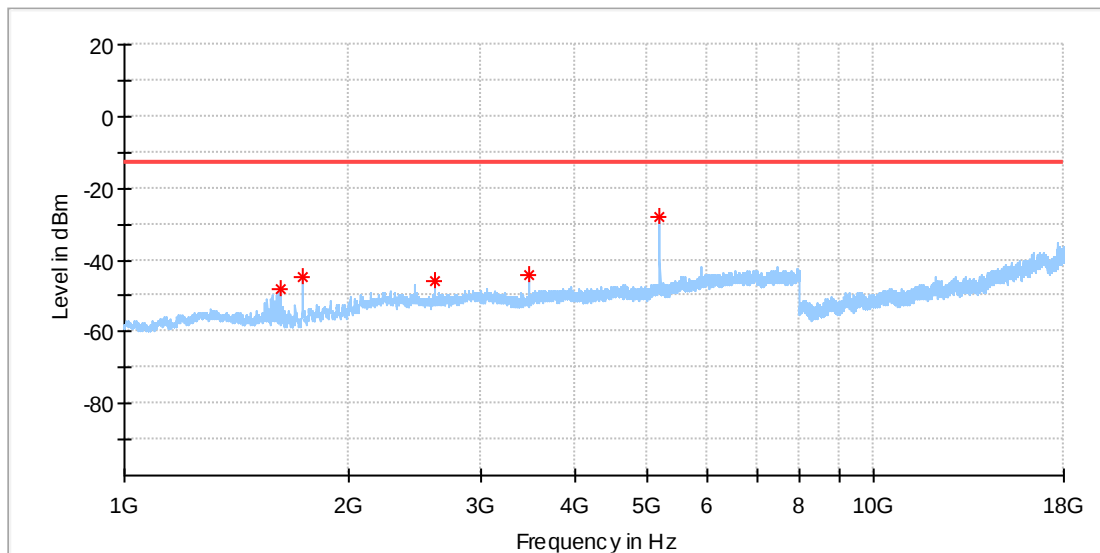


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1580.000000	-49.06	-13.00	36.06	100.0	V	54.0	-93.1
1732.500000	-39.49	-13.00	26.49	100.0	V	48.0	-91.6
2457.000000	-44.14	-13.00	31.14	100.0	V	211.0	-88.1
2579.500000	-41.77	-13.00	28.77	100.0	V	141.0	-88.1
3465.000000	-41.93	-13.00	28.93	100.0	V	31.0	-87.8
5197.000000	-36.93	-13.00	23.93	100.0	V	340.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

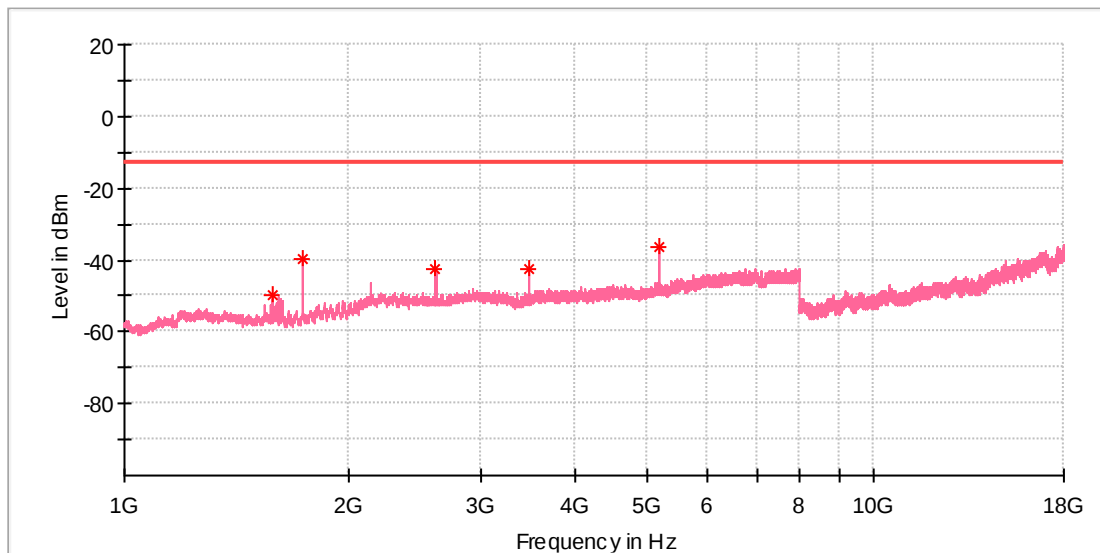


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1614.000000	-48.26	-13.00	35.26	100.0	H	91.0	-93.2
1732.500000	-44.57	-13.00	31.57	100.0	H	79.0	-91.4
2594.000000	-45.68	-13.00	32.68	100.0	H	239.0	-88.2
3465.000000	-43.93	-13.00	30.93	100.0	H	59.0	-88.1
5198.000000	-27.91	-13.00	14.91	100.0	H	122.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



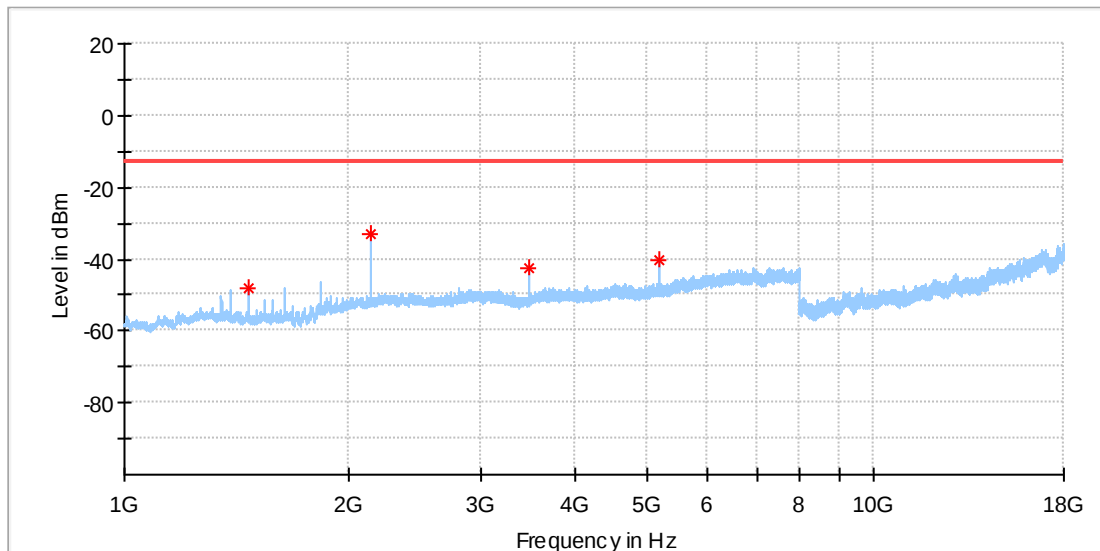
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1579.000000	-50.01	-13.00	37.01	100.0	V	56.0	-93.0
1732.500000	-39.89	-13.00	26.89	100.0	V	45.0	-91.6
2598.500000	-42.37	-13.00	29.37	100.0	V	307.0	-88.1
3465.000000	-42.57	-13.00	29.57	100.0	V	44.0	-87.8
5198.000000	-36.42	-13.00	23.42	100.0	V	58.0	-84.8

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

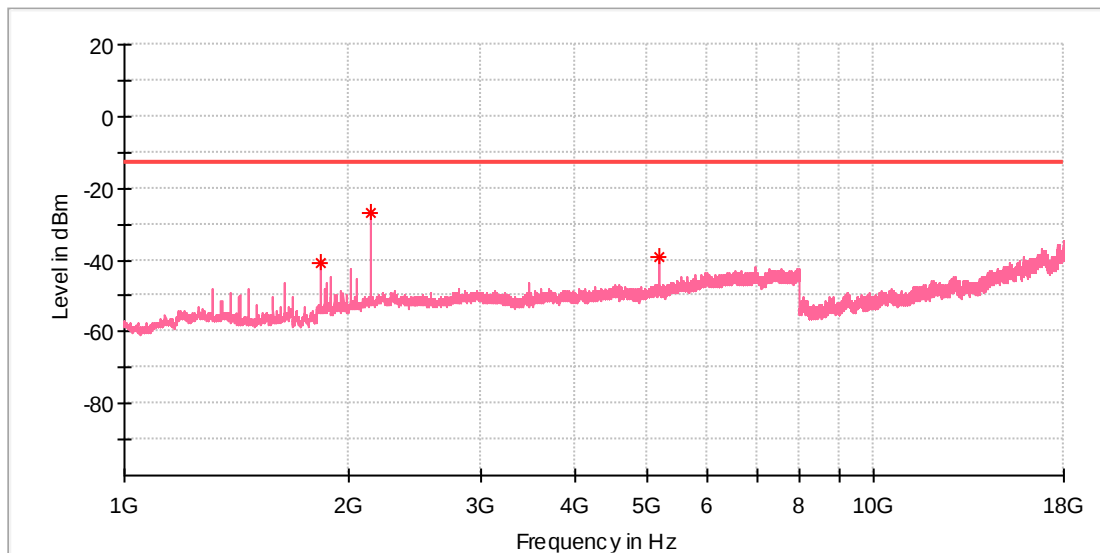


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1463.500000	-48.22	-13.00	35.22	100.0	H	0.0	-93.2
2132.000000	-32.98	-13.00	19.98	100.0	H	320.0	-88.2
3465.000000	-42.45	-13.00	29.45	100.0	H	64.0	-88.1
5197.500000	-40.31	-13.00	27.31	100.0	H	322.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

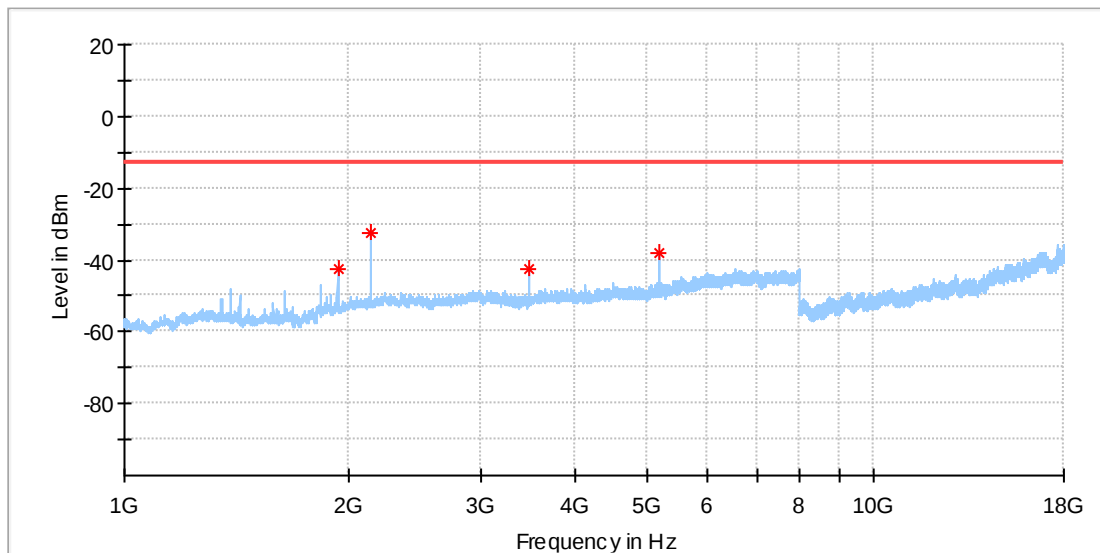


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1828.500000	-40.61	-13.00	27.61	100.0	V	74.0	-90.1
2132.500000	-27.11	-13.00	14.11	100.0	V	127.0	-87.7
5197.000000	-39.14	-13.00	26.14	100.0	V	33.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

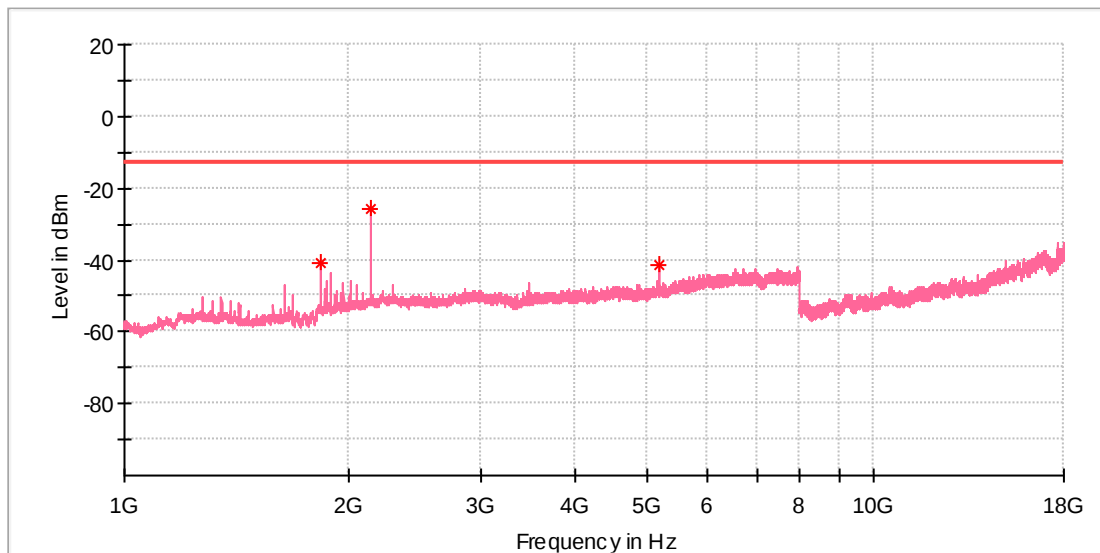


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1929.000000	-42.72	-13.00	29.72	100.0	H	31.0	-90.1
2132.500000	-32.19	-13.00	19.19	100.0	H	260.0	-88.2
3465.000000	-42.34	-13.00	29.34	100.0	H	204.0	-88.1
5197.500000	-38.23	-13.00	25.23	100.0	H	142.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

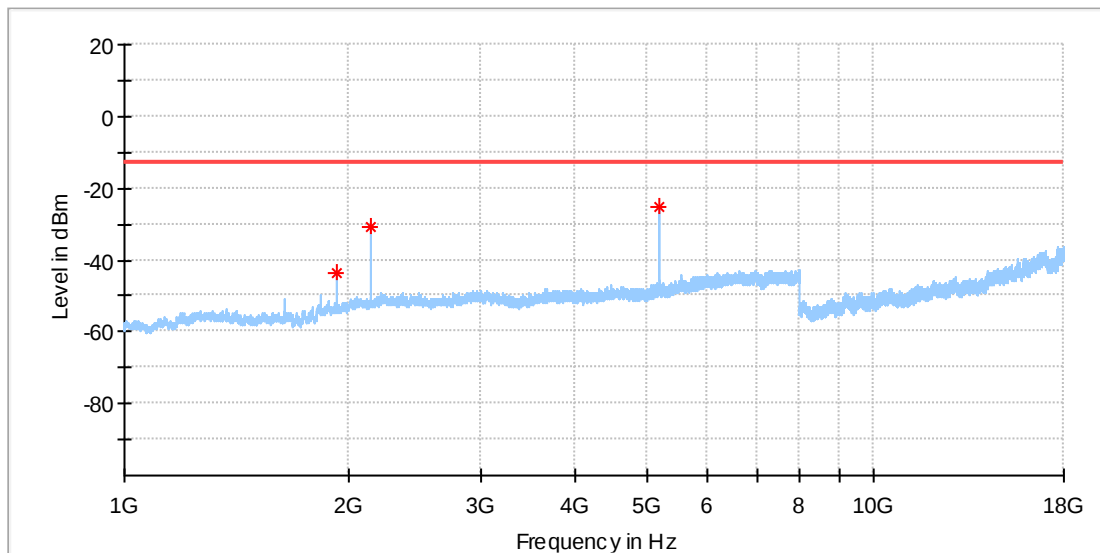


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1828.500000	-40.73	-13.00	27.73	100.0	V	71.0	-90.1
2133.000000	-25.52	-13.00	12.52	100.0	V	289.0	-87.7
5197.500000	-41.50	-13.00	28.50	100.0	V	31.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

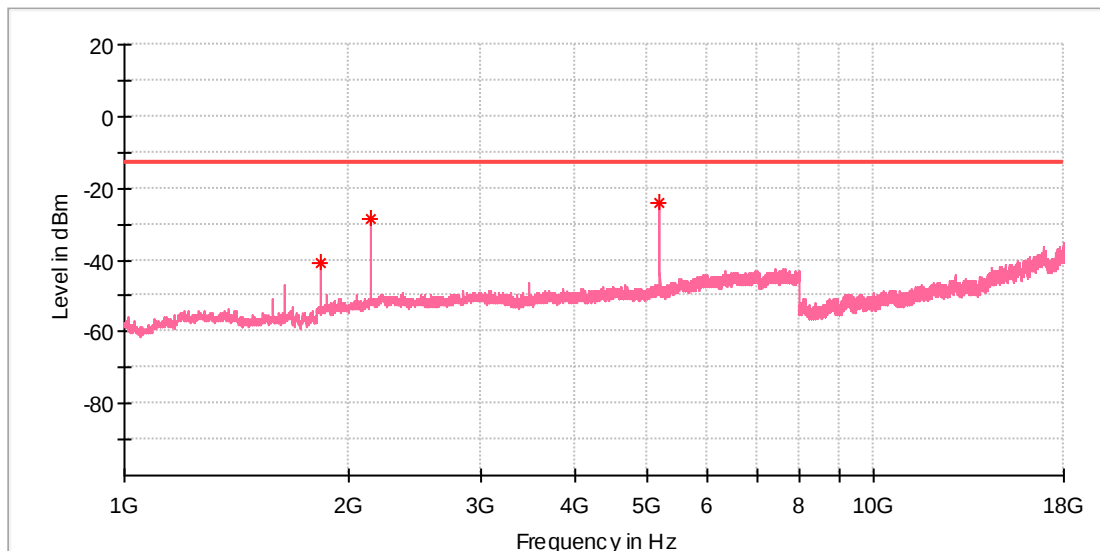


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1926.000000	-43.54	-13.00	30.54	100.0	H	296.0	-90.1
2132.500000	-30.90	-13.00	17.90	100.0	H	261.0	-88.2
5197.500000	-25.30	-13.00	12.30	100.0	H	106.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:54%
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

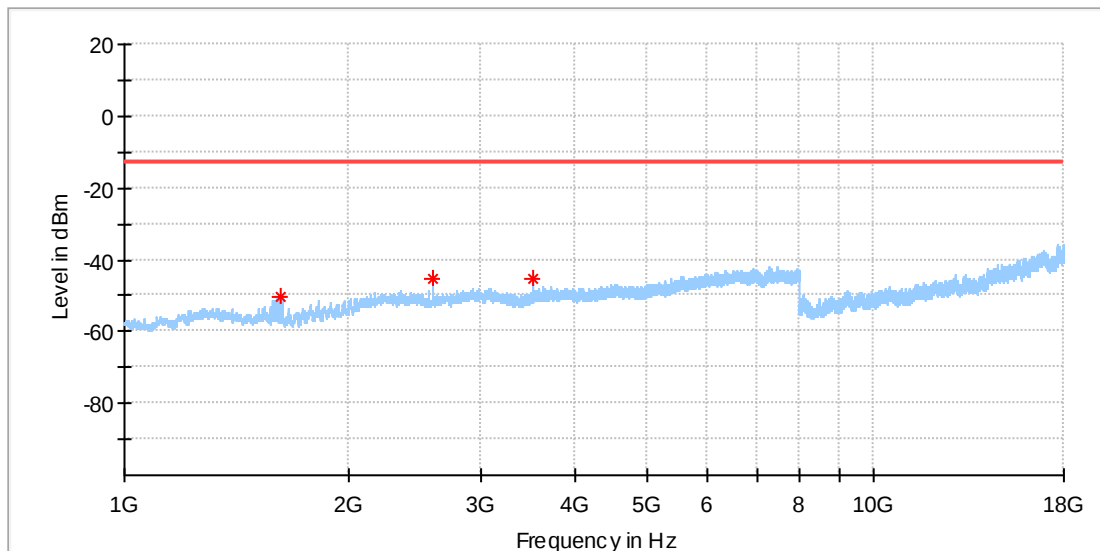
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1828.000000	-40.76	-13.00	27.76	100.0	V	71.0	-90.0
2132.500000	-28.47	-13.00	15.47	100.0	V	294.0	-87.7
5198.000000	-24.31	-13.00	11.31	100.0	V	4.0	-84.8

Produkte
Products

High Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

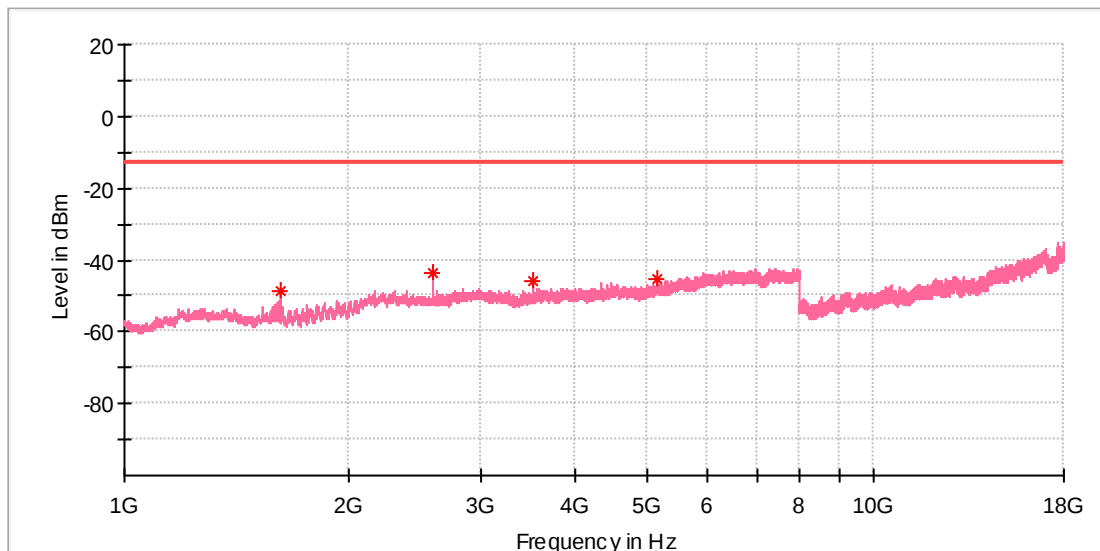


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1613.500000	-50.50	-13.00	37.50	100.0	H	139.0	-93.2
2588.000000	-45.30	-13.00	32.30	100.0	H	0.0	-88.4
3509.500000	-45.56	-13.00	32.56	100.0	H	31.0	-87.3

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX High 3.75kHz QPSK 1@0
Test Voltage: DC 3.8V
Remark: Temp 23 Humi:48%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

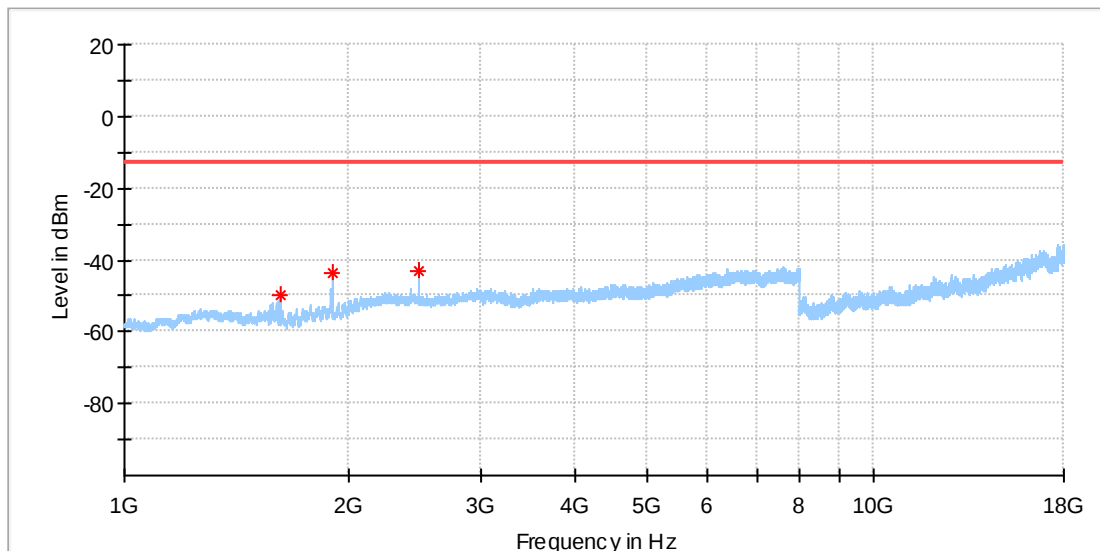


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1613.000000	-48.76	-13.00	35.76	100.0	V	0.0	-93.0
2589.000000	-43.41	-13.00	30.41	100.0	V	208.0	-88.1
3509.500000	-45.63	-13.00	32.63	100.0	V	322.0	-87.5
5155.500000	-45.12	-13.00	32.12	100.0	V	350.0	-84.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

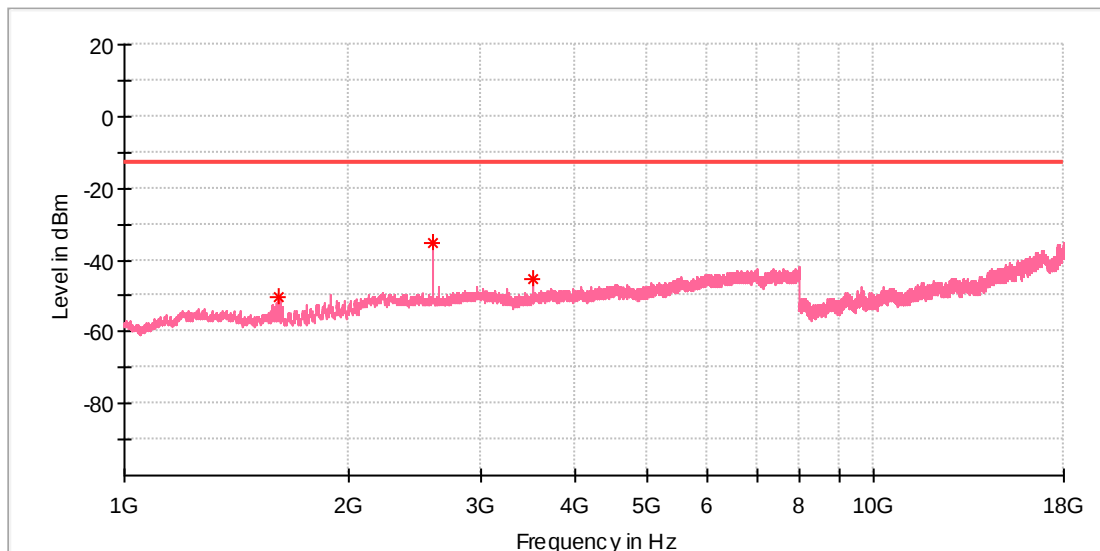


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1612.500000	-49.55	-13.00	36.55	100.0	H	85.0	-93.2
1894.000000	-43.41	-13.00	30.41	100.0	H	243.0	-90.3
2476.500000	-42.97	-13.00	29.97	100.0	H	132.0	-88.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@47
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:48%
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

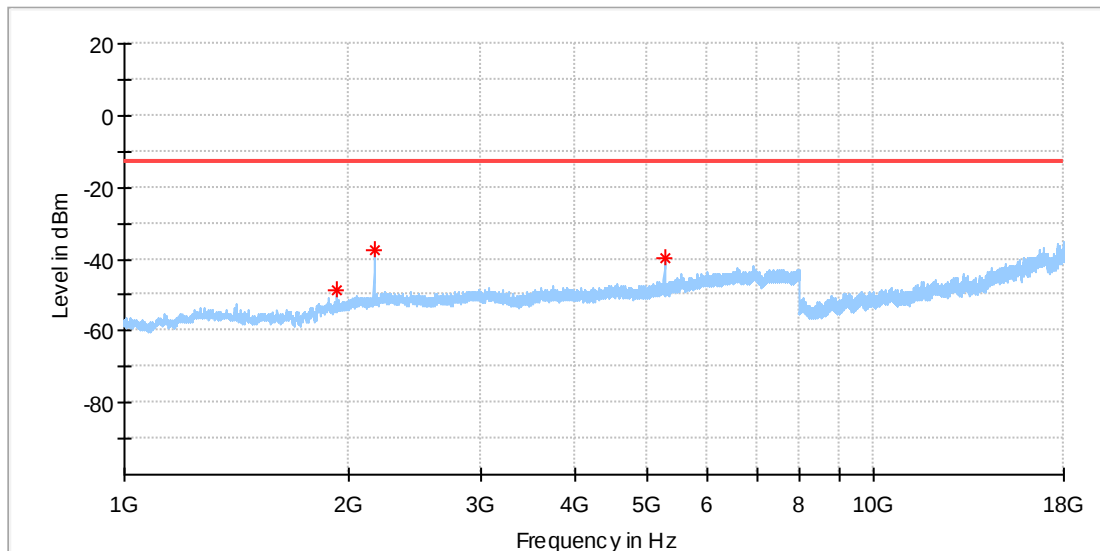
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1608.000000	-50.20	-13.00	37.20	100.0	V	25.0	-93.0
2578.000000	-35.32	-13.00	22.32	100.0	V	235.0	-88.1
3510.000000	-45.24	-13.00	32.24	100.0	V	344.0	-87.5

Produkte
Products

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

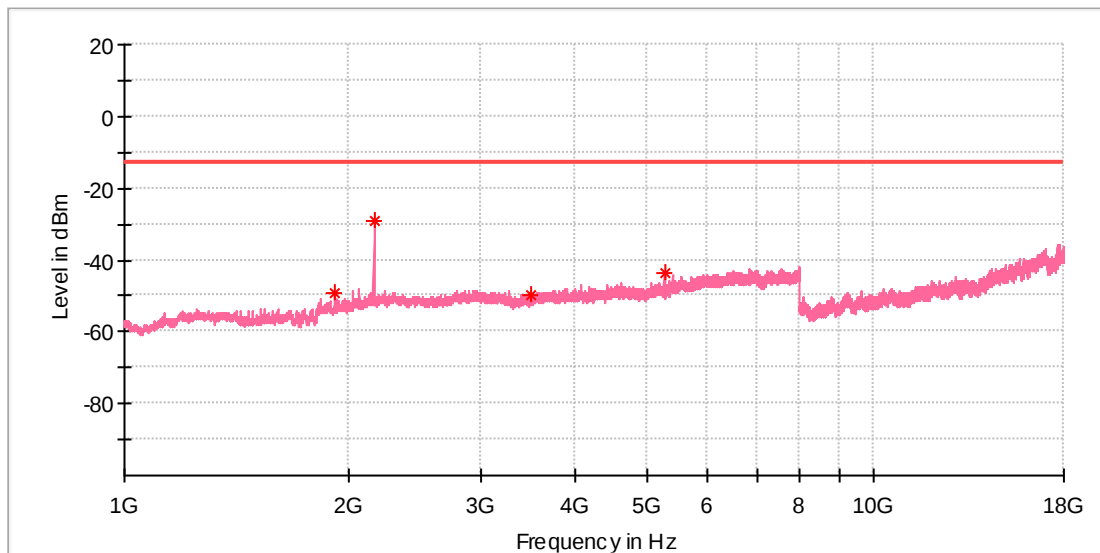


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1923.000000	-48.92	-13.00	35.92	100.0	H	0.0	-90.1
2155.000000	-37.64	-13.00	24.64	100.0	H	78.0	-88.6
5264.500000	-40.00	-13.00	27.00	100.0	H	268.0	-85.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

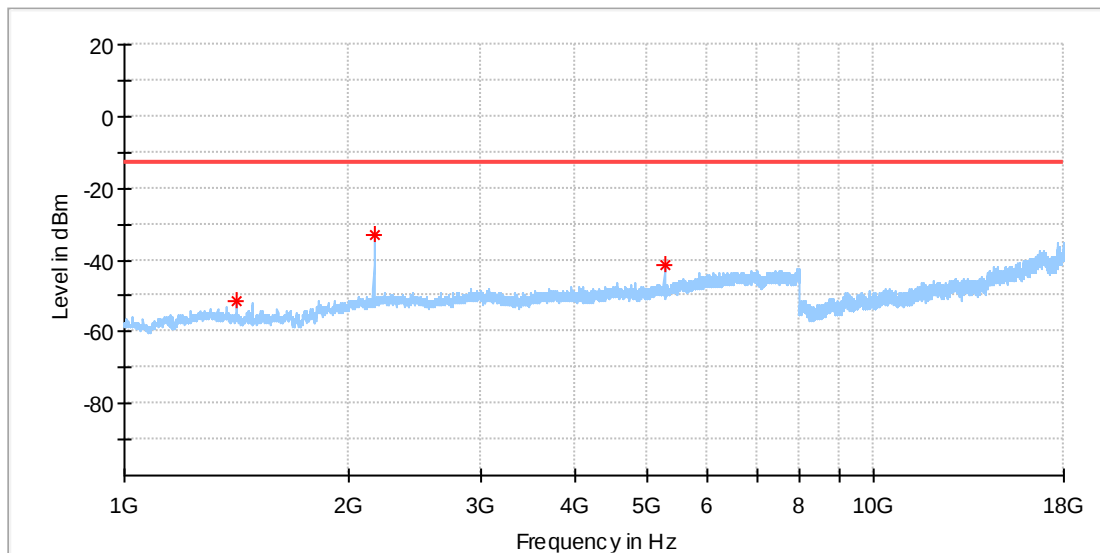


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1907.500000	-49.08	-13.00	36.08	100.0	V	302.0	-90.0
2155.000000	-28.87	-13.00	15.87	100.0	V	291.0	-88.1
3502.500000	-49.55	-13.00	36.55	100.0	V	50.0	-87.6
5264.500000	-43.72	-13.00	30.72	100.0	V	240.0	-85.1

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

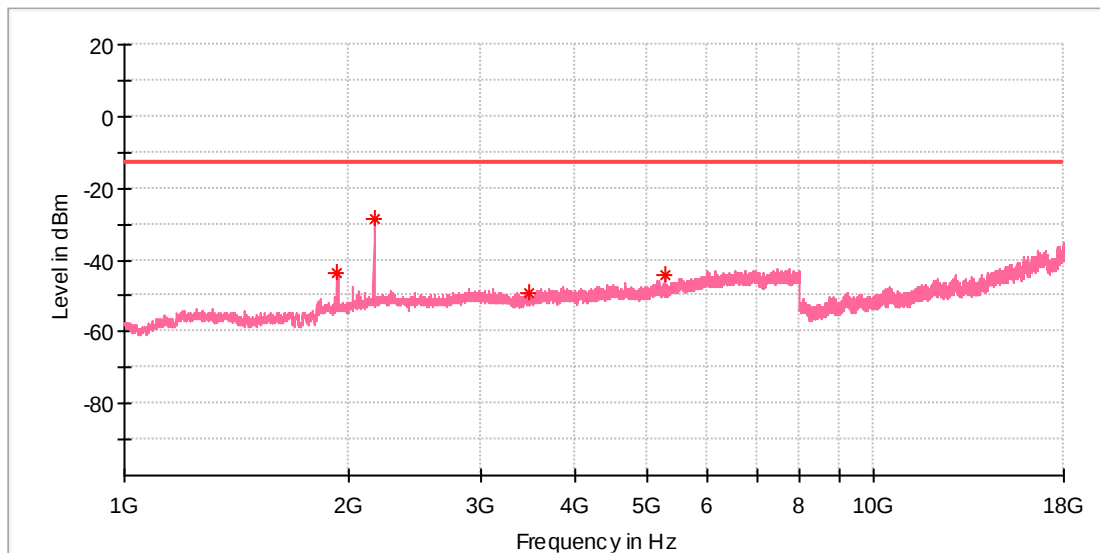


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.500000	-51.56	-13.00	38.56	100.0	H	125.0	-92.7
2155.000000	-32.82	-13.00	19.82	100.0	H	237.0	-88.6
5264.500000	-41.46	-13.00	28.46	100.0	H	229.0	-85.0

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX High 15kHz BPSK 1@11
Test Voltage:: DC 3.8V
Remark: Temp 22 Humi:54%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

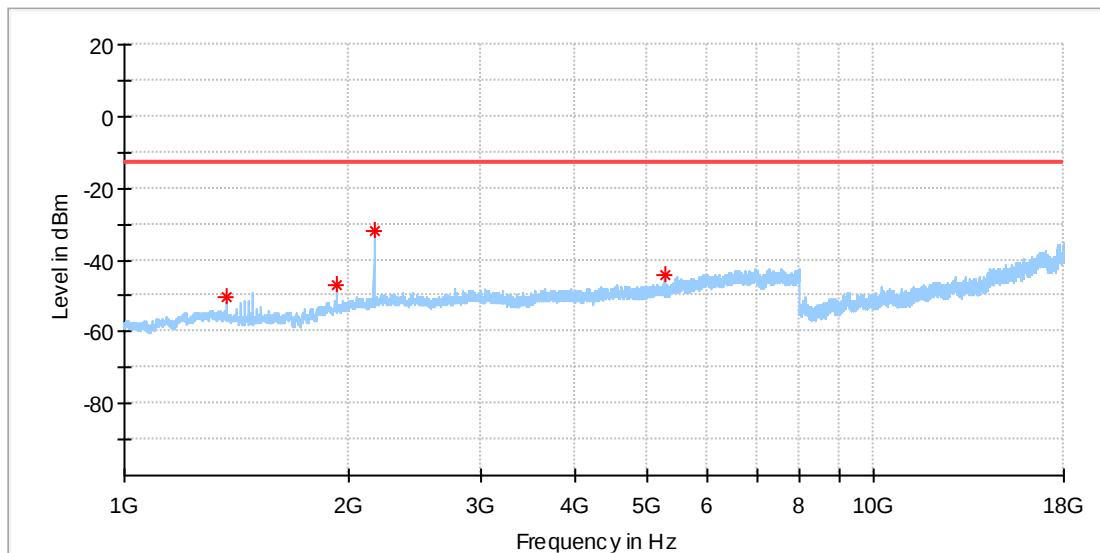


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1927.500000	-43.88	-13.00	30.88	100.0	V	152.0	-89.5
2155.000000	-28.60	-13.00	15.60	100.0	V	58.0	-88.1
3480.500000	-49.42	-13.00	36.42	100.0	V	10.0	-87.8
5264.500000	-44.25	-13.00	31.25	100.0	V	277.0	-85.1

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

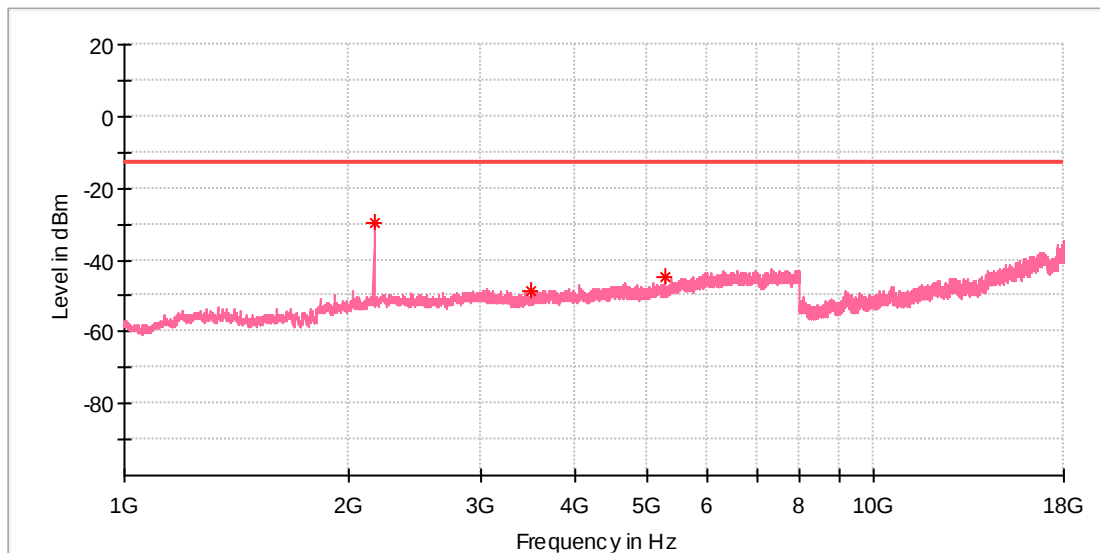


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1370.500000	-50.33	-13.00	37.33	100.0	H	353.0	-92.2
1924.500000	-47.25	-13.00	34.25	100.0	H	62.0	-90.1
2155.000000	-31.76	-13.00	18.76	100.0	H	75.0	-88.6
5264.000000	-44.41	-13.00	31.41	100.0	H	267.0	-85.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:54%
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

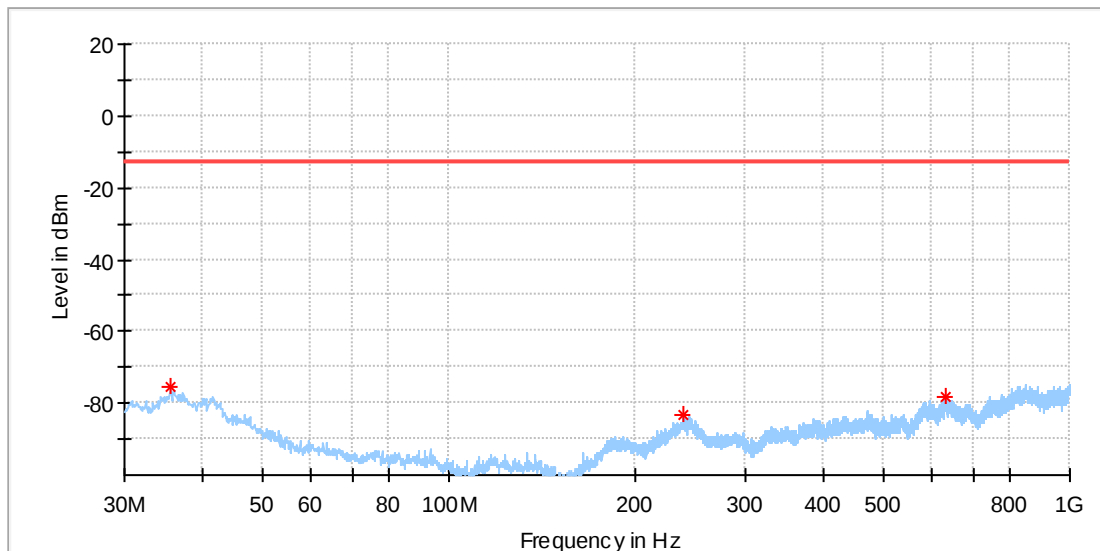
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2155.000000	-29.67	-13.00	16.67	100.0	V	46.0	-88.1
3492.000000	-48.93	-13.00	35.93	100.0	V	67.0	-87.7
5264.500000	-44.89	-13.00	31.89	100.0	V	243.0	-85.1

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

Below 1 GHz
BPSK

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 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

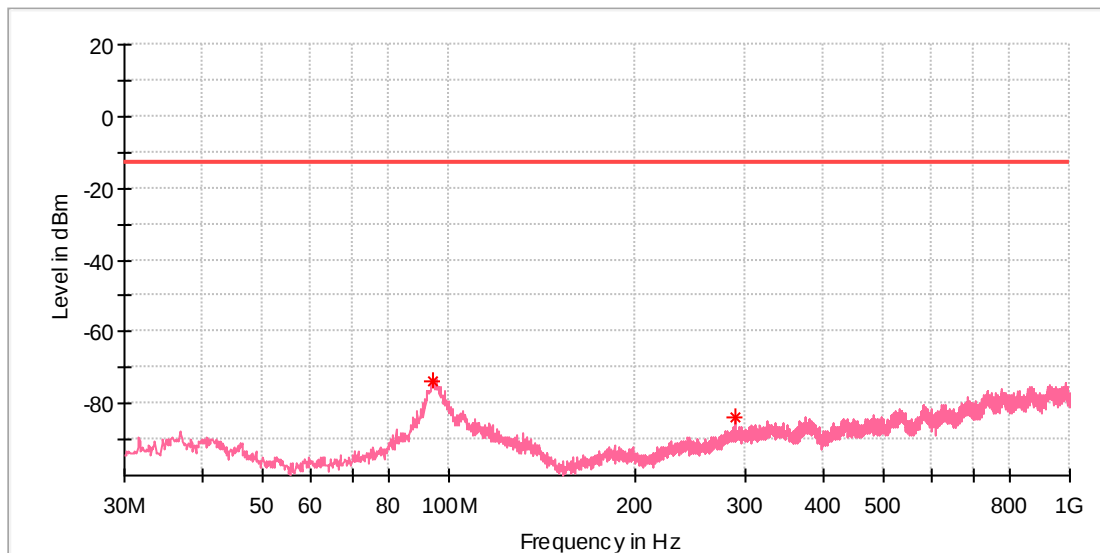


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.698750	-75.52	-13.00	62.52	100.0	H	225.0	-113.7
238.671250	-83.46	-13.00	70.46	100.0	H	356.0	-110.7
631.885000	-78.35	-13.00	65.35	100.0	H	301.0	-105.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 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

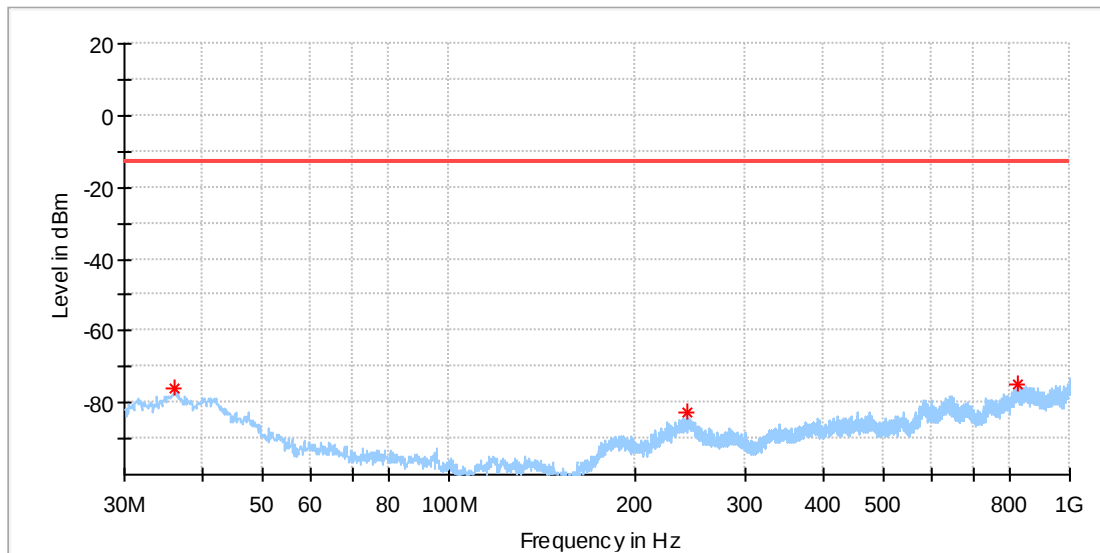
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.262500	-73.60	-13.00	60.60	100.0	V	336.0	-99.6
289.960000	-83.91	-13.00	70.91	100.0	V	336.0	-112.6

Produkte
Products

QPSK

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz QPSK 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

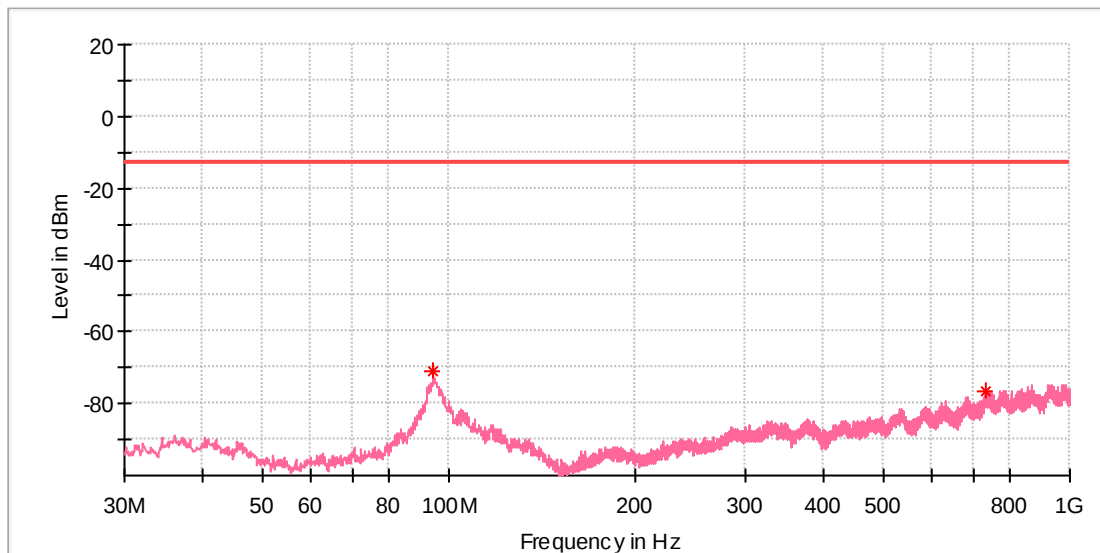


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.183750	-76.24	-13.00	63.24	100.0	H	262.0	-113.3
241.096250	-82.84	-13.00	69.84	100.0	H	316.0	-110.3
824.551250	-74.80	-13.00	61.80	100.0	H	60.0	-101.4

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz QPSK 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

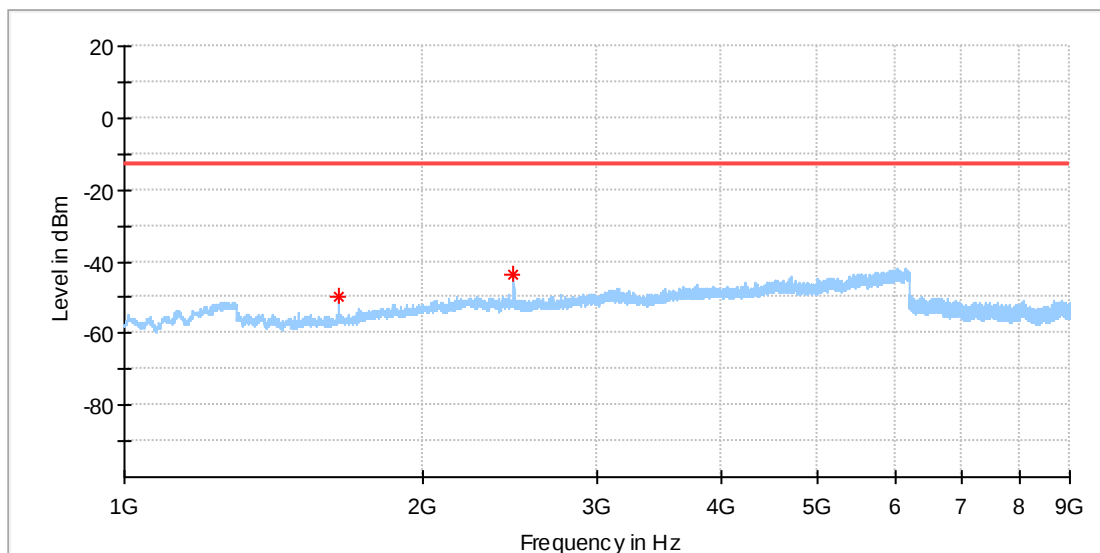
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.141250	-71.21	-13.00	58.21	100.0	V	72.0	-99.7
733.128750	-76.31	-13.00	63.31	100.0	V	235.0	-102.7

Produkte
Products

Above 1 GHz
Low Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

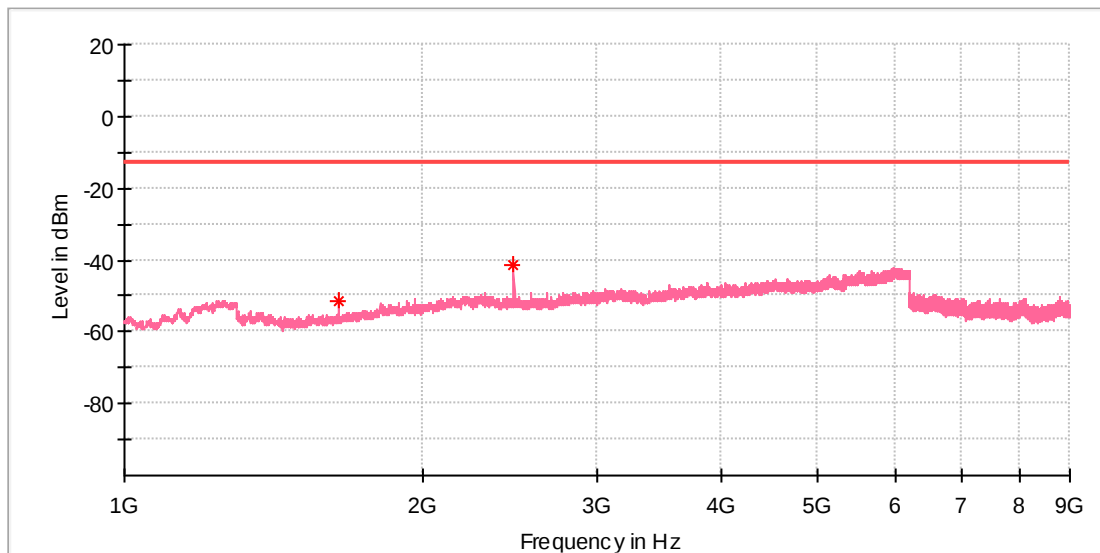


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-49.72	-13.00	36.72	100.0	H	58.0	-92.4
2472.000000	-43.41	-13.00	30.41	100.0	H	337.0	-87.9

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

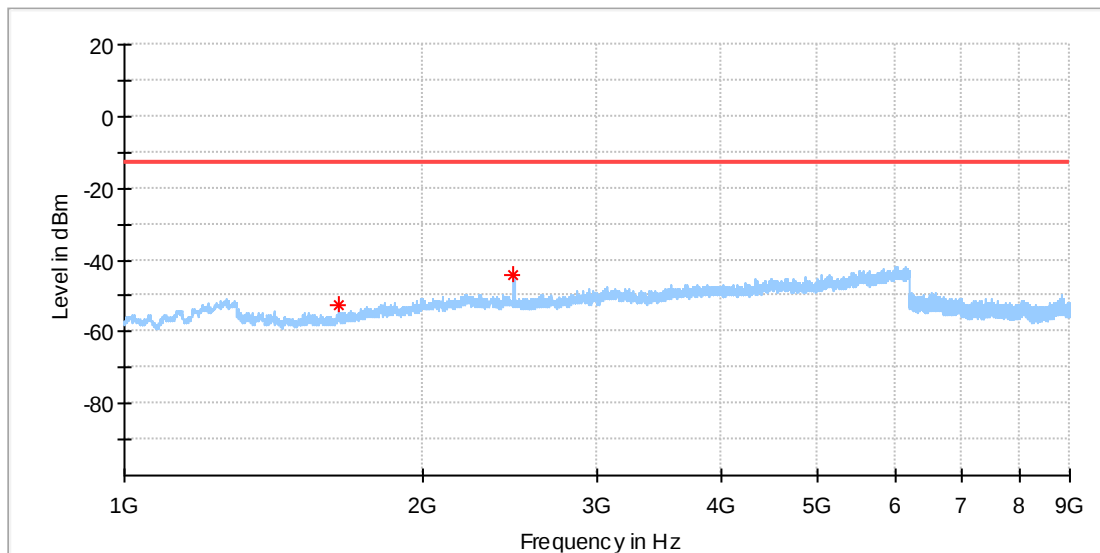


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1647.500000	-51.60	-13.00	38.60	100.0	V	92.0	-92.4
2472.000000	-41.48	-13.00	28.48	100.0	V	44.0	-88.0

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Low 3.75kHz QPSK 1@47
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin

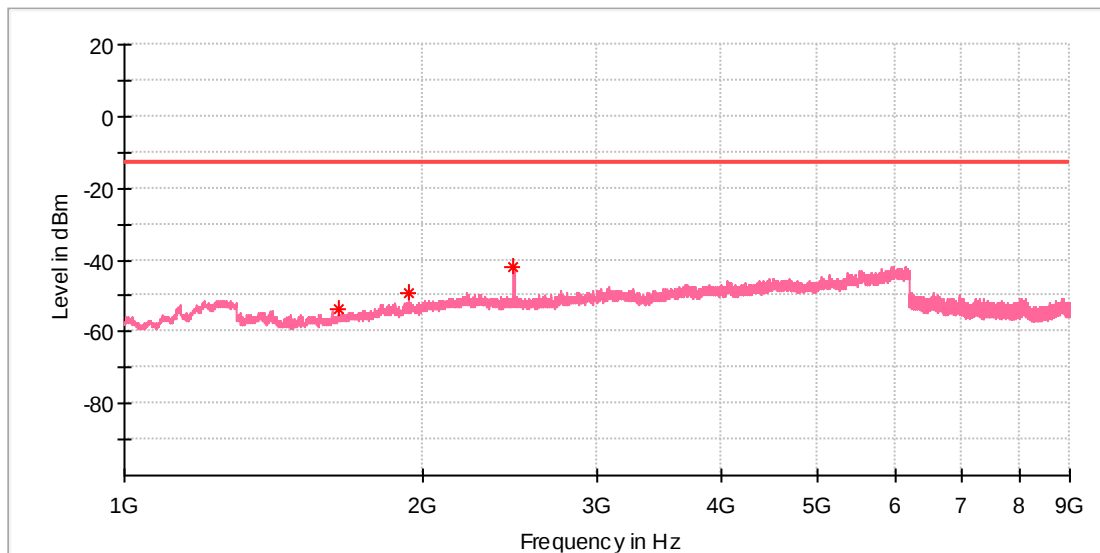


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-52.72	-13.00	39.72	100.0	H	143.0	-92.4
2472.500000	-44.03	-13.00	31.03	100.0	H	338.0	-87.9

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Low 3.75kHz QPSK 1@47
Test Voltage: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



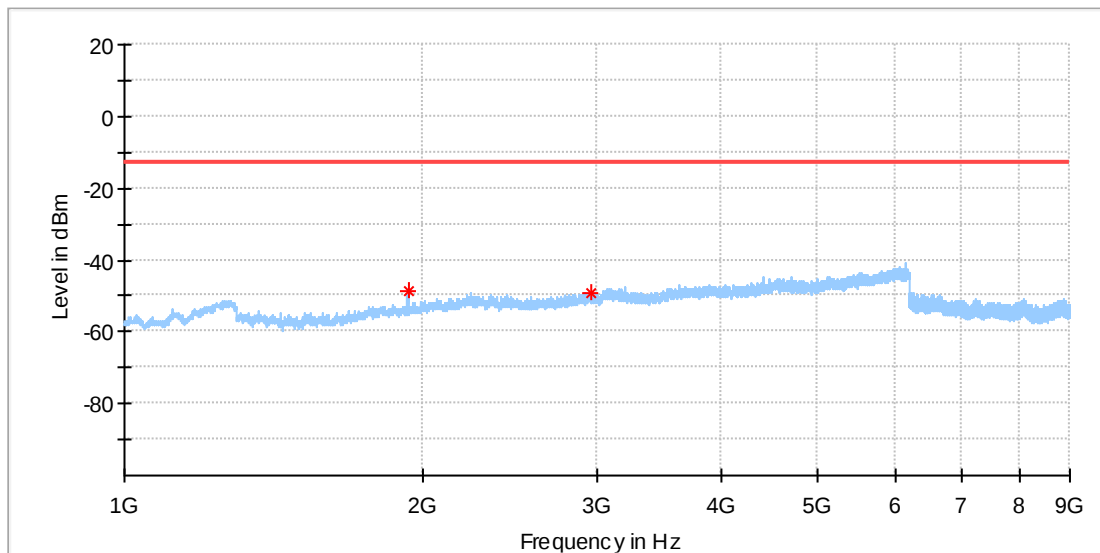
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-53.78	-13.00	40.78	100.0	V	74.0	-92.4
1939.000000	-49.29	-13.00	36.29	100.0	V	74.0	-89.5
2472.500000	-41.96	-13.00	28.96	100.0	V	53.0	-88.0

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

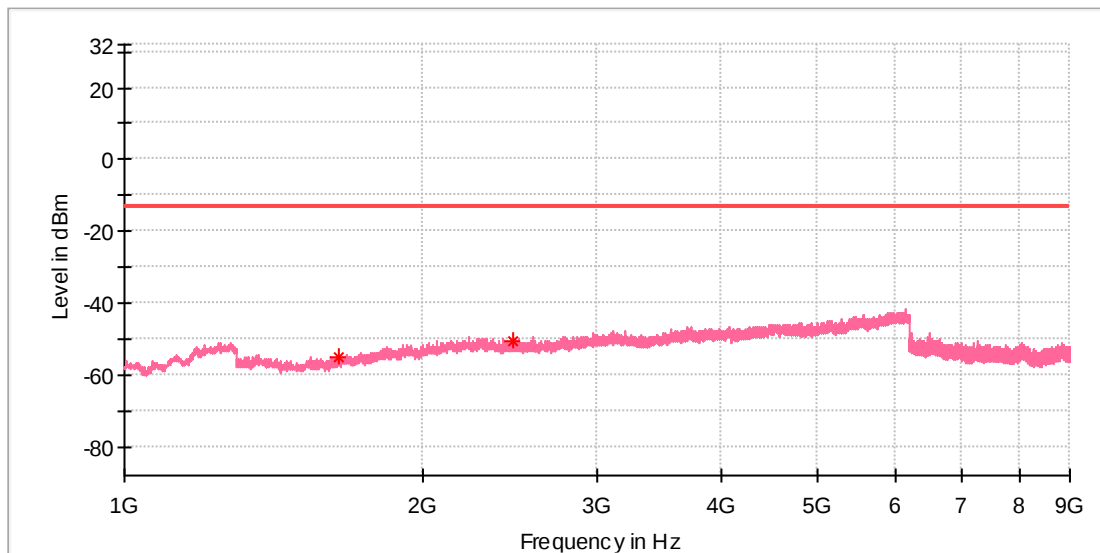


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1933.500000	-48.60	-13.00	35.60	100.0	H	12.0	-90.0
2954.500000	-49.21	-13.00	36.21	100.0	H	12.0	-86.8

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Low 15kHz BPSK 1@0
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin

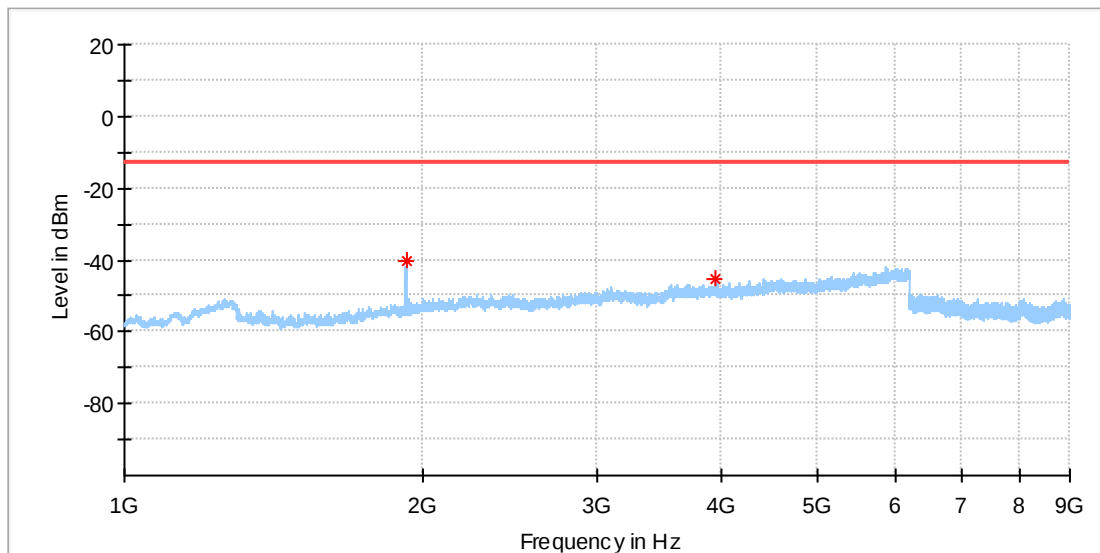


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1645.500000	-55.31	-13.00	42.31	100.0	V	22.0	-92.4
2462.500000	-50.88	-13.00	37.88	100.0	V	359.0	-88.1

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

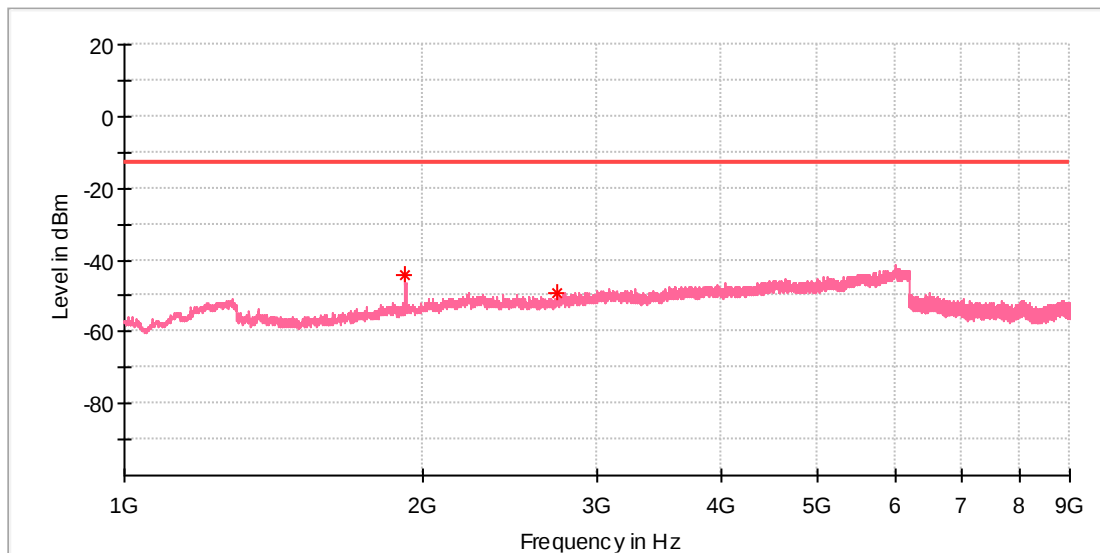


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1926.000000	-40.04	-13.00	27.04	100.0	H	7.0	-90.1
3945.000000	-45.55	-13.00	32.55	100.0	H	145.0	-84.9

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Low 15kHz BPSK 1@11
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin

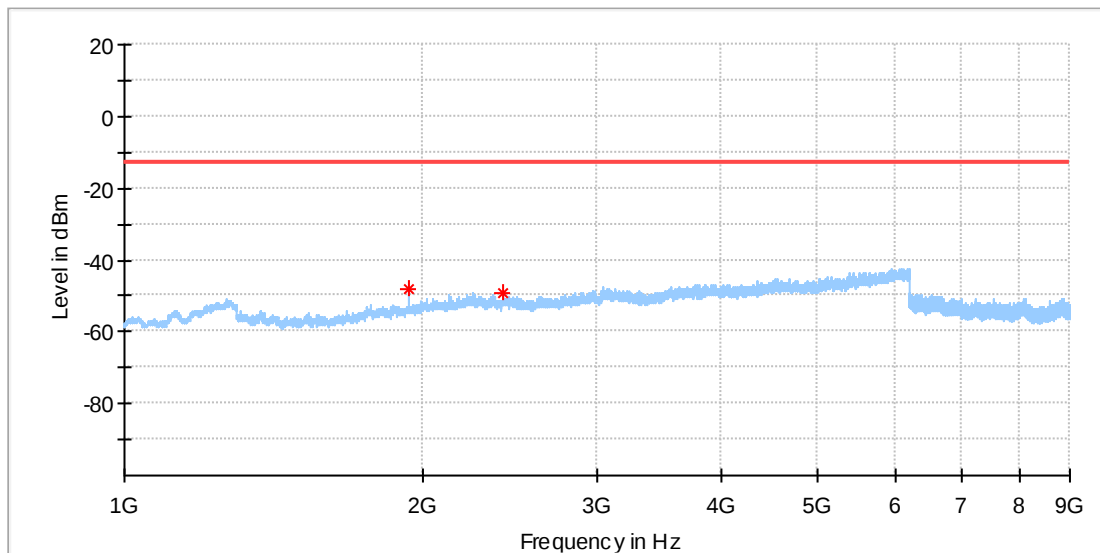


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1922.500000	-44.30	-13.00	31.30	100.0	V	119.0	-89.6
2737.500000	-49.13	-13.00	36.13	100.0	V	9.0	-87.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

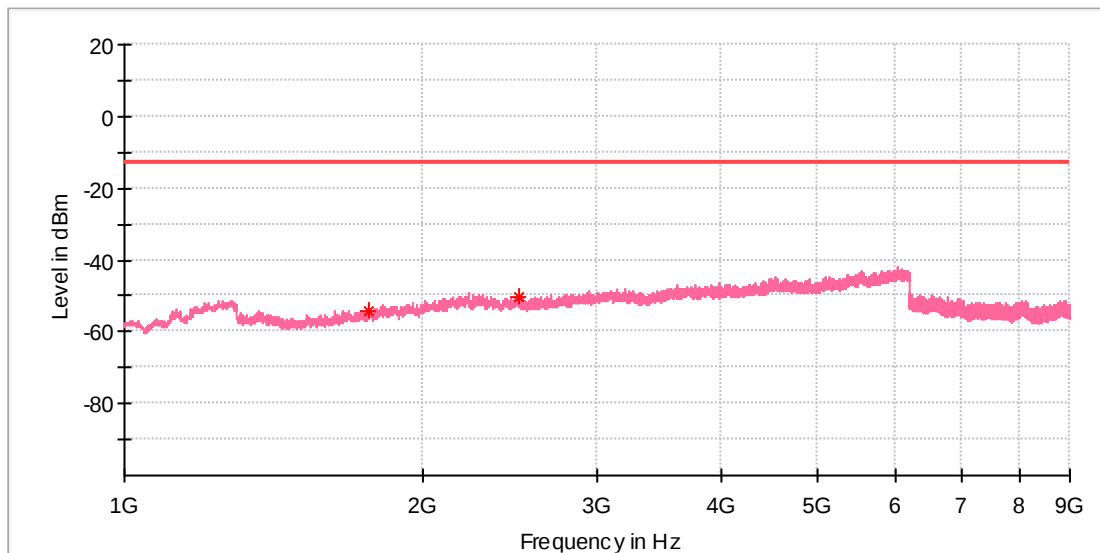


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1938.500000	-48.33	-13.00	35.33	100.0	H	293.0	-90.0
2407.500000	-49.36	-13.00	36.36	100.0	H	266.0	-87.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

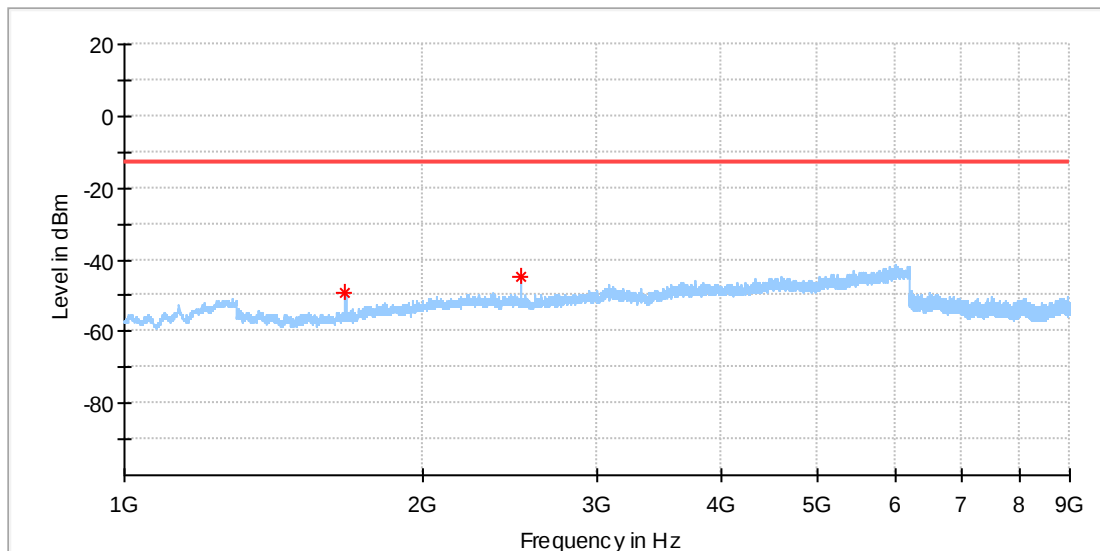
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1767.000000	-54.49	-13.00	41.49	100.0	V	345.0	-91.2
2502.000000	-50.36	-13.00	37.36	100.0	V	248.0	-88.1

Produkte
Products

Mid Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

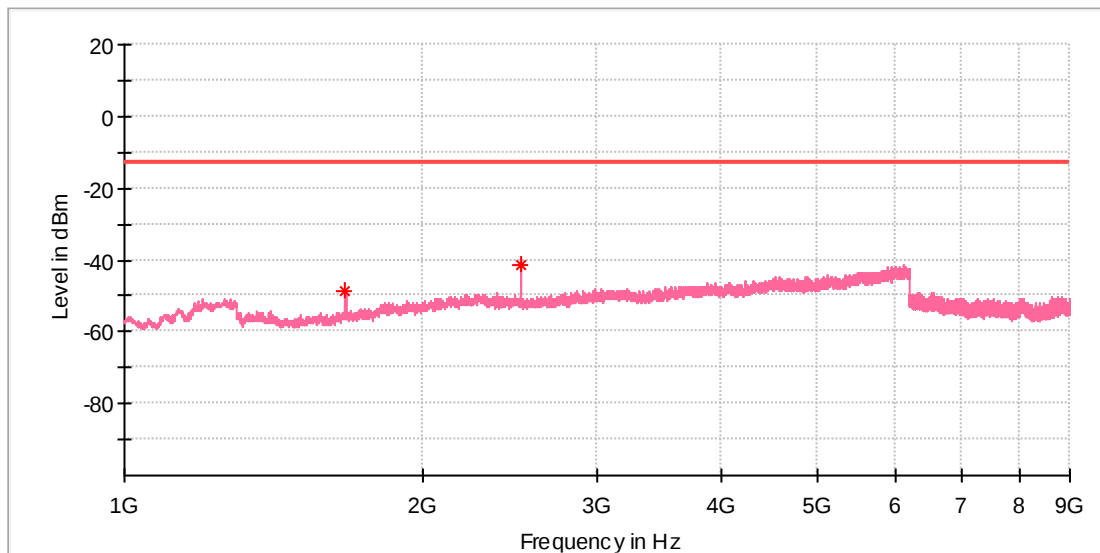


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-49.25	-13.00	36.25	100.0	H	58.0	-92.5
2509.000000	-44.87	-13.00	31.87	100.0	H	337.0	-88.3

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Mid 3.75kHz QPSK 1@0
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



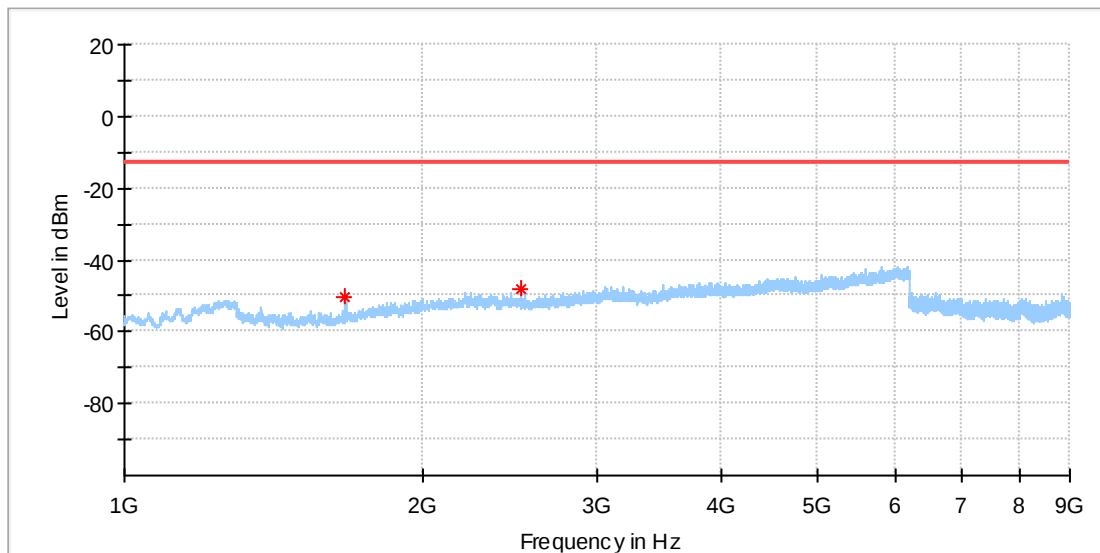
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-48.80	-13.00	35.80	100.0	V	101.0	-92.2
2509.500000	-41.18	-13.00	28.18	100.0	V	45.0	-88.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



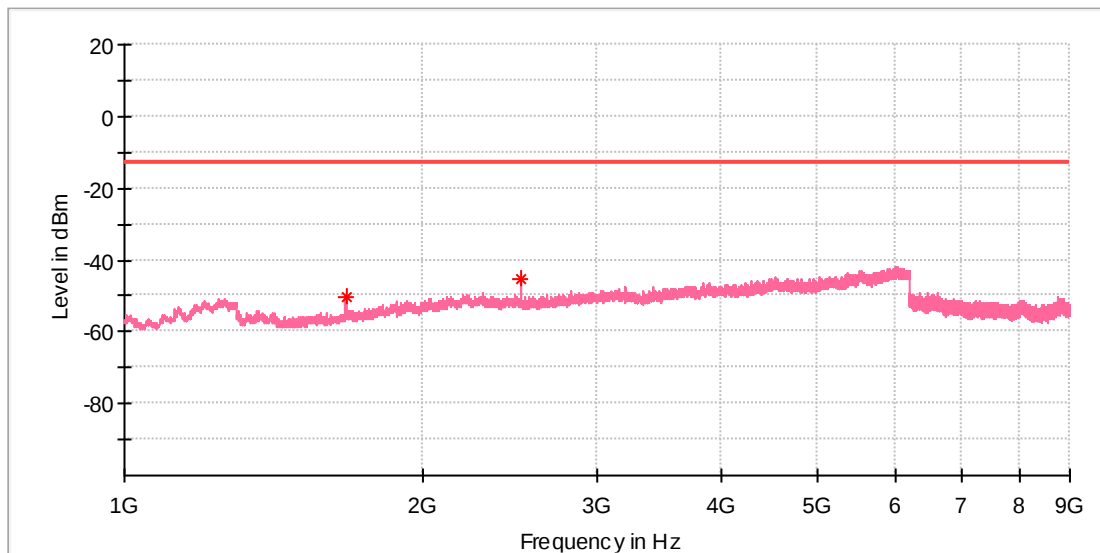
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-50.46	-13.00	37.46	100.0	H	320.0	-92.5
2510.000000	-47.95	-13.00	34.95	100.0	H	327.0	-88.3

Produkte
Products

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Mid 3.75kHz QPSK 1@47
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

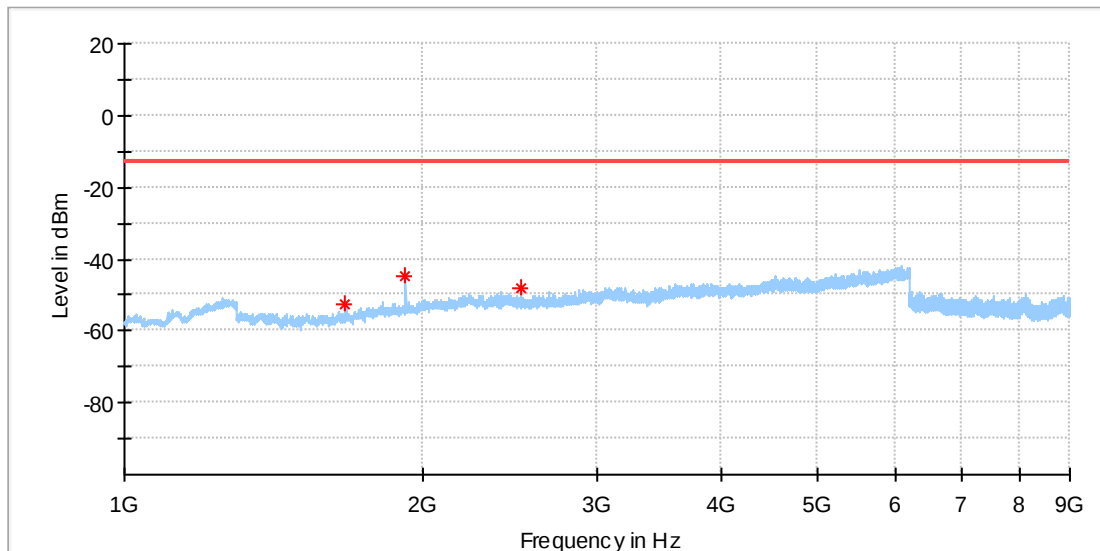
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1673.000000	-50.10	-13.00	37.10	100.0	V	87.0	-92.2
2509.500000	-45.40	-13.00	32.40	100.0	V	53.0	-88.2

Produkte
Products

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

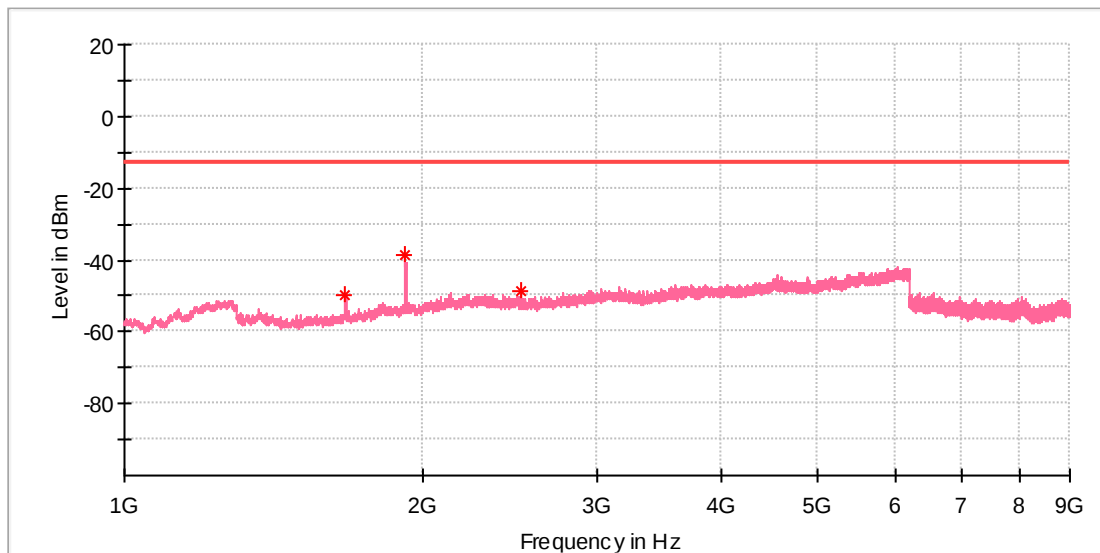


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-52.75	-13.00	39.75	100.0	H	89.0	-92.5
1922.500000	-44.68	-13.00	31.68	100.0	H	1.0	-90.1
2509.000000	-48.36	-13.00	35.36	100.0	H	310.0	-88.3

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

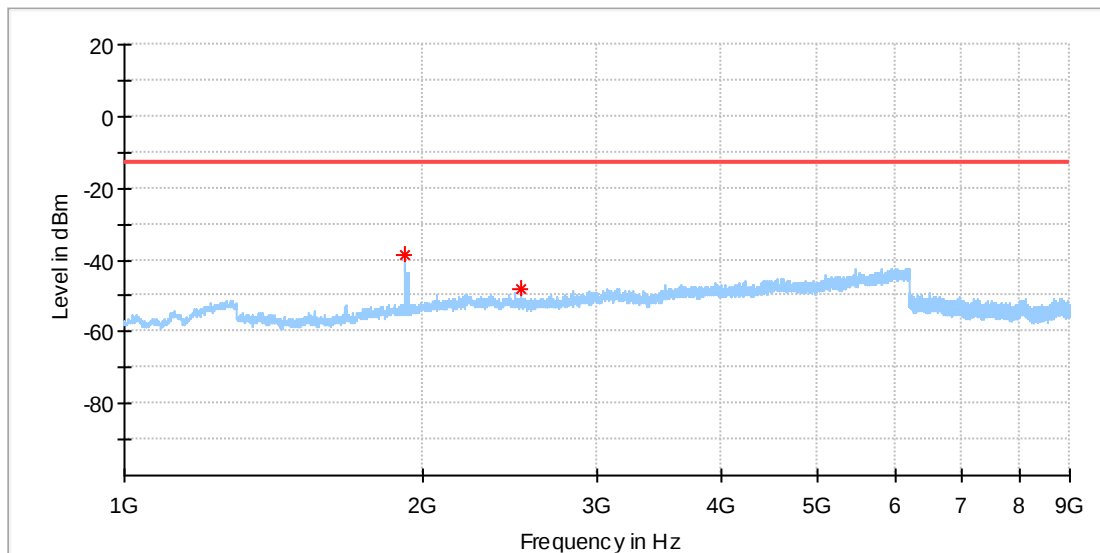


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-50.01	-13.00	37.01	100.0	V	10.0	-92.2
1922.000000	-38.47	-13.00	25.47	100.0	V	114.0	-89.6
2509.500000	-48.41	-13.00	35.41	100.0	V	51.0	-88.2

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

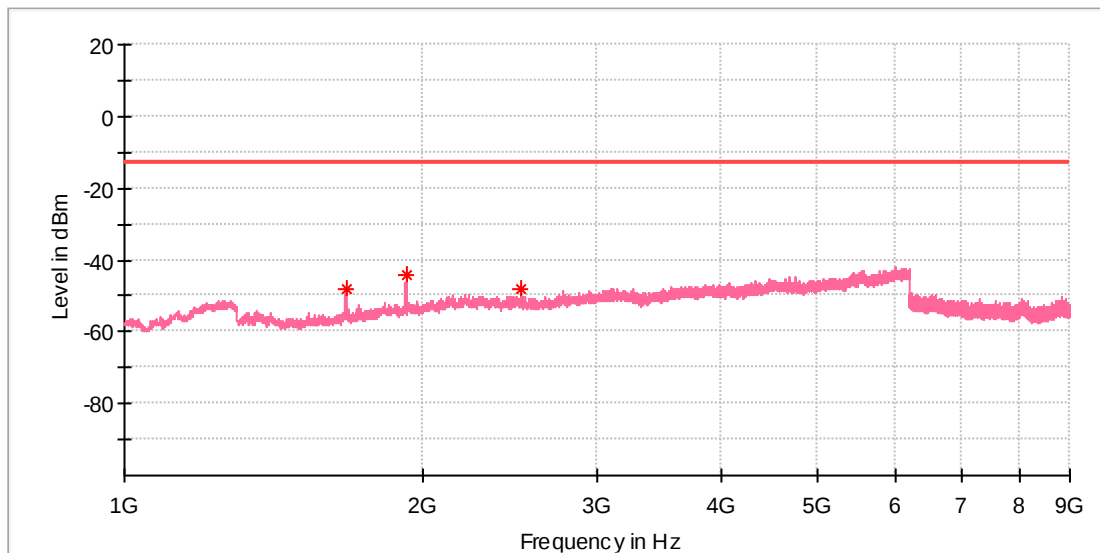


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1921.500000	-38.88	-13.00	25.88	100.0	H	255.0	-90.1
2509.500000	-48.35	-13.00	35.35	100.0	H	87.0	-88.3

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage:	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

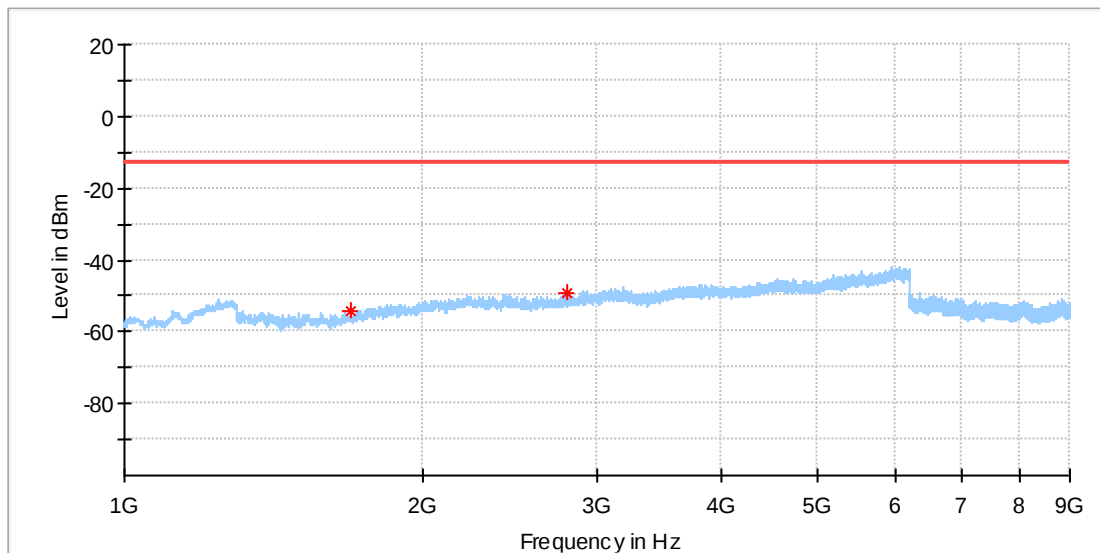


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1673.000000	-48.07	-13.00	35.07	100.0	V	15.0	-92.2
1928.500000	-44.19	-13.00	31.19	100.0	V	83.0	-89.4
2509.000000	-48.20	-13.00	35.20	100.0	V	62.0	-88.2

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Mid 15kHz QPSK 12@0
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin

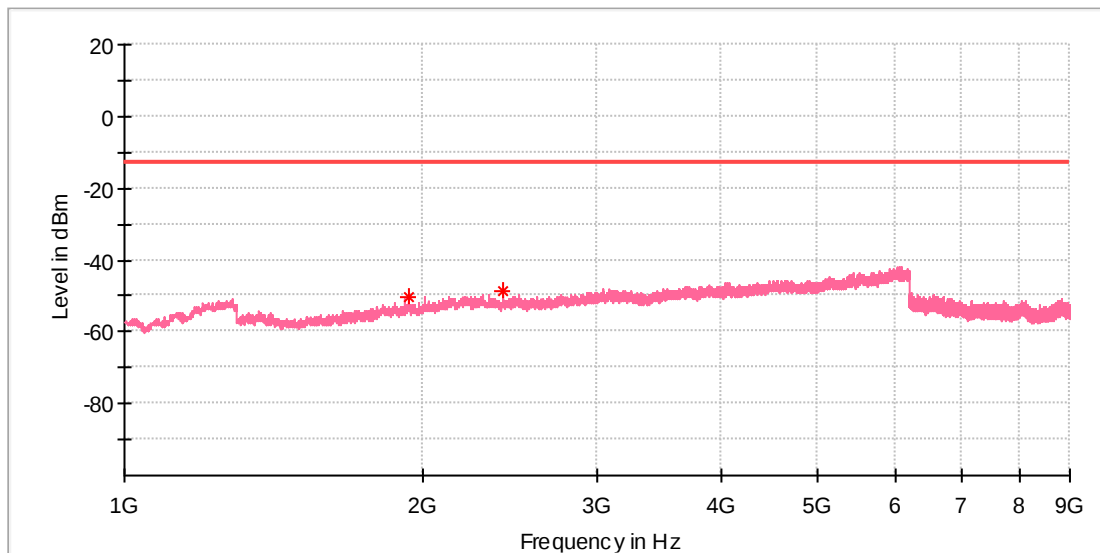


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.000000	-53.99	-13.00	40.99	100.0	H	116.0	-92.4
2800.000000	-49.00	-13.00	36.00	100.0	H	227.0	-87.4

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

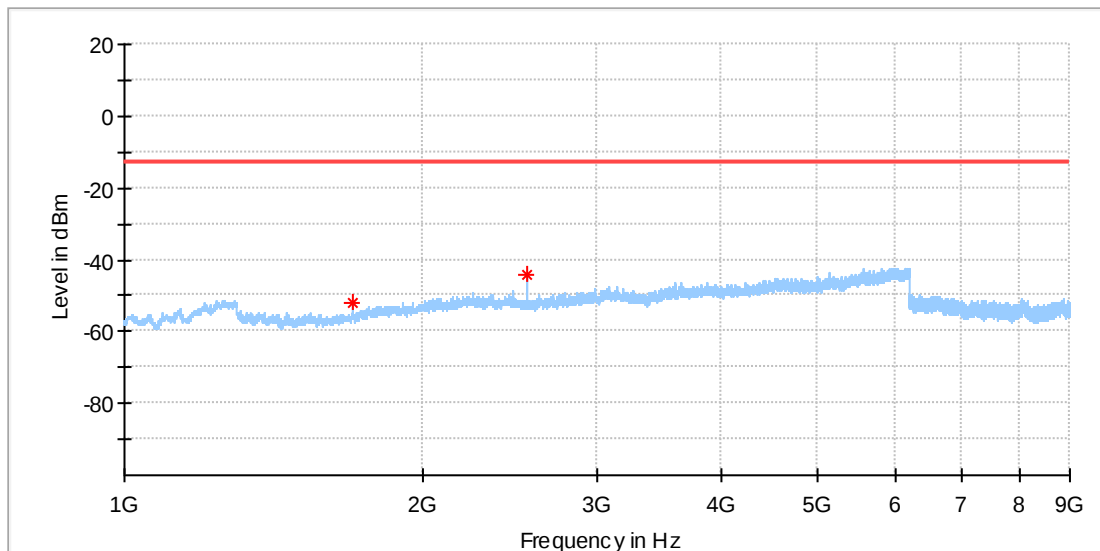


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1939.000000	-50.43	-13.00	37.43	100.0	V	161.0	-89.5
2413.000000	-48.88	-13.00	35.88	100.0	V	342.0	-88.1

Produkte
ProductsHigh Channel
3.75 kHz**EUT Information**

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

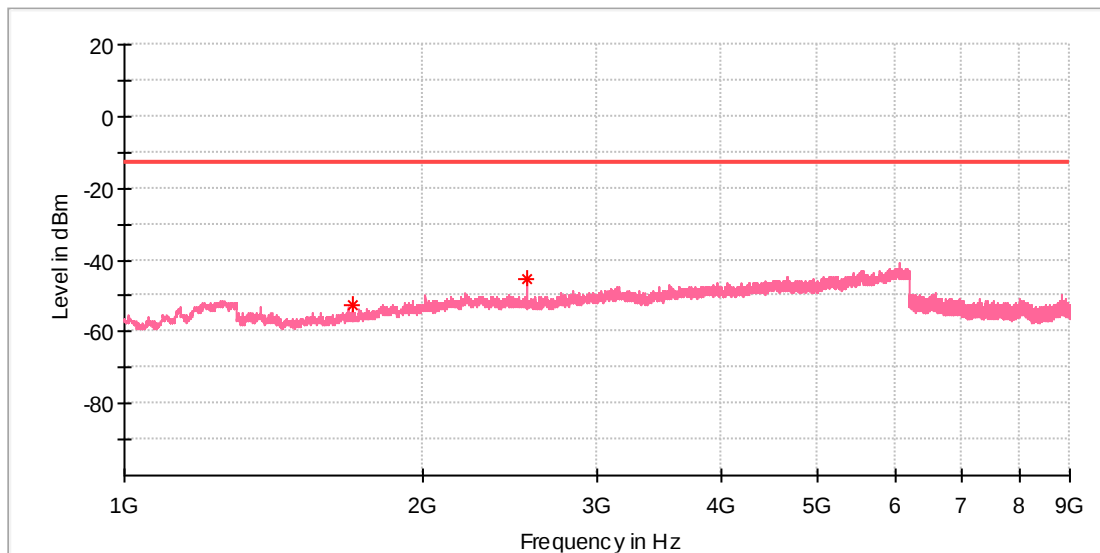
**Critical Freqs**

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.500000	-51.98	-13.00	38.98	100.0	H	72.0	-92.4
2546.500000	-43.95	-13.00	30.95	100.0	H	336.0	-88.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

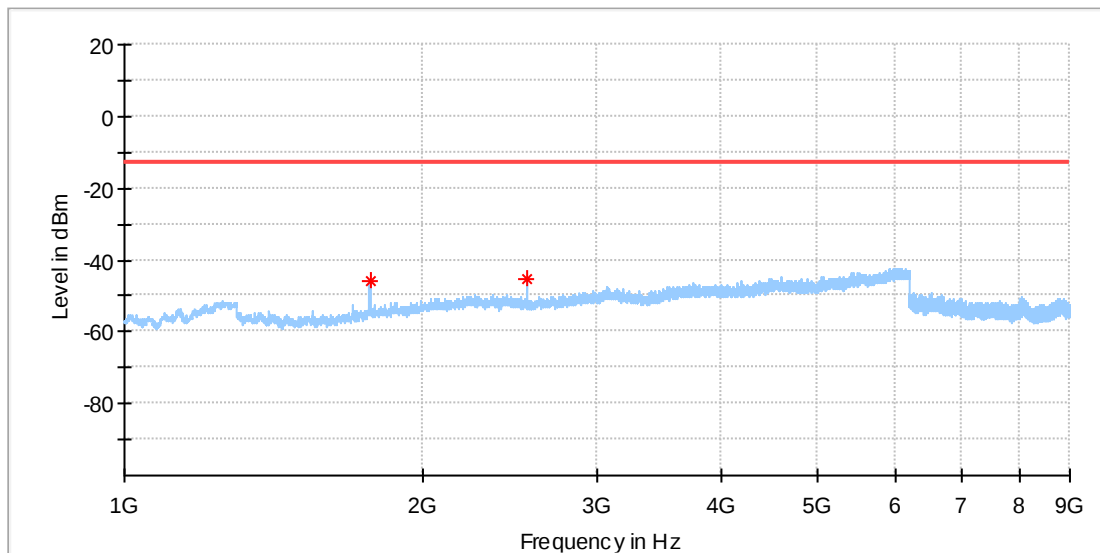


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.000000	-52.42	-13.00	39.42	100.0	V	81.0	-92.1
2546.500000	-45.15	-13.00	32.15	100.0	V	40.0	-88.4

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX High 3.75kHz QPSK 1@47
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin

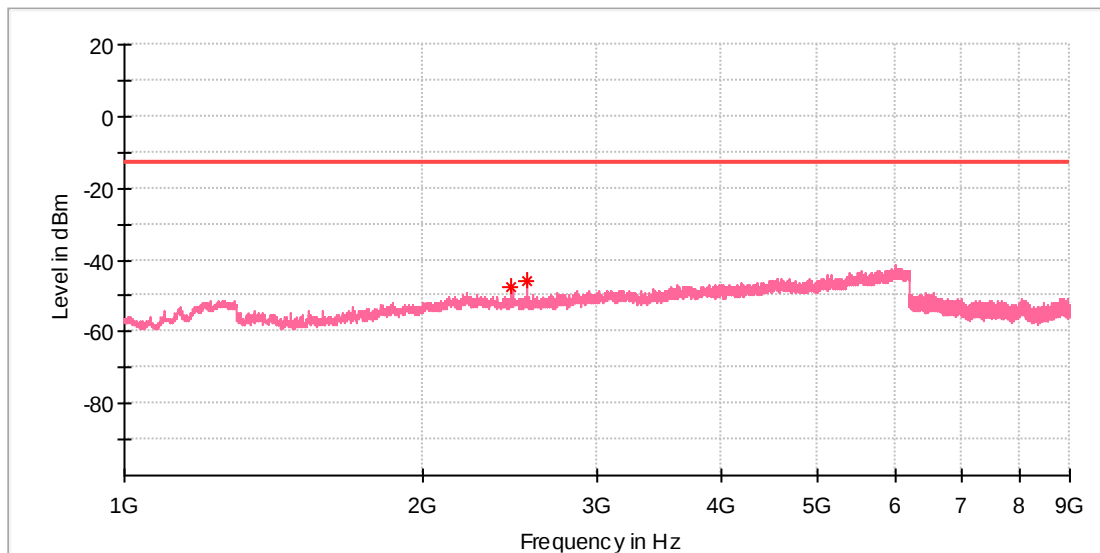


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1769.000000	-45.60	-13.00	32.60	100.0	H	354.0	-90.5
2547.000000	-45.26	-13.00	32.26	100.0	H	36.0	-88.3

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX High 3.75kHz QPSK 1@47
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

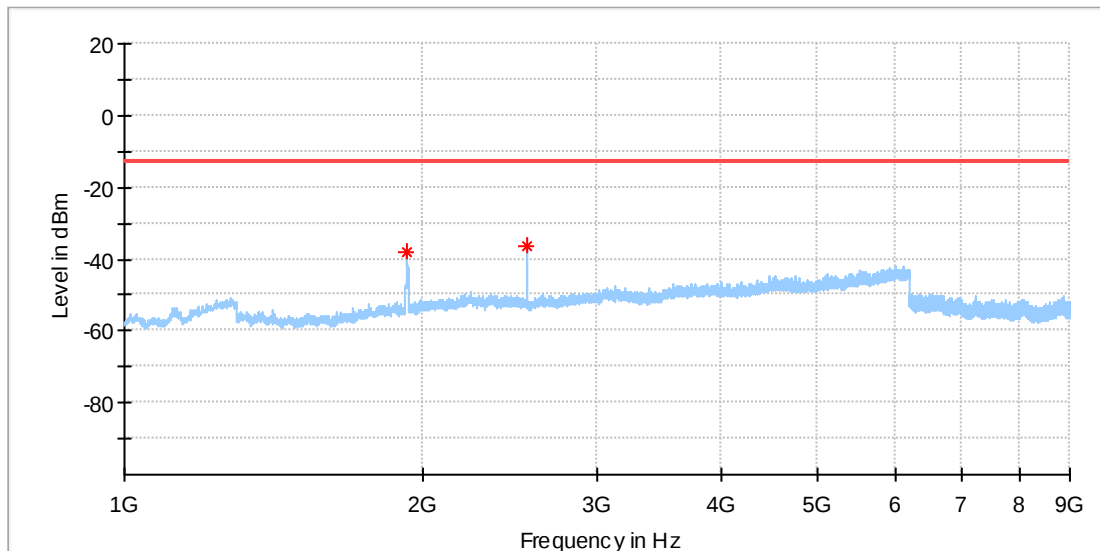
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2460.500000	-47.67	-13.00	34.67	100.0	V	62.0	-88.1
2546.500000	-46.01	-13.00	33.01	100.0	V	55.0	-88.4

Produkte
Products

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



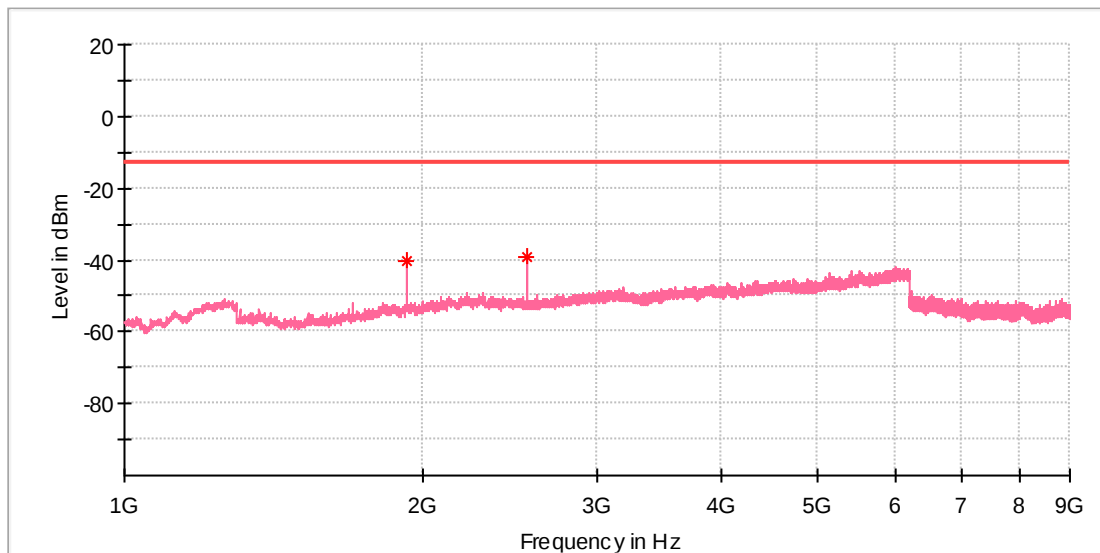
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1929.000000	-38.15	-13.00	25.15	100.0	H	65.0	-90.1
2546.500000	-36.31	-13.00	23.31	100.0	H	337.0	-88.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



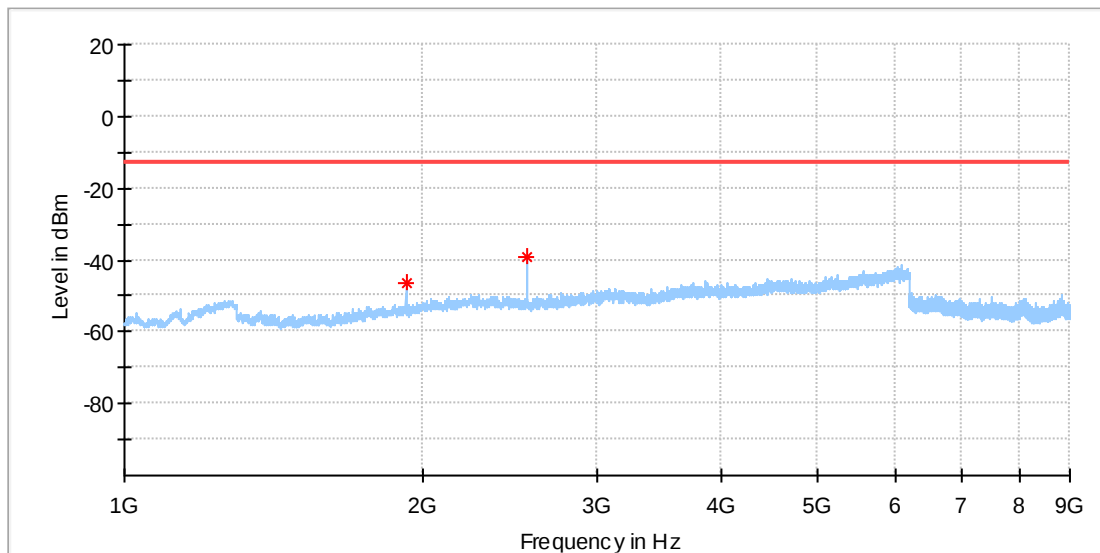
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1929.000000	-40.35	-13.00	27.35	100.0	V	293.0	-89.4
2546.500000	-39.09	-13.00	26.09	100.0	V	231.0	-88.4

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

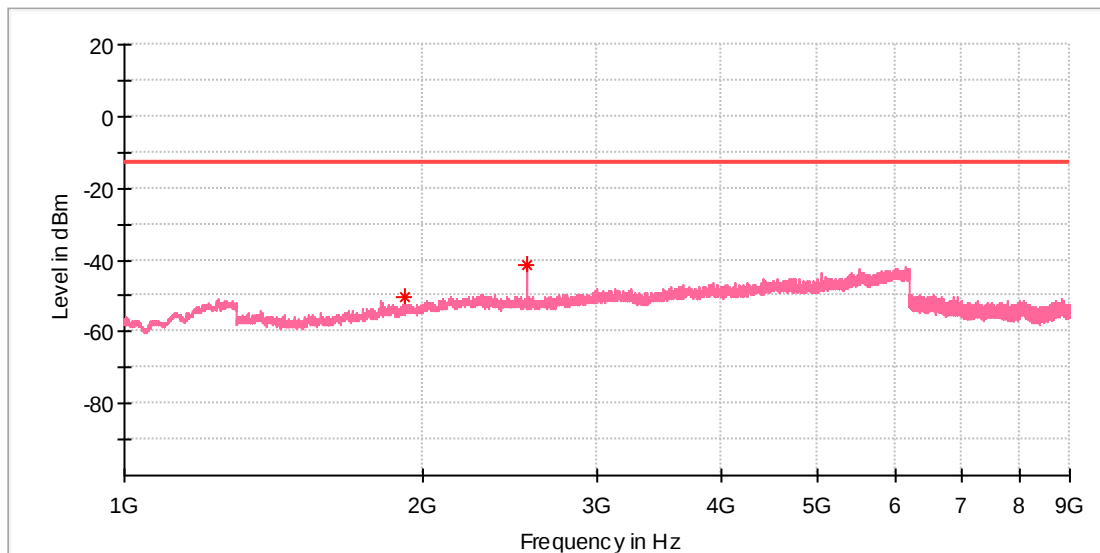


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1924.000000	-46.54	-13.00	33.54	100.0	H	151.0	-90.1
2547.000000	-39.11	-13.00	26.11	100.0	H	338.0	-88.3

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX High 15kHz BPSK 1@11
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin

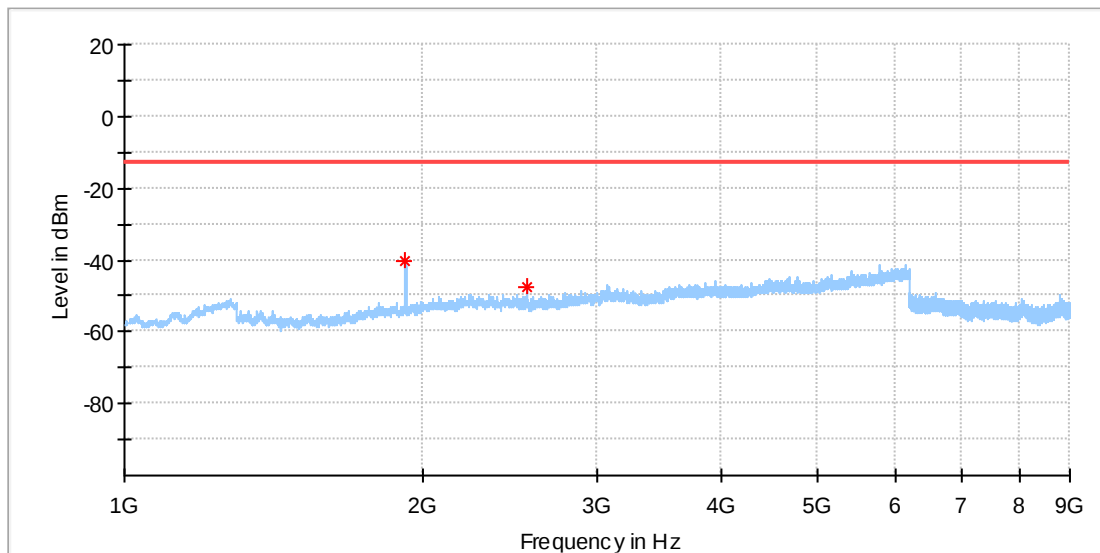


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1921.500000	-50.10	-13.00	37.10	100.0	V	336.0	-89.6
2547.000000	-41.60	-13.00	28.60	100.0	V	210.0	-88.4

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

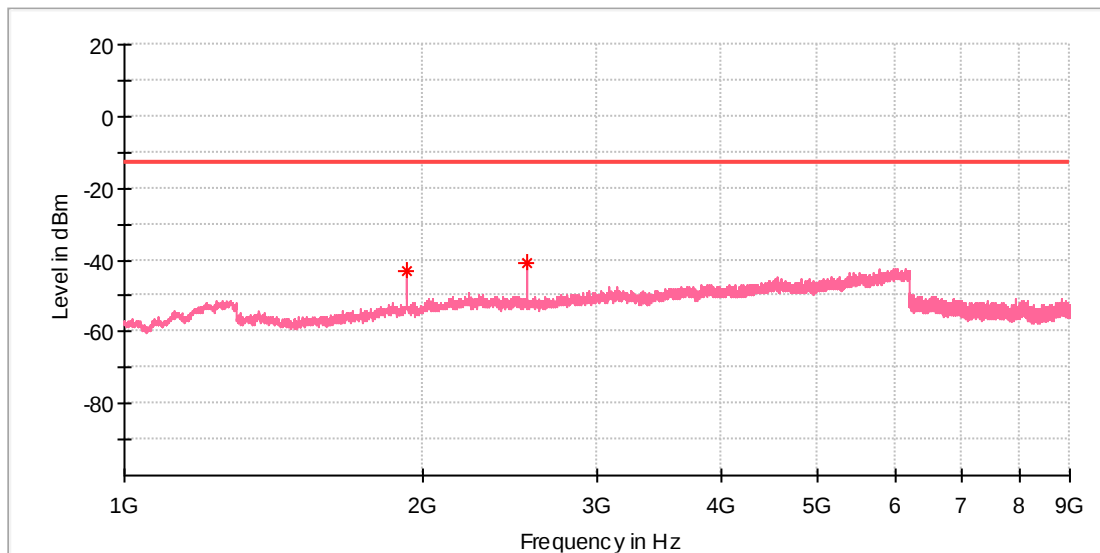


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1923.000000	-40.05	-13.00	27.05	100.0	H	0.0	-90.1
2546.500000	-47.29	-13.00	34.29	100.0	H	350.0	-88.3

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

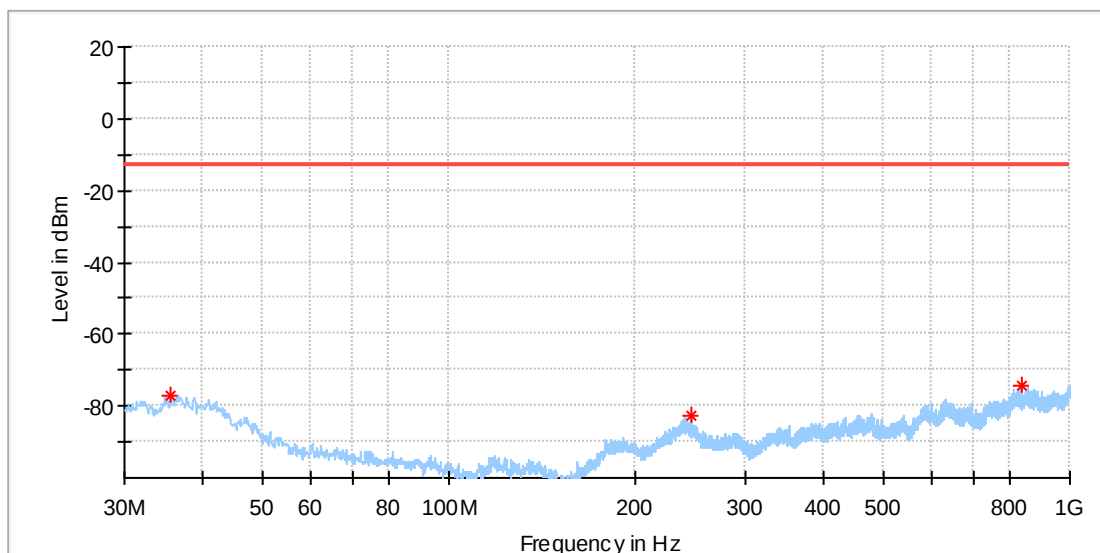
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1924.500000	-42.95	-13.00	29.95	100.0	V	63.0	-89.5
2547.000000	-41.03	-13.00	28.03	100.0	V	209.0	-88.4

Appendix L.4: Field Strength of Spurious Radiation for Band 12

Below 1 GHz
 BPSK

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
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

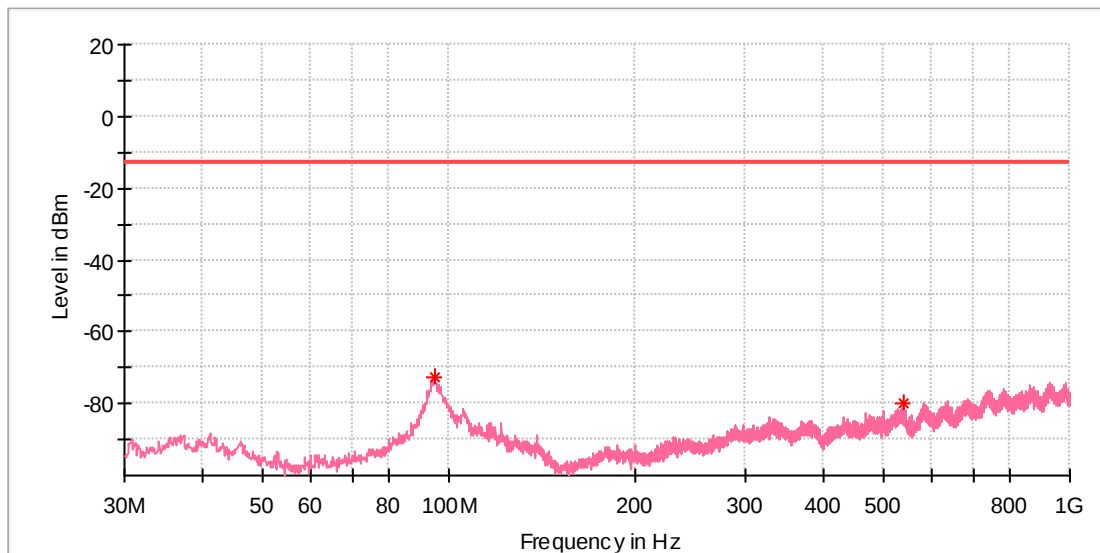


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.698750	-76.90	-13.00	63.90	100.0	H	56.0	-113.7
245.825000	-82.68	-13.00	69.68	100.0	H	29.0	-110.0
838.980000	-74.60	-13.00	61.60	100.0	H	97.0	-101.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
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



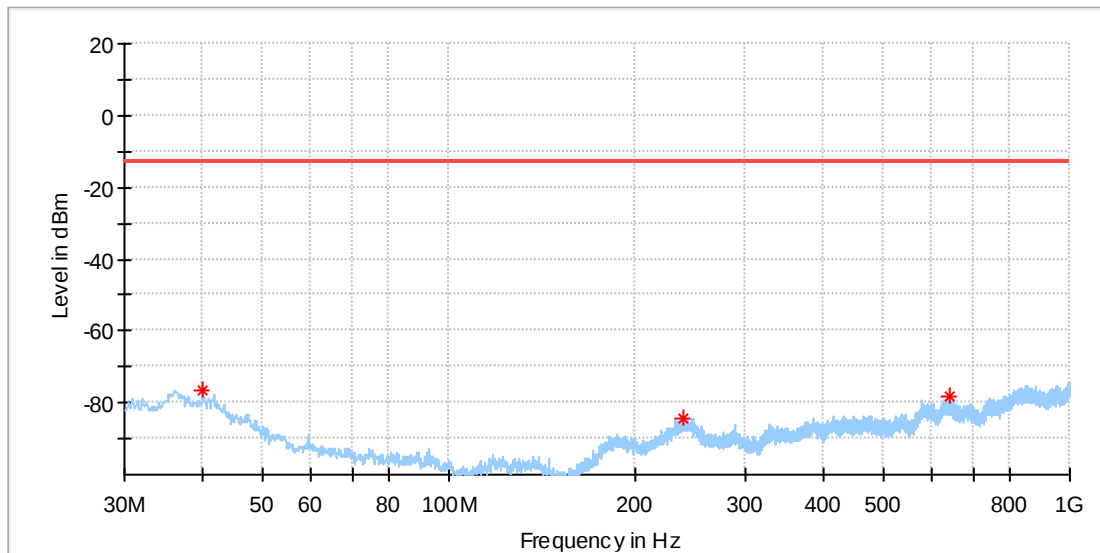
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.868750	-72.58	-13.00	59.58	100.0	V	343.0	-99.6
539.856250	-79.94	-13.00	66.94	100.0	V	276.0	-107.6

QPSK

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz QPSK 1@0
Test Voltage::	DC 3.8V
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

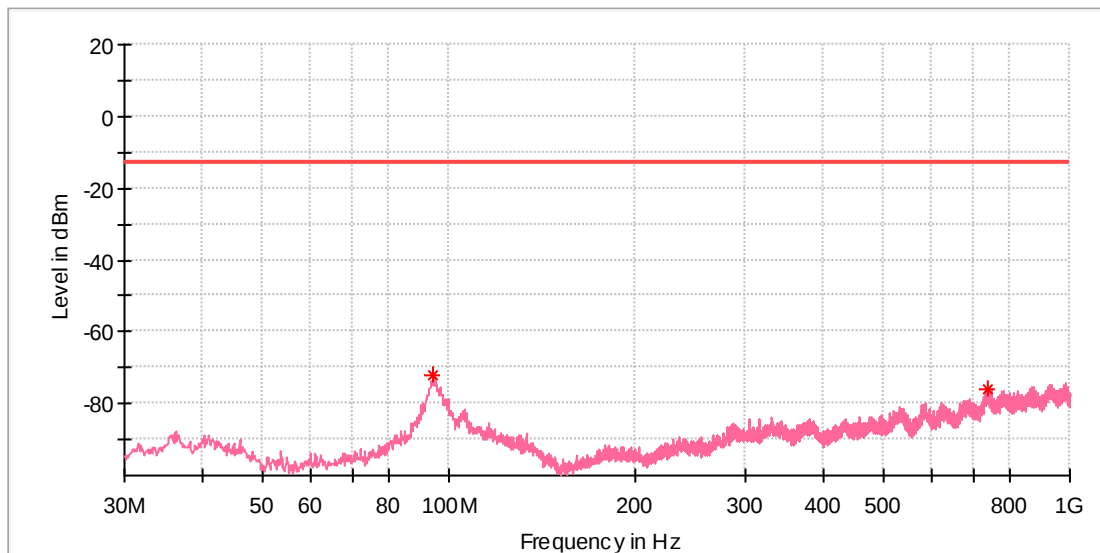


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
40.063750	-76.61	-13.00	63.61	100.0	H	192.0	-113.1
237.580000	-84.15	-13.00	71.15	100.0	H	97.0	-110.9
640.130000	-78.19	-13.00	65.19	100.0	H	331.0	-104.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz QPSK 1@0
Test Voltage::	DC 3.8V
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

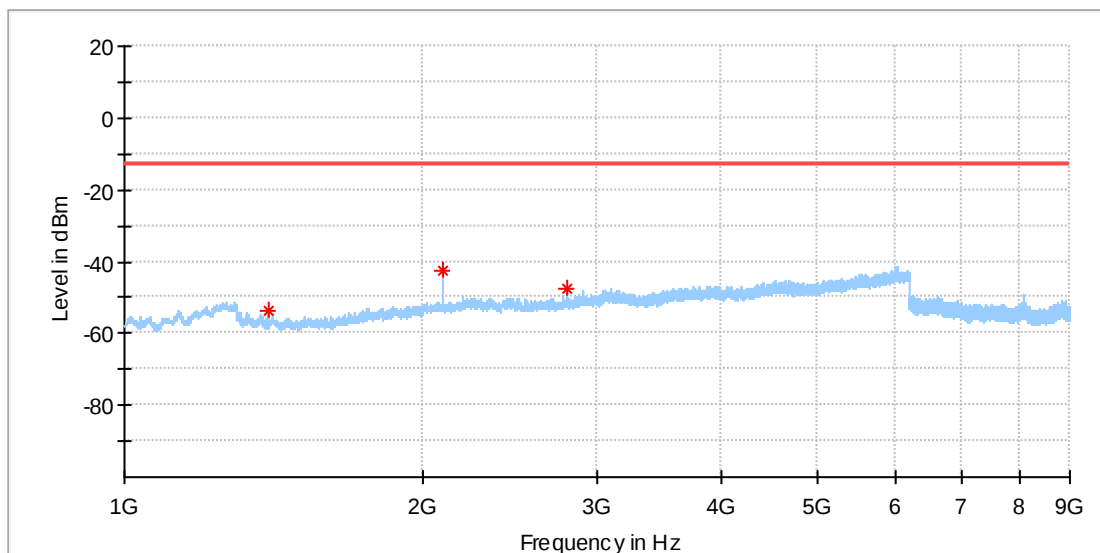
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.505000	-72.31	-13.00	59.31	100.0	V	246.0	-99.6
737.130000	-76.17	-13.00	63.17	100.0	V	52.0	-102.2

Produkte
Products

Above 1 GHz
Low Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

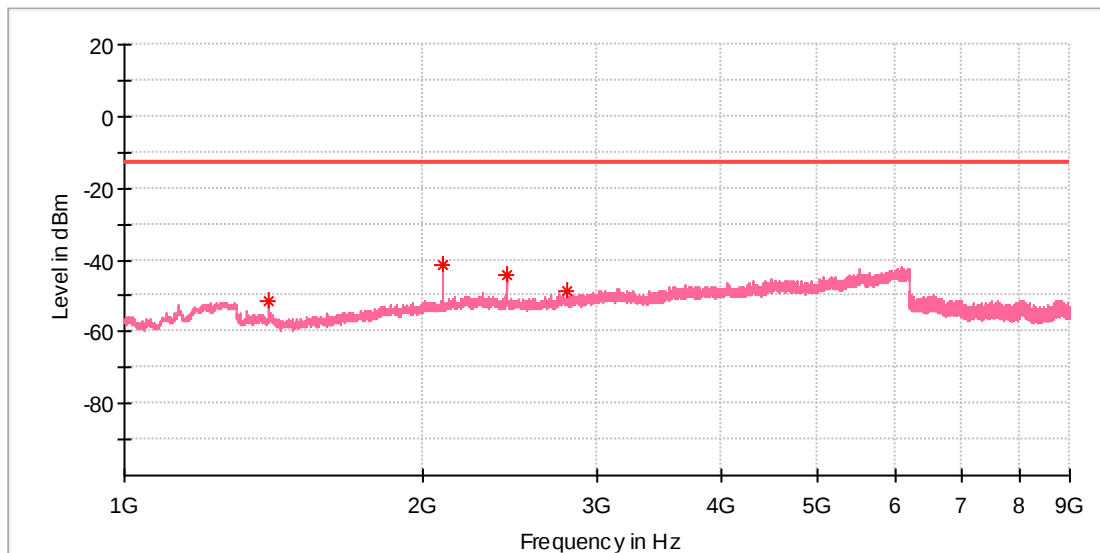


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1397.500000	-53.50	-13.00	40.50	100.0	H	351.0	-93.1
2097.000000	-42.65	-13.00	29.65	100.0	H	108.0	-88.8
2796.000000	-47.37	-13.00	34.37	100.0	H	129.0	-87.4

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

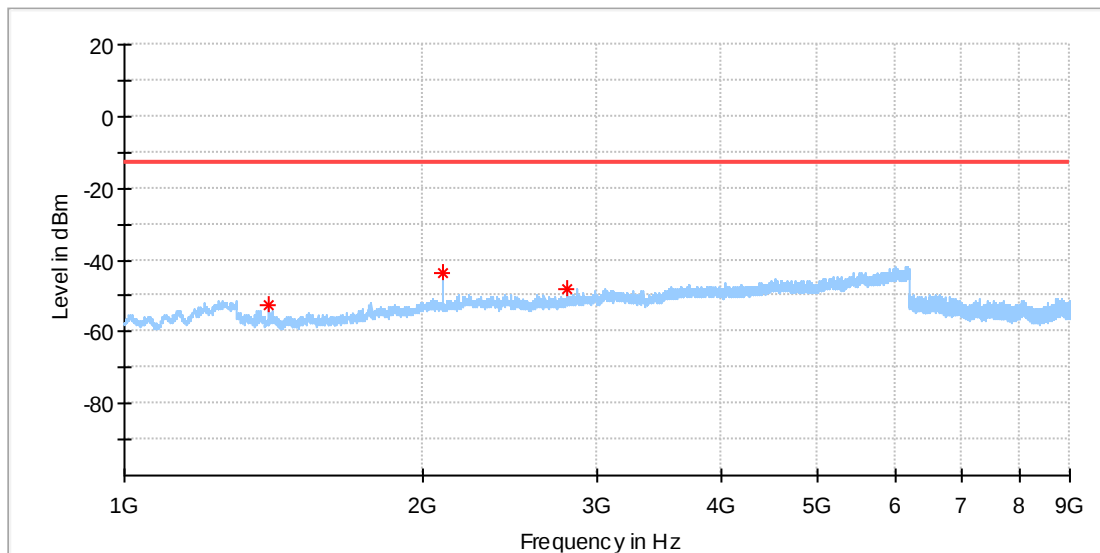


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1397.500000	-51.59	-13.00	38.59	100.0	V	316.0	-92.9
2097.000000	-41.29	-13.00	28.29	100.0	V	162.0	-88.6
2430.000000	-44.10	-13.00	31.10	100.0	V	355.0	-88.0
2796.000000	-48.51	-13.00	35.51	100.0	V	79.0	-87.3

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@47
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

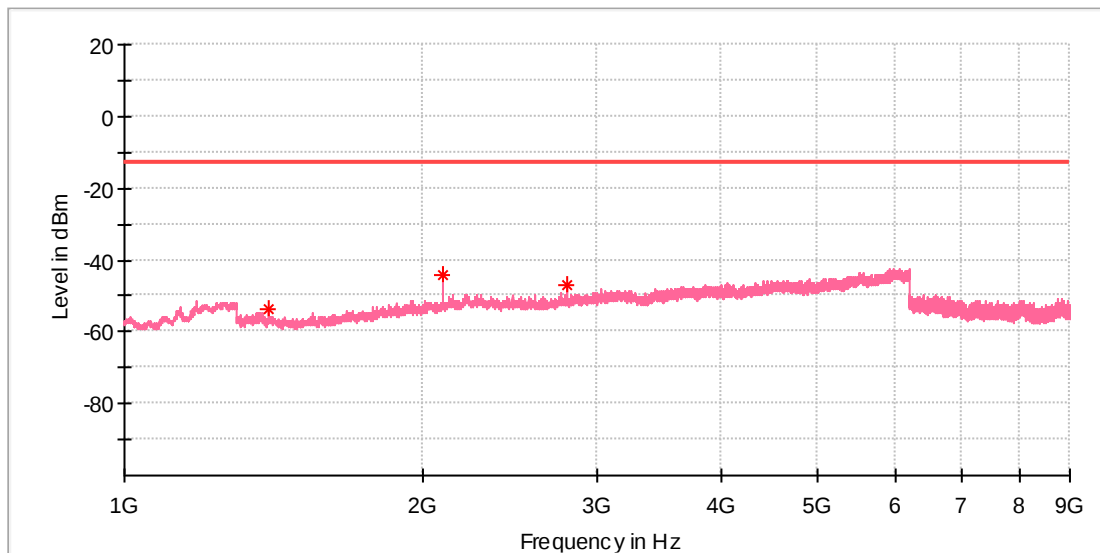


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.500000	-52.51	-13.00	39.51	100.0	H	136.0	-93.0
2097.000000	-43.70	-13.00	30.70	100.0	H	108.0	-88.8
2796.500000	-47.92	-13.00	34.92	100.0	H	4.0	-87.4

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@47
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
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

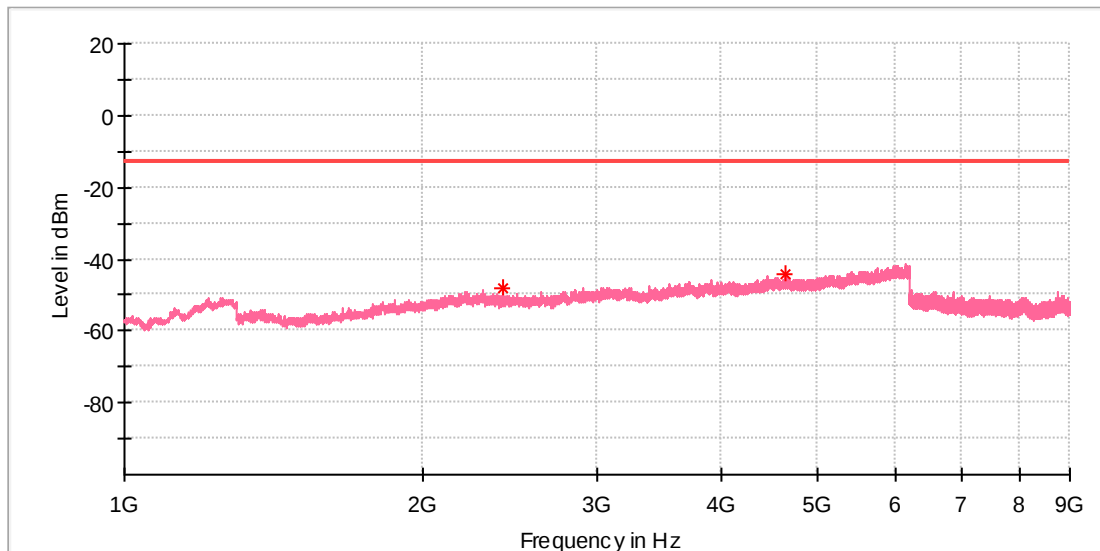
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-53.40	-13.00	40.40	100.0	V	302.0	-92.9
2097.500000	-44.26	-13.00	31.26	100.0	V	176.0	-88.6
2796.500000	-46.91	-13.00	33.91	100.0	V	86.0	-87.3

Produkte
Products

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

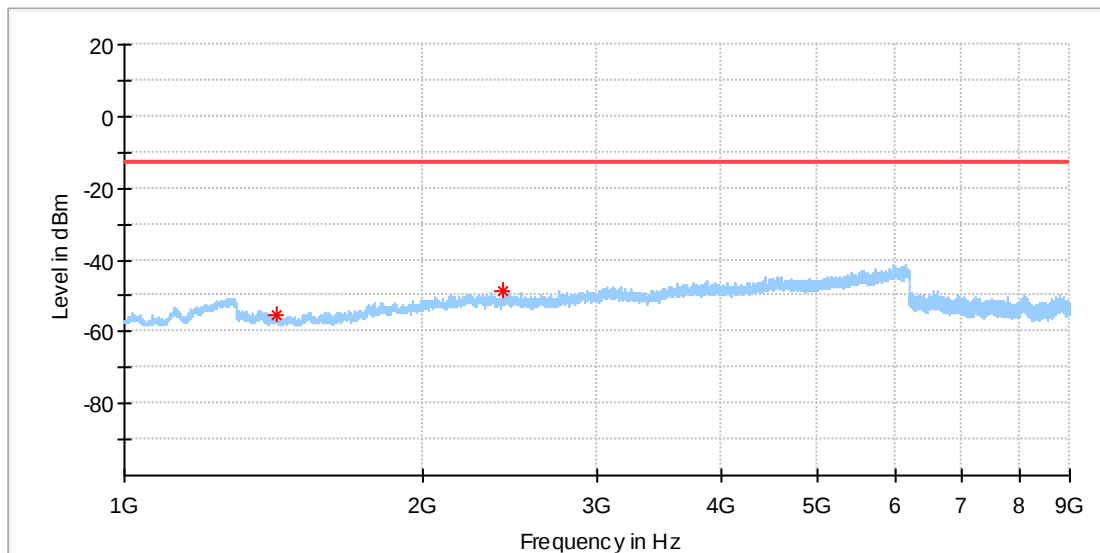


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2414.500000	-48.14	-13.00	35.14	100.0	V	134.0	-88.1
4648.500000	-44.16	-13.00	31.16	100.0	V	287.0	-83.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

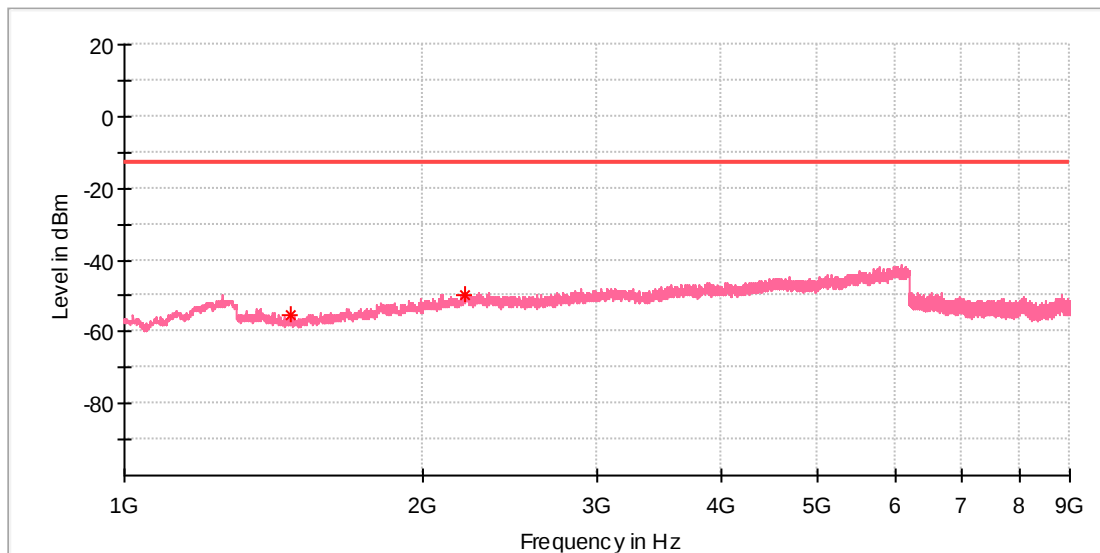


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1426.000000	-55.61	-13.00	42.61	100.0	H	288.0	-93.1
2413.000000	-48.62	-13.00	35.62	100.0	H	93.0	-87.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

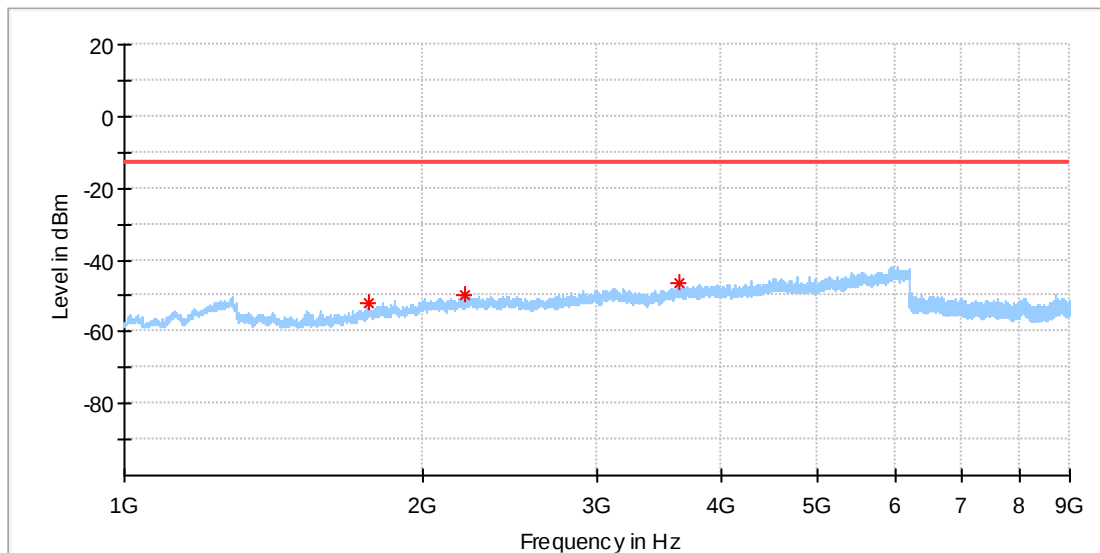


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1469.000000	-55.13	-13.00	42.13	100.0	V	38.0	-93.8
2210.000000	-49.74	-13.00	36.74	100.0	V	337.0	-87.1

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Low 15kHz QPSK 12@0
Test Voltage: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

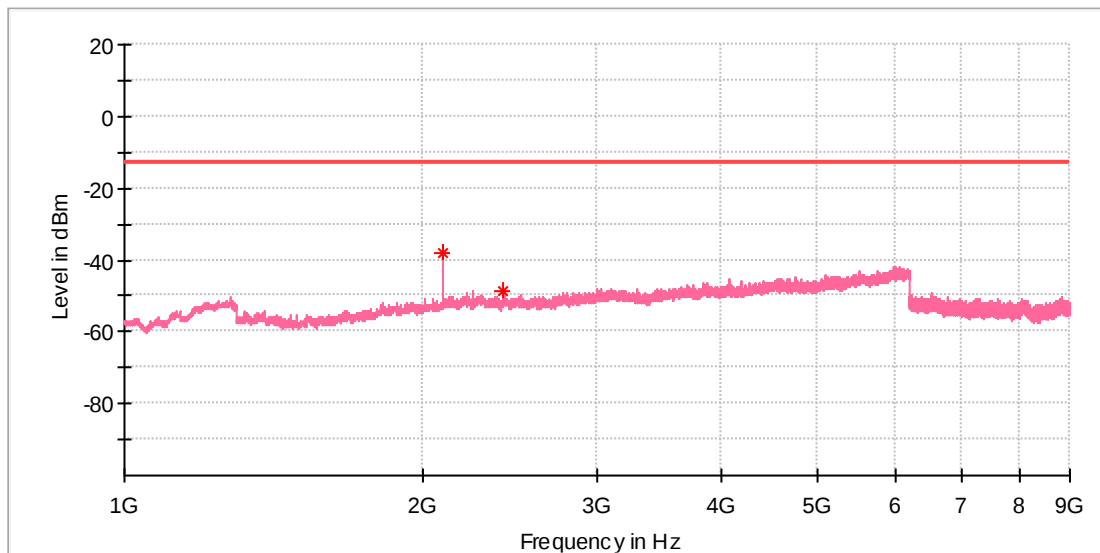


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1764.000000	-52.23	-13.00	39.23	100.0	H	65.0	-90.4
2210.000000	-49.78	-13.00	36.78	100.0	H	23.0	-87.5
3632.500000	-46.29	-13.00	33.29	100.0	H	121.0	-85.6

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 24 Humi:47%
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

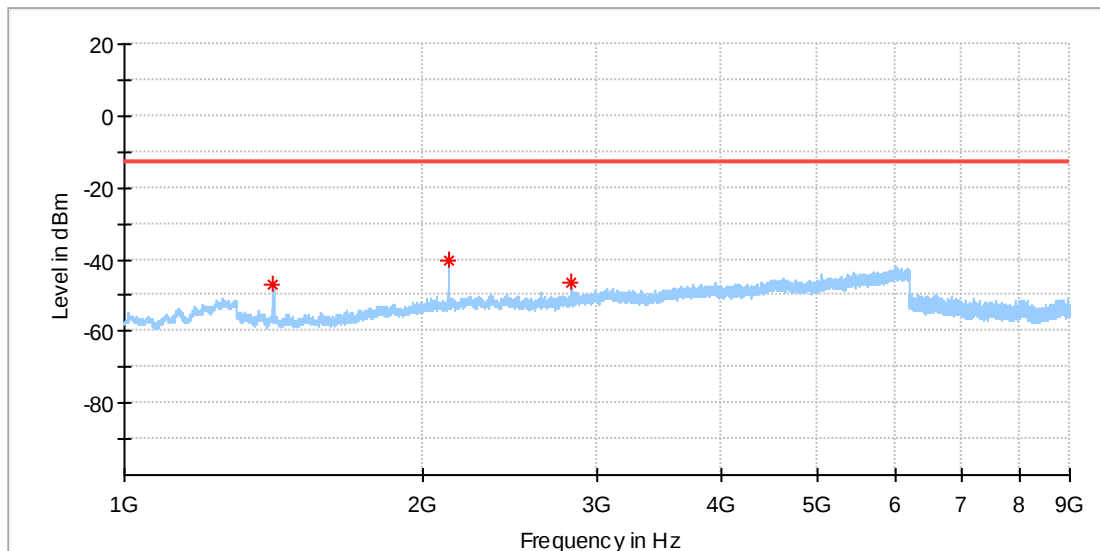
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2097.000000	-38.13	-13.00	25.13	100.0	V	58.0	-88.6
2415.500000	-48.37	-13.00	35.37	100.0	V	50.0	-88.0

Produkte
Products

Mid Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

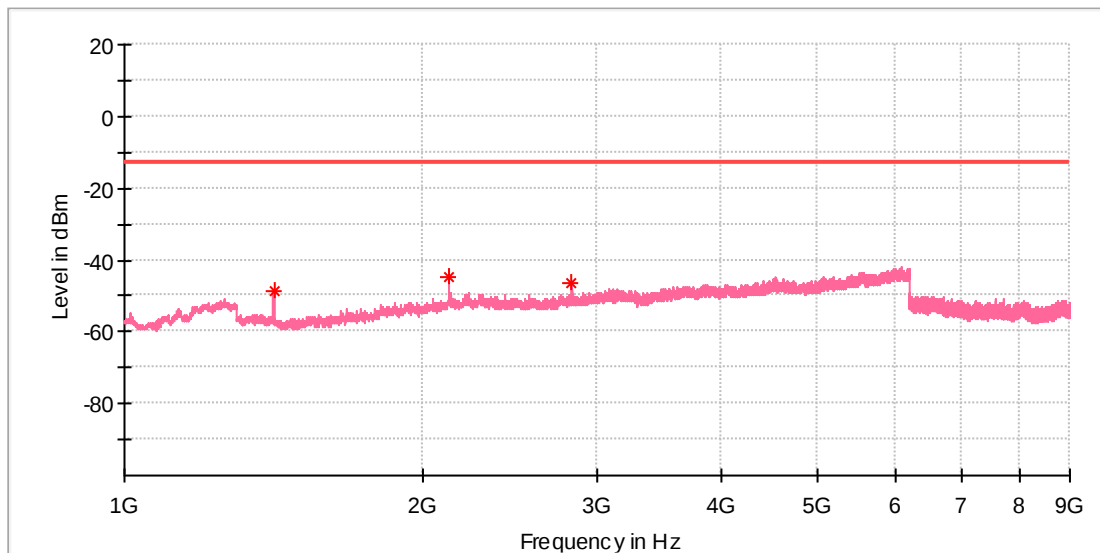


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.500000	-46.98	-13.00	33.98	100.0	H	154.0	-92.5
2122.000000	-40.56	-13.00	27.56	100.0	H	140.0	-88.5
2829.500000	-46.61	-13.00	33.61	100.0	H	126.0	-87.5

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Mid 3.75kHz QPSK 1@0
Test Voltage: DC 3.8V
Remark: Temp 23 Humi:47%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

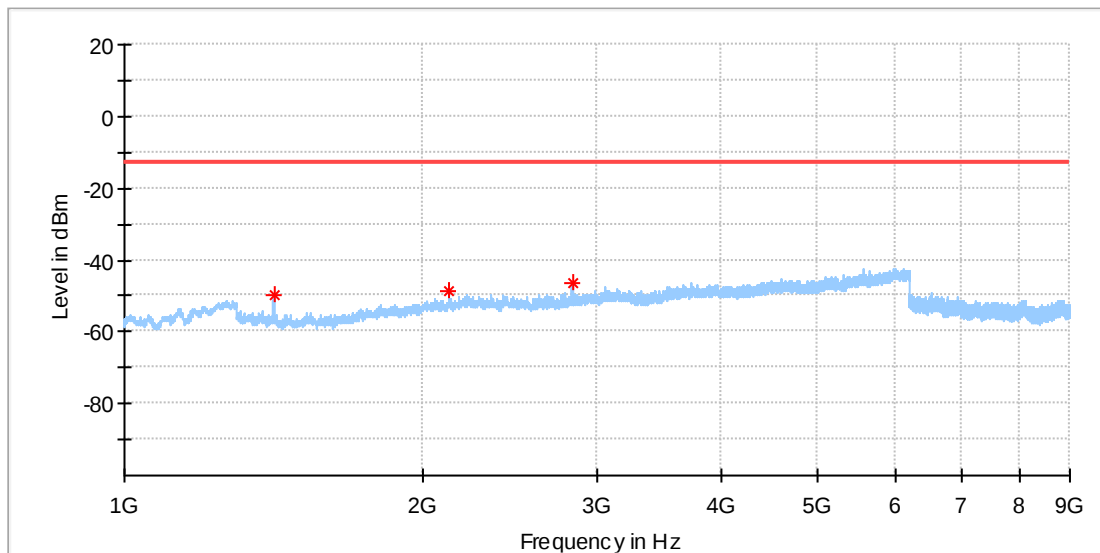


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1415.000000	-48.52	-13.00	35.52	100.0	V	309.0	-92.9
2122.000000	-44.56	-13.00	31.56	100.0	V	184.0	-88.0
2829.500000	-46.55	-13.00	33.55	100.0	V	253.0	-87.4

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

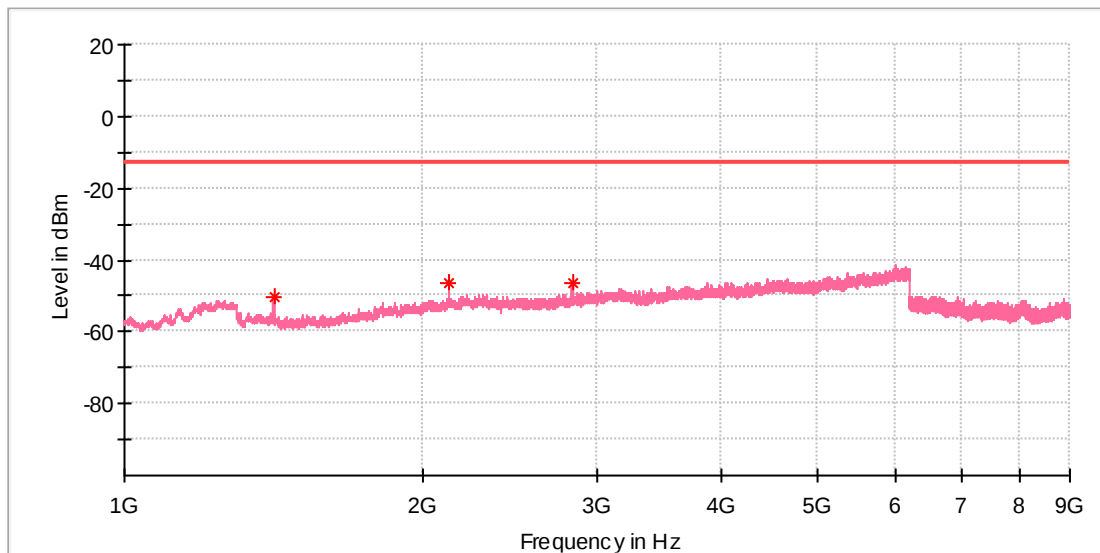


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1415.000000	-49.64	-13.00	36.64	100.0	H	197.0	-92.5
2122.500000	-48.66	-13.00	35.66	100.0	H	107.0	-88.5
2830.500000	-46.60	-13.00	33.60	100.0	H	0.0	-87.5

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Mid 3.75kHz QPSK 1@47
Test Voltage: DC 3.8V
Remark: Temp 23 Humi:47%
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

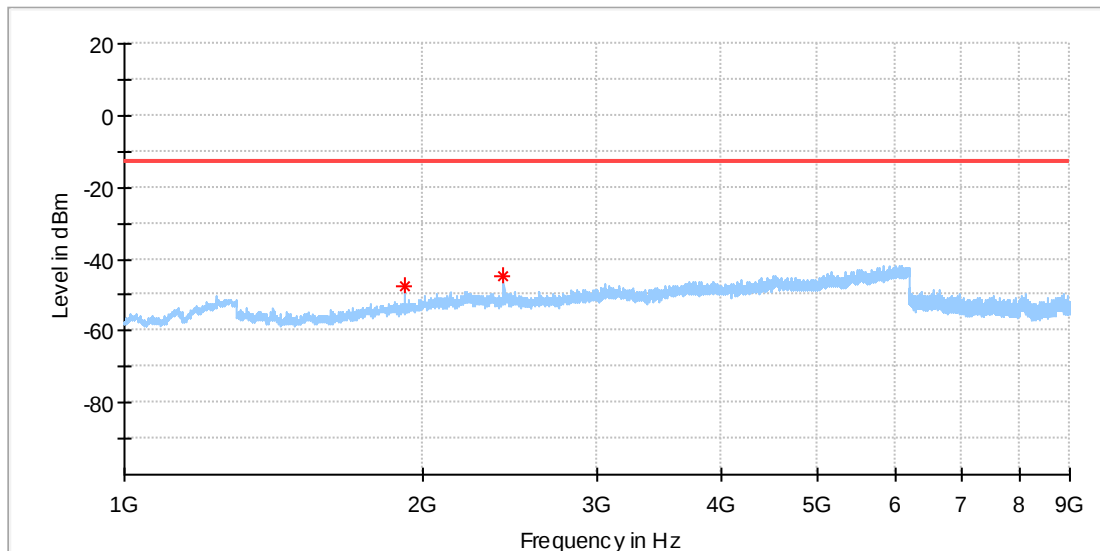
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1415.000000	-50.51	-13.00	37.51	100.0	V	313.0	-92.9
2122.500000	-46.62	-13.00	33.62	100.0	V	181.0	-88.0
2830.500000	-46.67	-13.00	33.67	100.0	V	300.0	-87.4

Produkte
Products

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

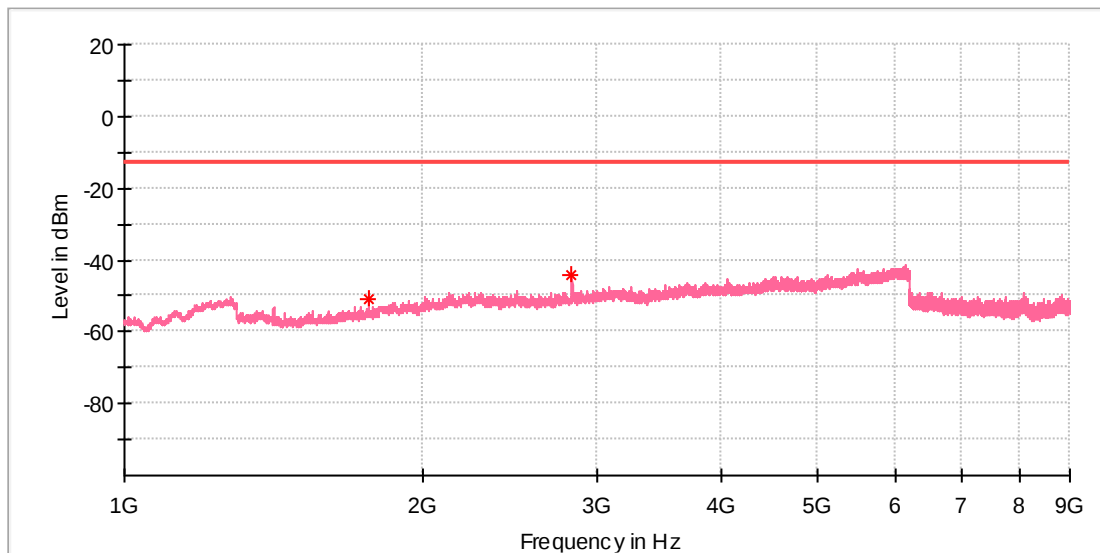


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1920.500000	-47.60	-13.00	34.60	100.0	H	37.0	-90.1
2415.500000	-44.91	-13.00	31.91	100.0	H	135.0	-87.6

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

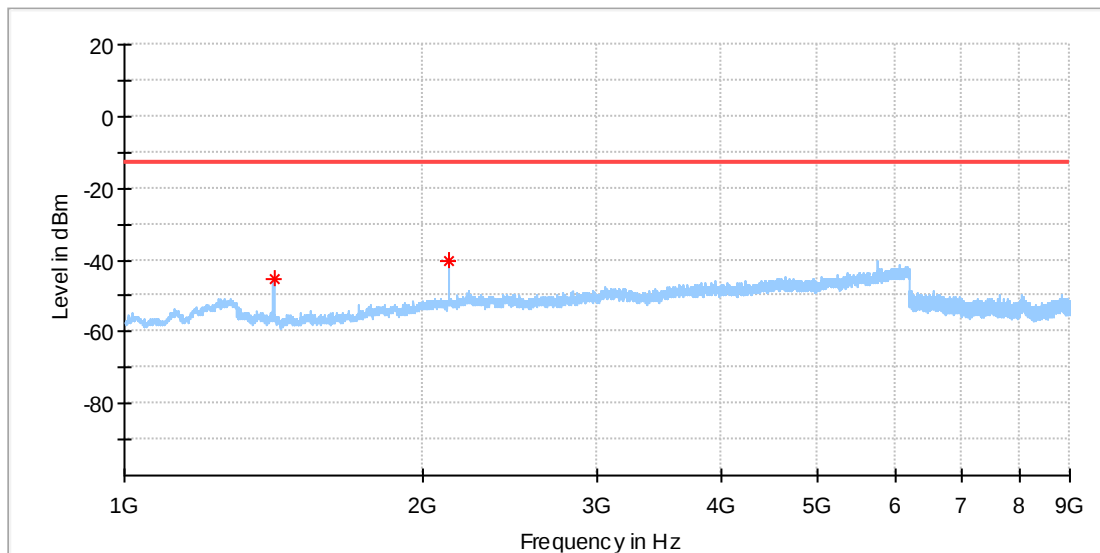


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1766.000000	-51.05	-13.00	38.05	100.0	V	218.0	-91.2
2829.500000	-44.34	-13.00	31.34	100.0	V	344.0	-87.4

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

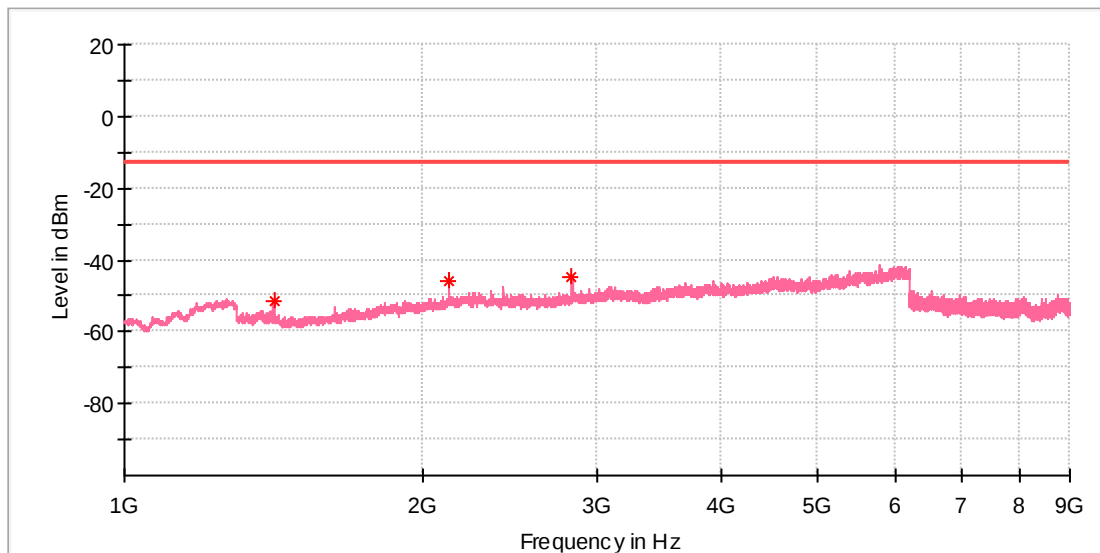


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1415.000000	-45.42	-13.00	32.42	100.0	H	211.0	-92.5
2122.500000	-40.04	-13.00	27.04	100.0	H	295.0	-88.5

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Mid 15kHz BPSK 1@11
Test Voltage: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

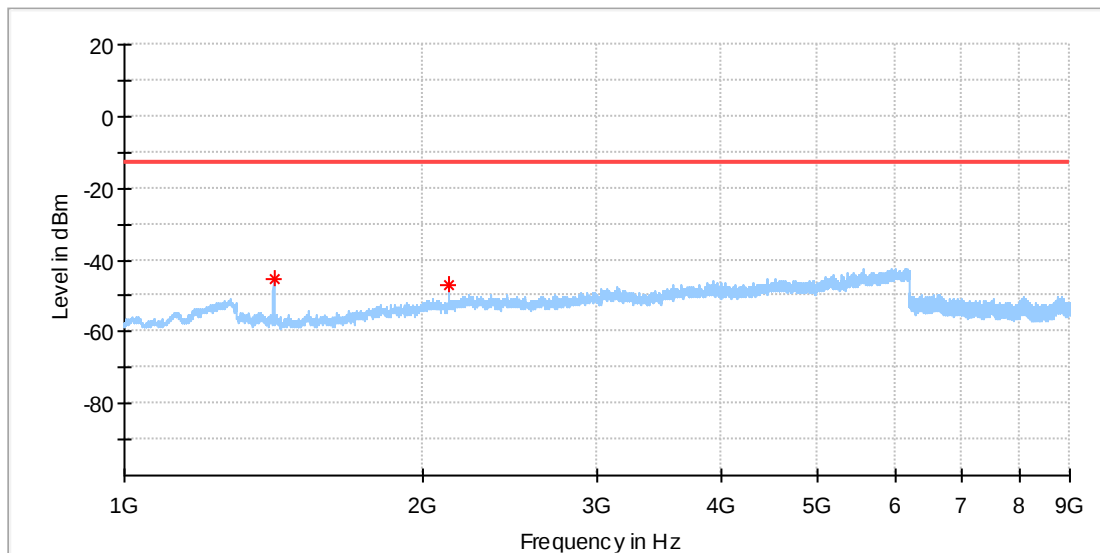


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1415.000000	-51.40	-13.00	38.40	100.0	V	136.0	-92.9
2122.000000	-45.84	-13.00	32.84	100.0	V	171.0	-88.0
2830.000000	-44.78	-13.00	31.78	100.0	V	324.0	-87.4

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

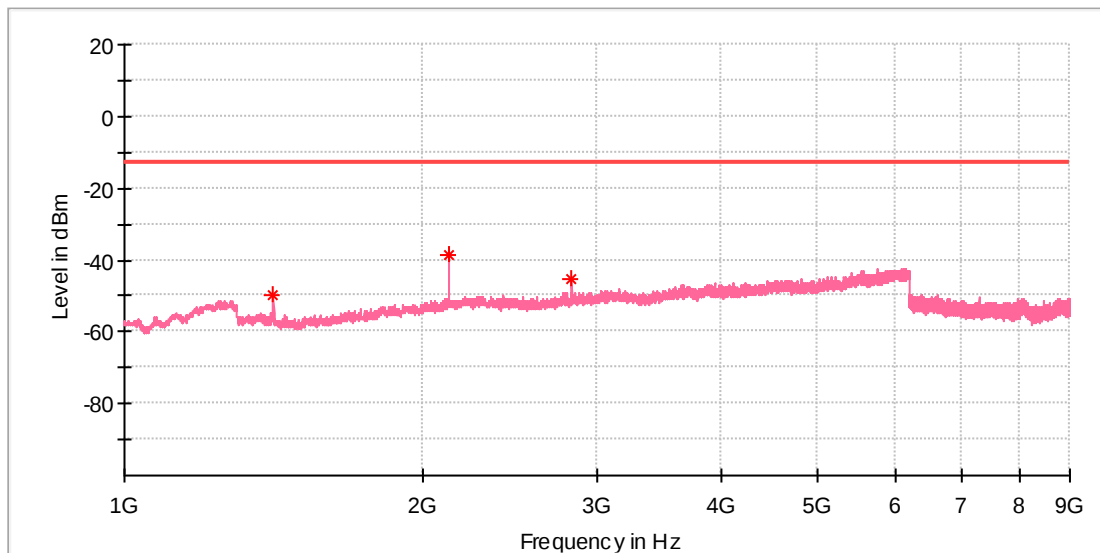


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1415.000000	-45.31	-13.00	32.31	100.0	H	31.0	-92.5
2122.000000	-47.20	-13.00	34.20	100.0	H	45.0	-88.5

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
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

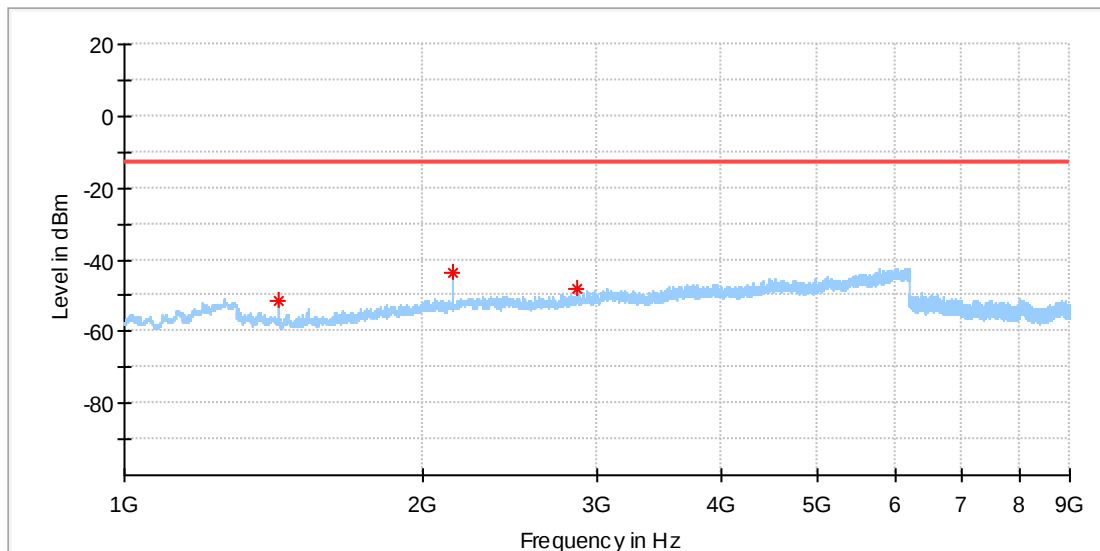
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.500000	-49.98	-13.00	36.98	100.0	V	126.0	-92.9
2122.500000	-38.56	-13.00	25.56	100.0	V	43.0	-88.0
2829.500000	-45.18	-13.00	32.18	100.0	V	238.0	-87.4

Produkte
Products

High Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

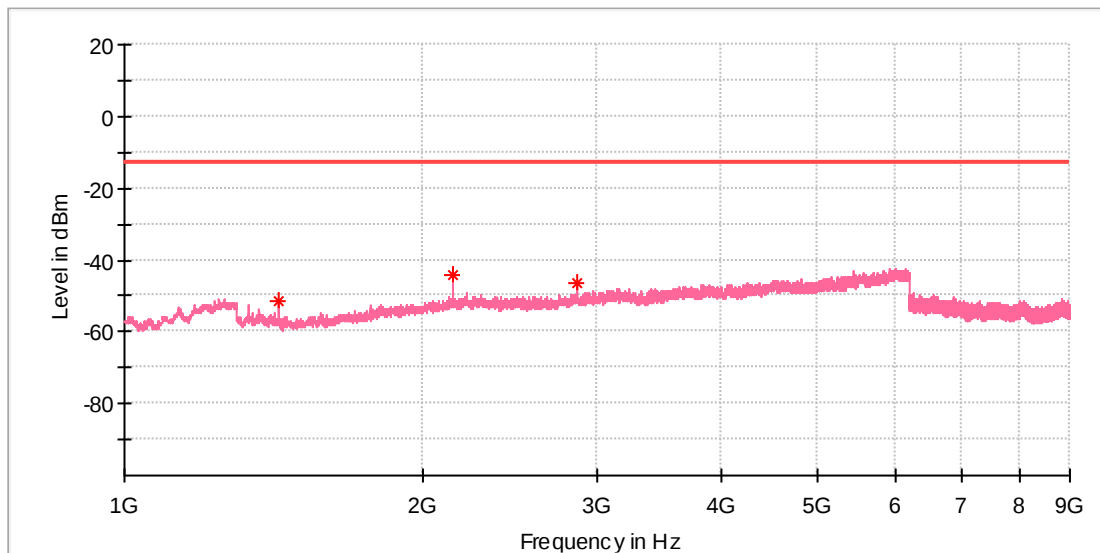


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-51.51	-13.00	38.51	100.0	H	150.0	-93.5
2147.000000	-43.53	-13.00	30.53	100.0	H	108.0	-88.6
2863.000000	-47.88	-13.00	34.88	100.0	H	0.0	-87.0

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX High 3.75kHz QPSK 1@0
Test Voltage: DC 3.8V
Remark: Temp 23 Humi:47%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

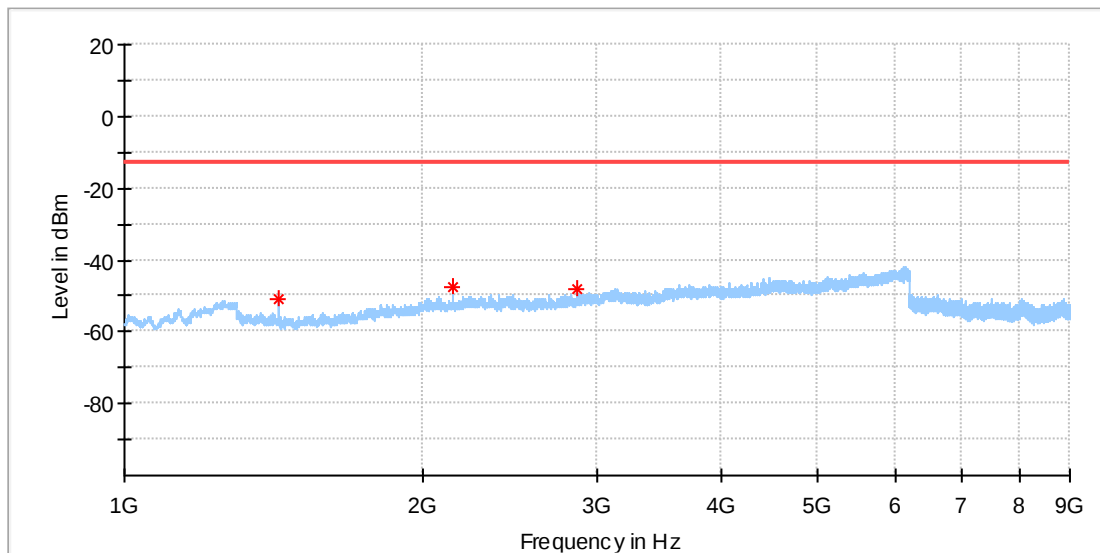


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-51.66	-13.00	38.66	100.0	V	316.0	-93.6
2147.500000	-44.36	-13.00	31.36	100.0	V	171.0	-88.0
2863.000000	-46.65	-13.00	33.65	100.0	V	212.0	-86.9

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

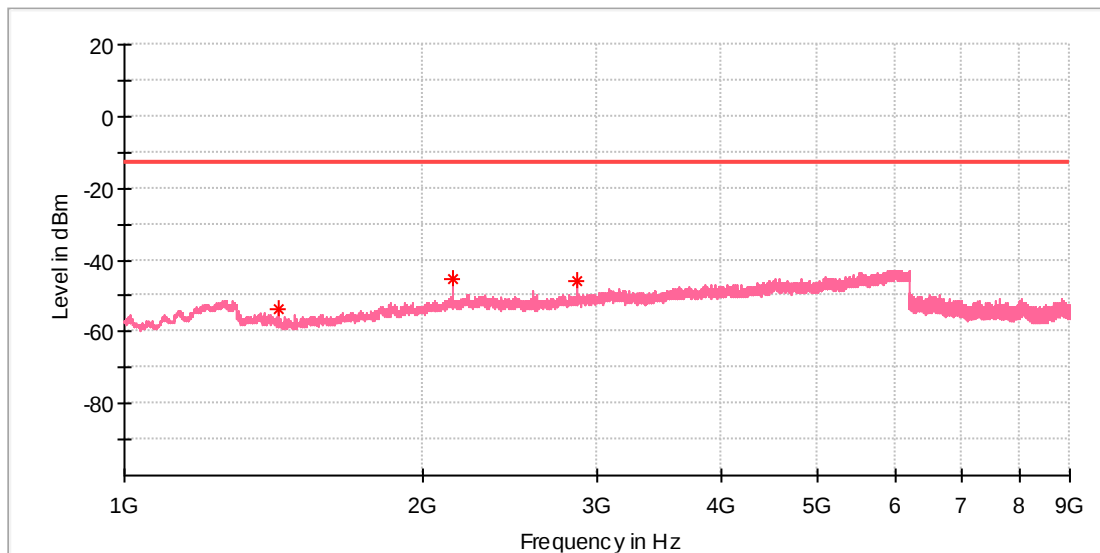


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-50.97	-13.00	37.97	100.0	H	141.0	-93.5
2147.500000	-47.34	-13.00	34.34	100.0	H	113.0	-88.6
2864.000000	-48.09	-13.00	35.09	100.0	H	92.0	-87.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@47
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



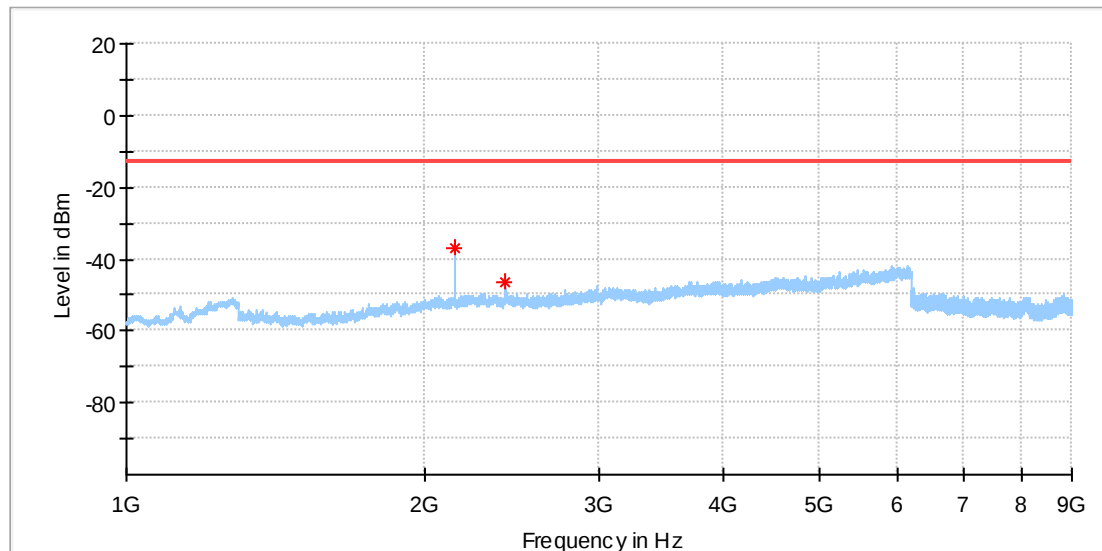
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-53.84	-13.00	40.84	100.0	V	300.0	-93.6
2148.000000	-45.09	-13.00	32.09	100.0	V	183.0	-88.0
2863.500000	-45.95	-13.00	32.95	100.0	V	209.0	-86.9

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

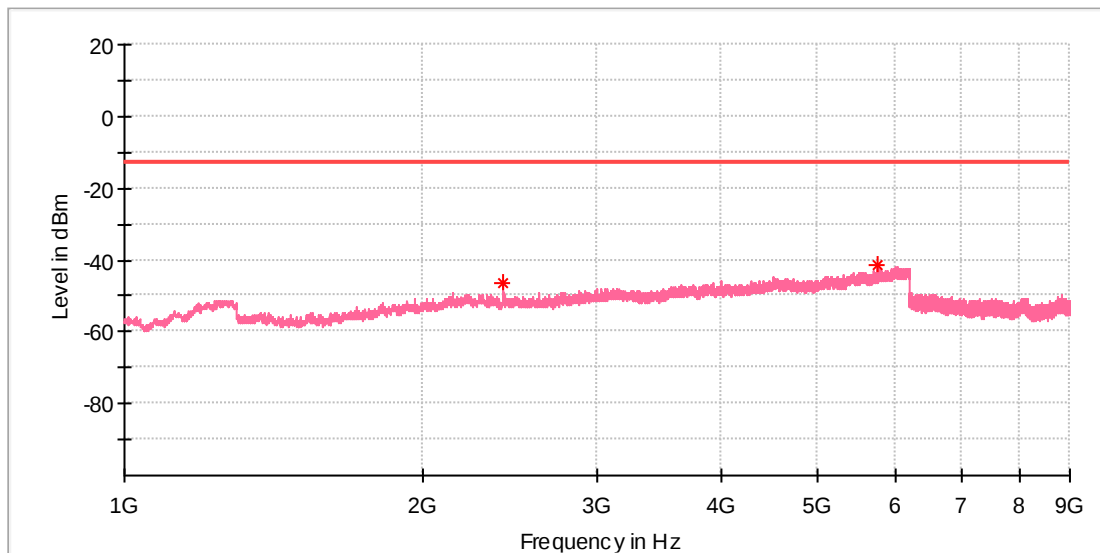


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2147.500000	-36.85	-13.00	23.85	100.0	H	65.0	-88.6
2415.000000	-46.40	-13.00	33.40	100.0	H	266.0	-87.6

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

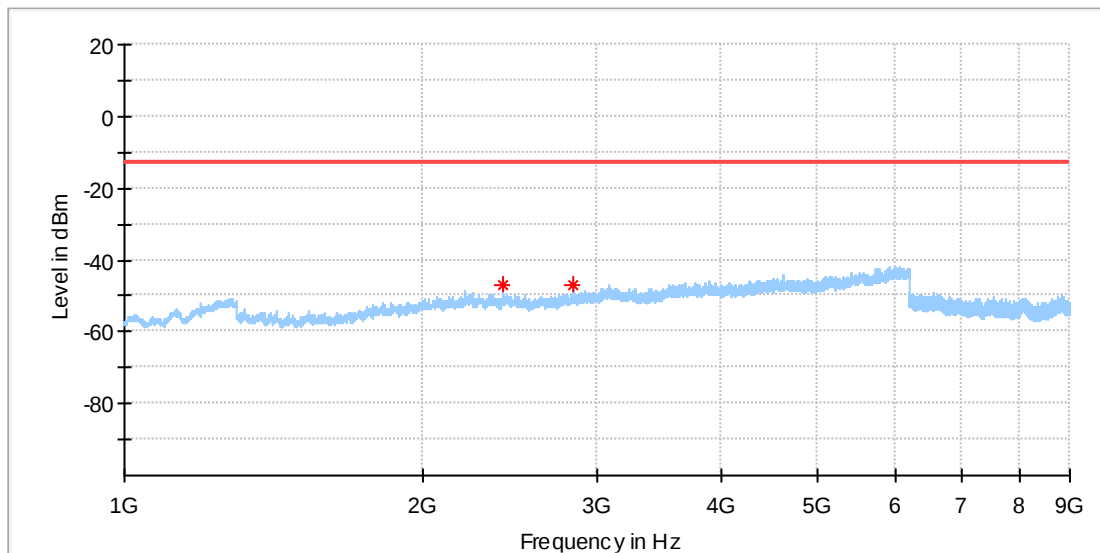


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2414.500000	-46.41	-13.00	33.41	100.0	V	163.0	-88.1
5764.000000	-41.58	-13.00	28.58	100.0	V	5.0	-81.9

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX High 15kHz BPSK 1@11
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

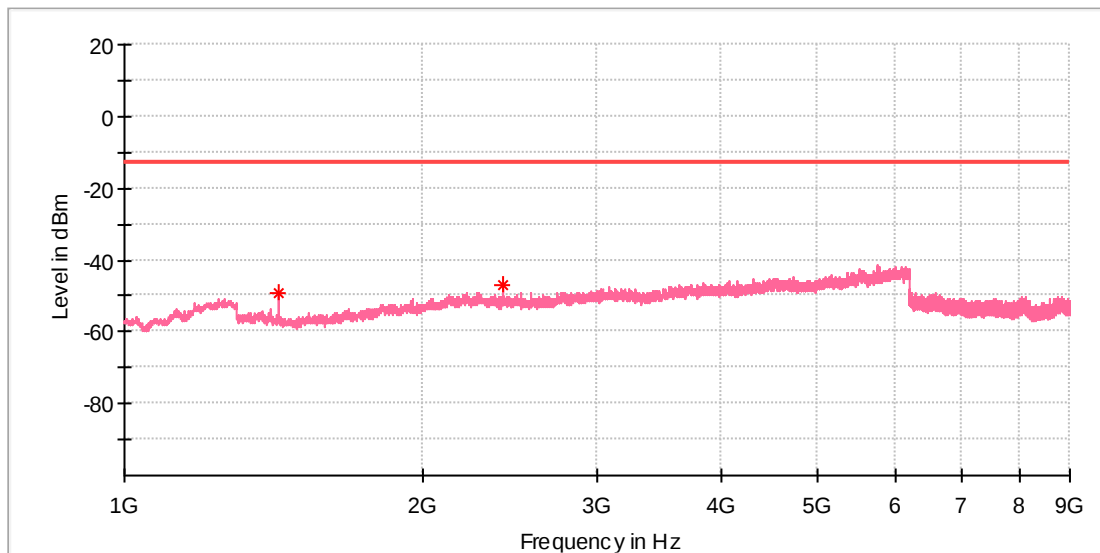


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2414.500000	-47.20	-13.00	34.20	100.0	H	114.0	-87.6
2843.500000	-47.22	-13.00	34.22	100.0	H	323.0	-87.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

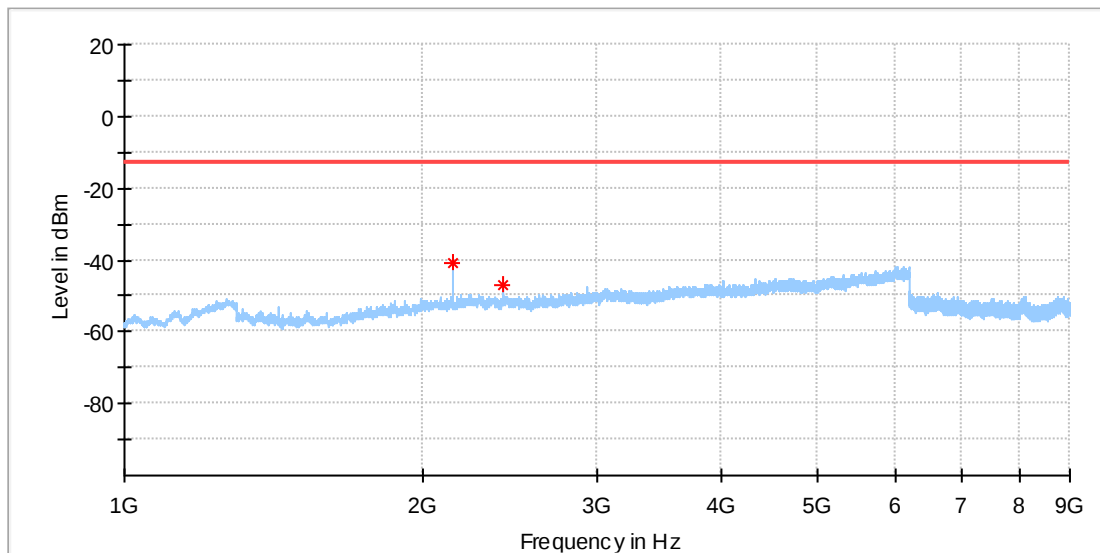


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-49.08	-13.00	36.08	100.0	V	163.0	-93.6
2415.000000	-47.21	-13.00	34.21	100.0	V	184.0	-88.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

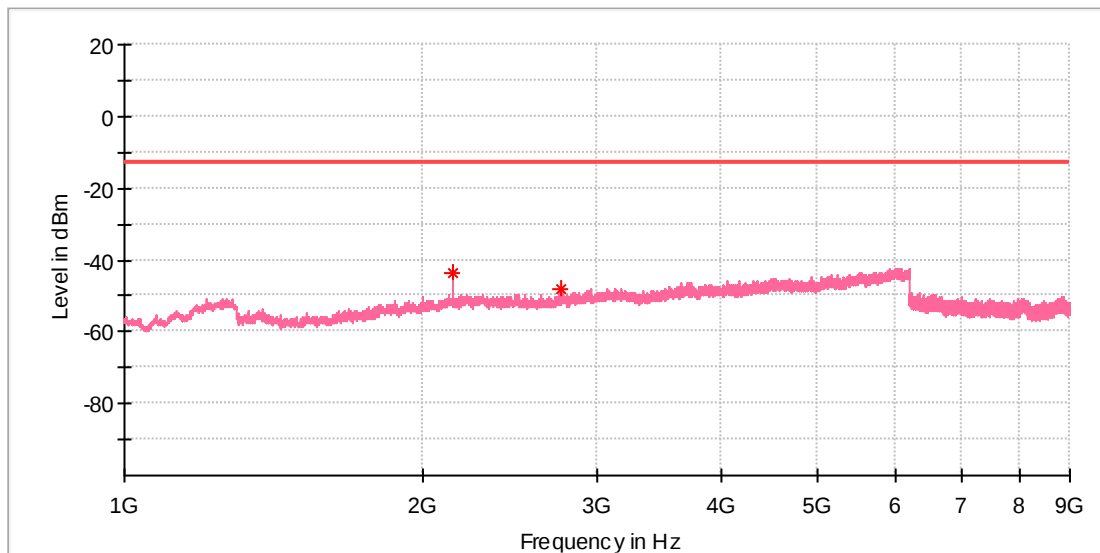


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2147.000000	-41.03	-13.00	28.03	100.0	H	121.0	-88.6
2415.000000	-46.72	-13.00	33.72	100.0	H	16.0	-87.6

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
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

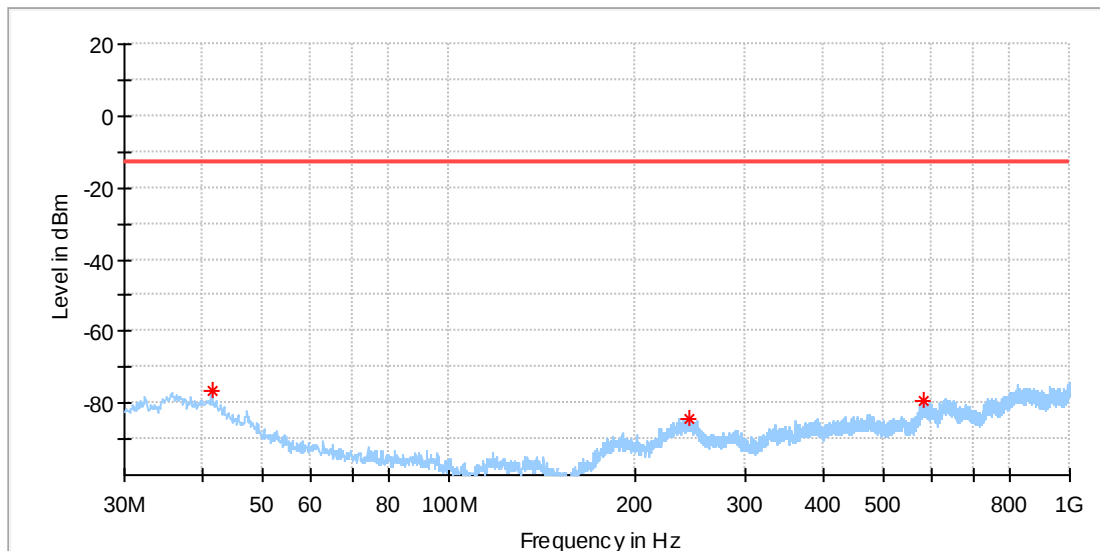
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2147.500000	-43.74	-13.00	30.74	100.0	V	52.0	-88.0
2762.500000	-48.28	-13.00	35.28	100.0	V	240.0	-87.3

Appendix L.5: Field Strength of Spurious Radiation for Band 13

Below 1 GHz
BPSK

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
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

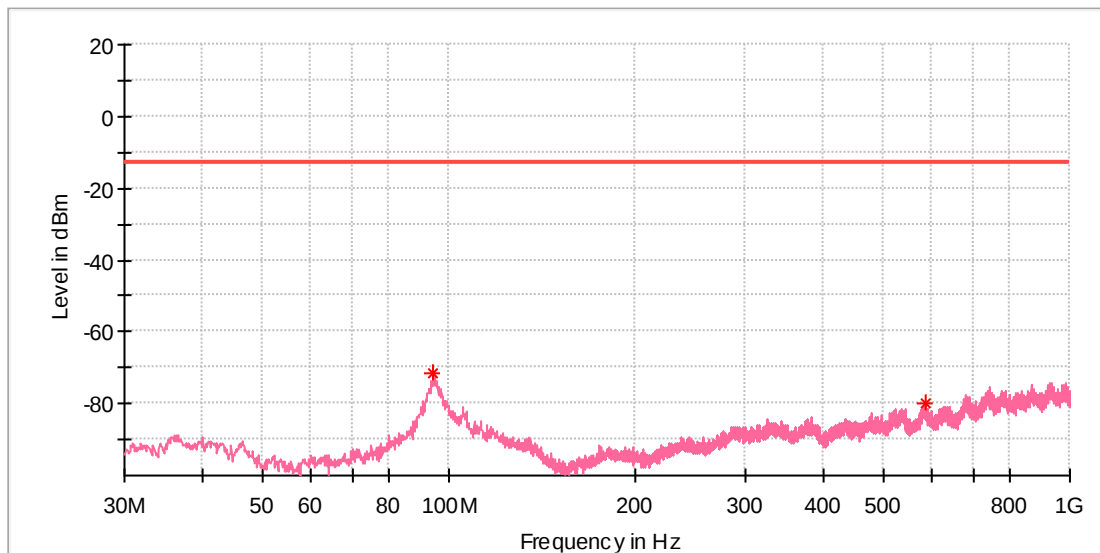


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.518750	-76.80	-13.00	63.80	100.0	H	0.0	-112.2
243.036250	-84.14	-13.00	71.14	100.0	H	294.0	-110.0
581.808750	-79.23	-13.00	66.23	100.0	H	15.0	-106.2

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
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



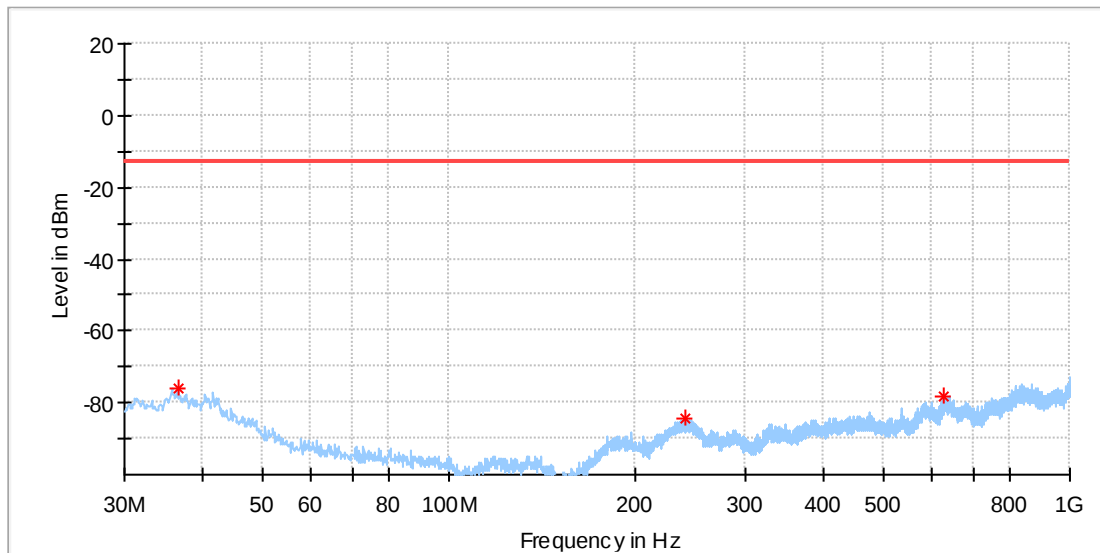
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.383750	-71.44	-13.00	58.44	100.0	V	334.0	-99.6
584.233750	-79.73	-13.00	66.73	100.0	V	23.0	-106.6

QPSK

EUT Information

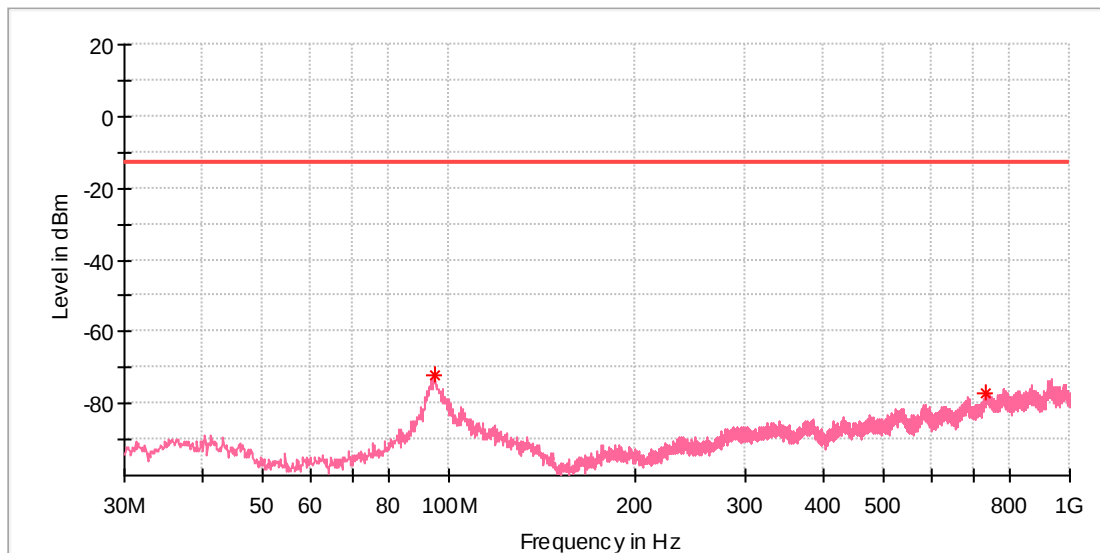
EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.547500	-76.20	-13.00	63.20	100.0	H	336.0	-113.2
239.520000	-84.33	-13.00	71.33	100.0	H	110.0	-110.6
627.277500	-78.23	-13.00	65.23	100.0	H	142.0	-105.3

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz QPSK 1@0
Test Voltage::	DC 3.8V
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

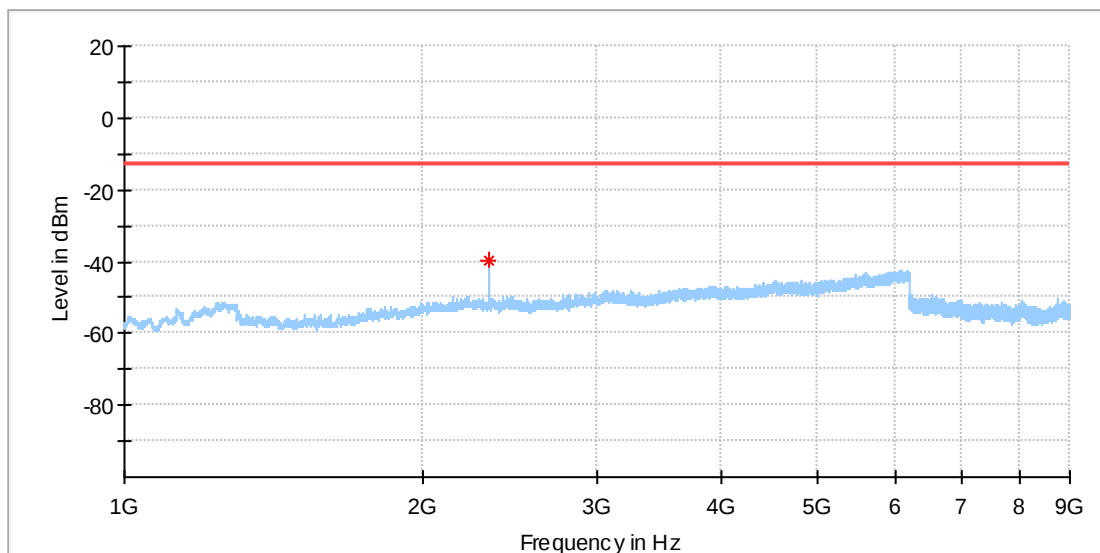
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.868750	-72.07	-13.00	59.07	100.0	V	215.0	-99.6
730.340000	-76.89	-13.00	63.89	100.0	V	9.0	-103.2

Produkte
Products

Above 1 GHz
Low Channel
3.75 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

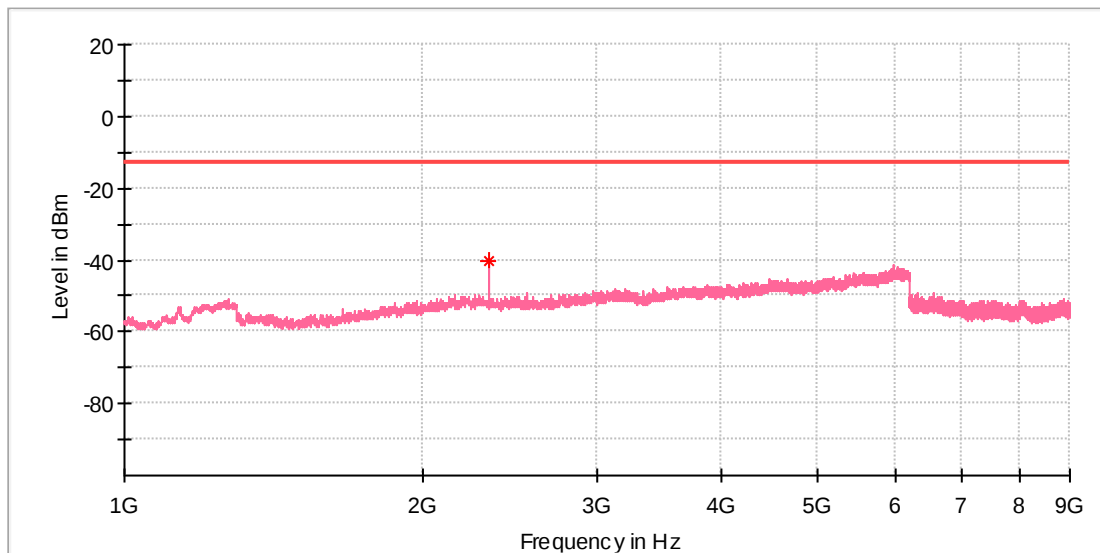


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2331.000000	-39.45	-13.00	26.45	100.0	H	107.0	-87.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

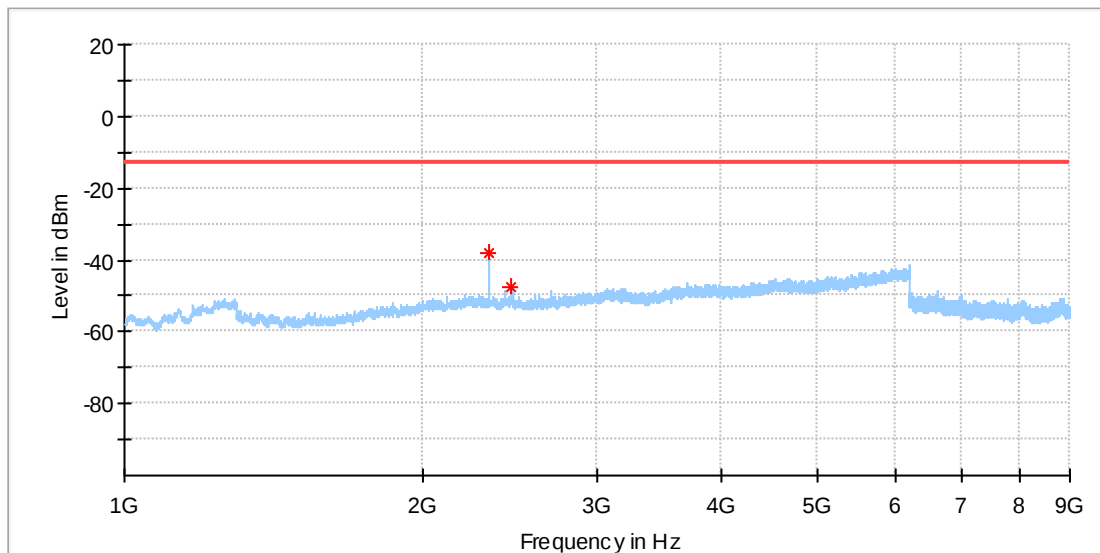


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2331.000000	-40.56	-13.00	27.56	100.0	V	37.0	-88.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

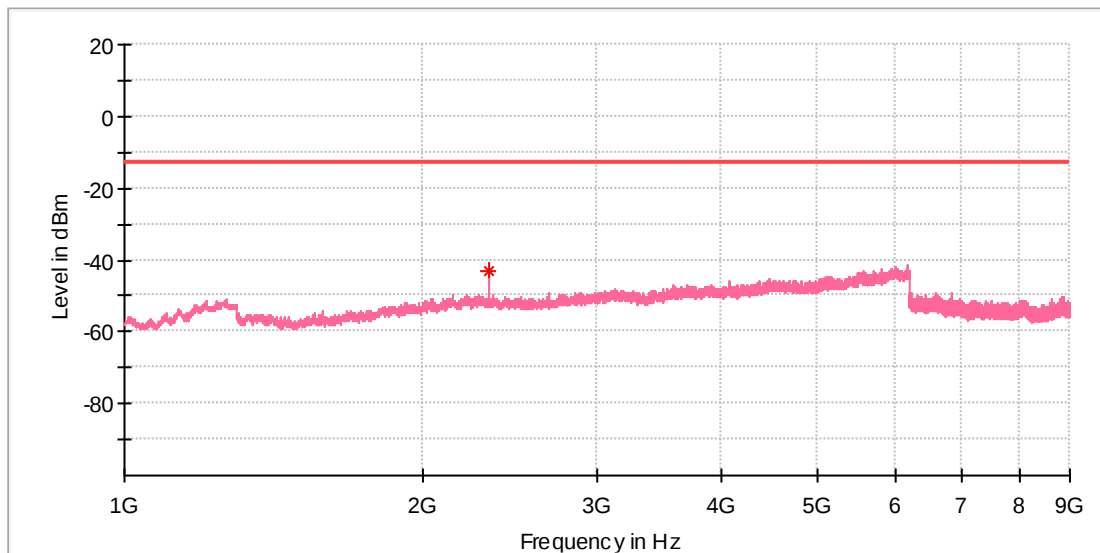


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2331.000000	-38.30	-13.00	25.30	100.0	H	107.0	-87.7
2461.000000	-47.26	-13.00	34.26	100.0	H	225.0	-87.9

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



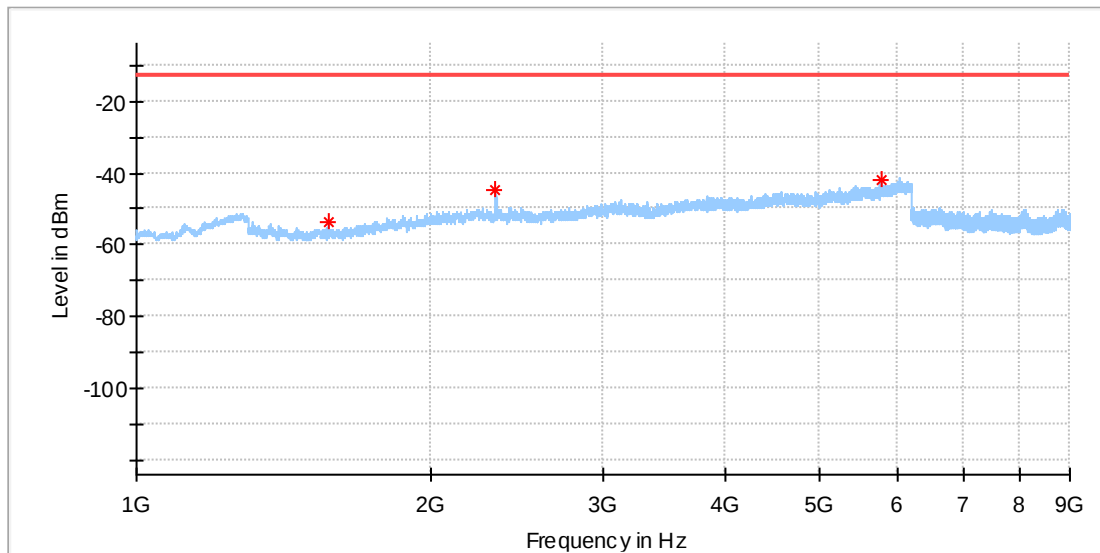
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2331.500000	-43.34	-13.00	30.34	100.0	V	23.0	-88.0

15 kHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

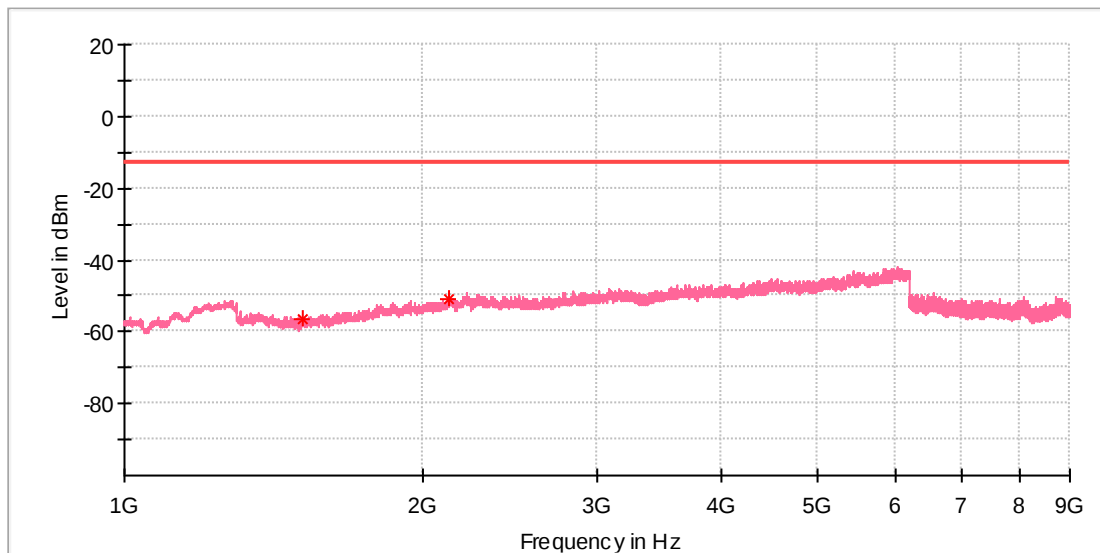


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1573.000000	-53.79	-13.00	40.79	100.0	H	114.0	-93.0
2330.500000	-44.81	-13.00	31.81	100.0	H	315.0	-87.7
5768.000000	-41.87	-13.00	28.87	100.0	H	93.0	-81.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

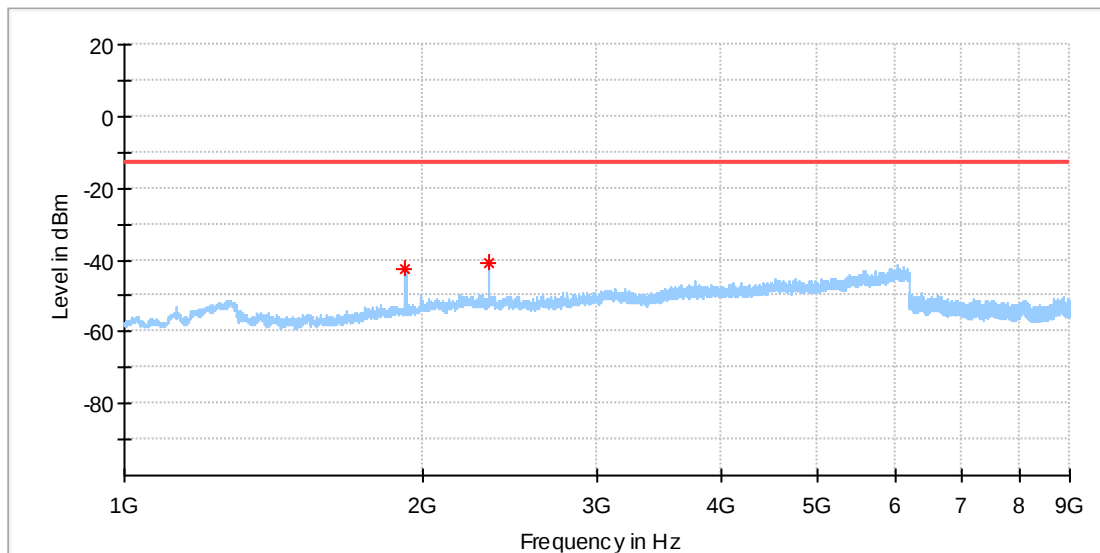


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1515.000000	-56.36	-13.00	43.36	100.0	V	100.0	-93.7
2128.500000	-50.87	-13.00	37.87	100.0	V	330.0	-87.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

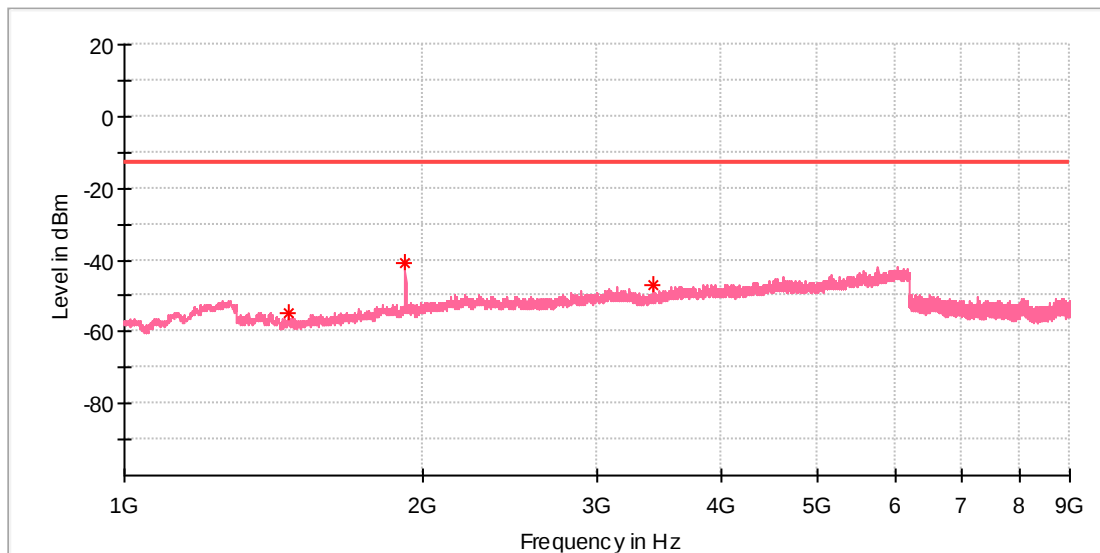


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1921.500000	-42.70	-13.00	29.70	100.0	H	224.0	-90.1
2331.000000	-41.08	-13.00	28.08	100.0	H	280.0	-87.7

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-W1
Test Mode: TX Low 15kHz BPSK 1@11
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

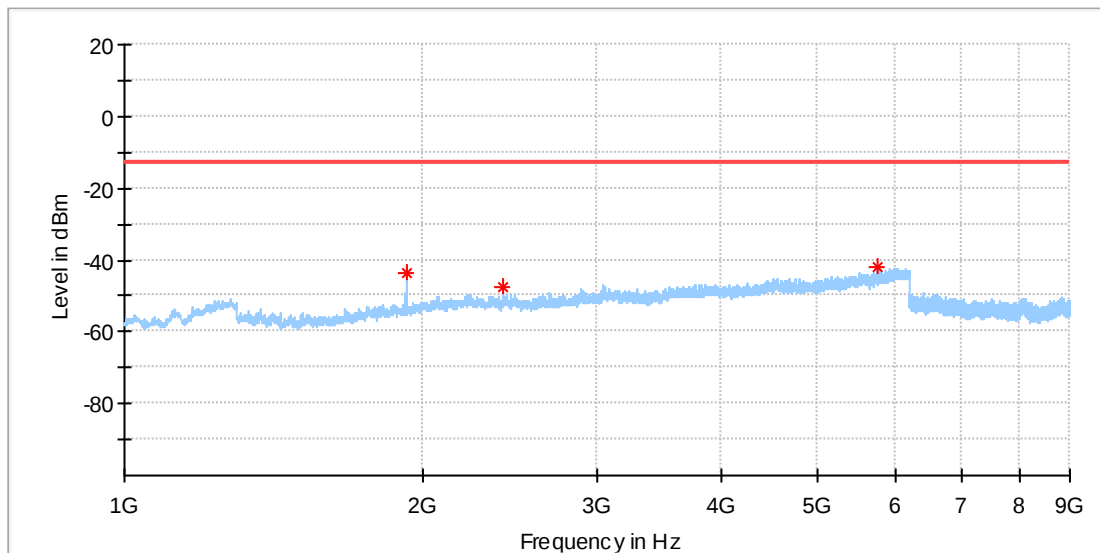


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1463.000000	-54.91	-13.00	41.91	100.0	V	211.0	-93.8
1921.500000	-41.06	-13.00	28.06	100.0	V	107.0	-89.6
3413.500000	-46.78	-13.00	33.78	100.0	V	72.0	-86.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

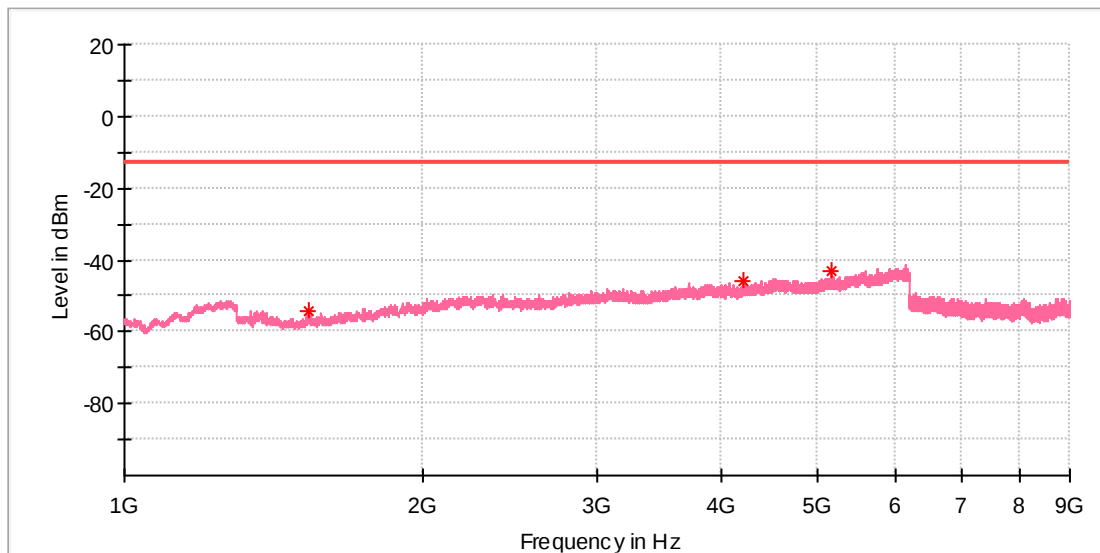


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1927.500000	-43.69	-13.00	30.69	100.0	H	10.0	-90.1
2415.000000	-47.51	-13.00	34.51	100.0	H	155.0	-87.6
5765.000000	-41.77	-13.00	28.77	100.0	H	169.0	-81.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 24 Humi:47%
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)
1535.000000	-53.98	-13.00	40.98	100.0	V	176.0	-93.2
4208.500000	-45.71	-13.00	32.71	100.0	V	182.0	-85.3
5165.500000	-43.21	-13.00	30.21	100.0	V	162.0	-82.7