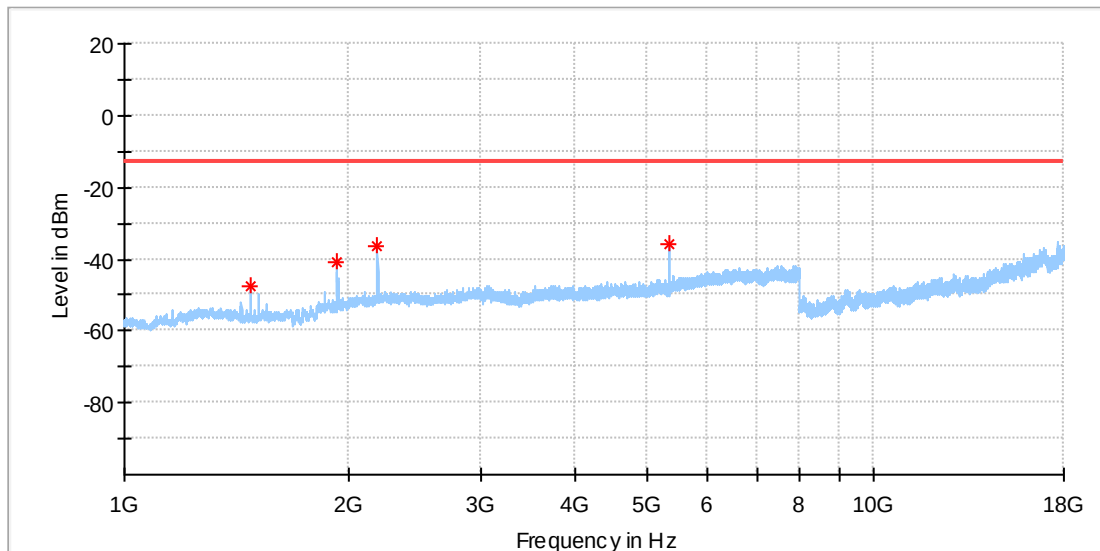


Produkte
Products

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

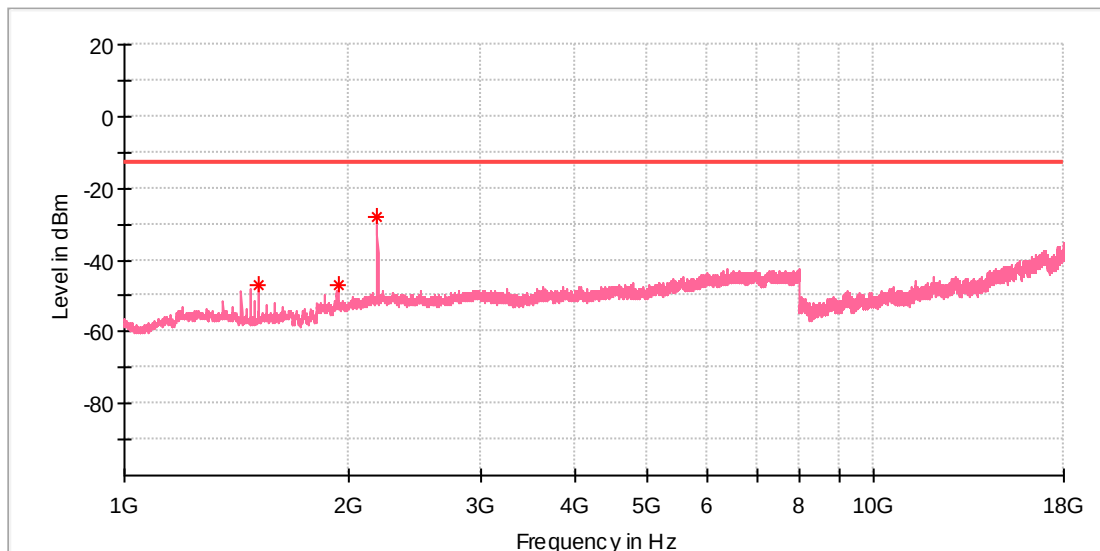


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1472.000000	-47.58	-13.00	34.58	100.0	H	218.0	-93.3
1922.000000	-40.87	-13.00	27.87	100.0	H	1.0	-90.1
2180.000000	-36.12	-13.00	23.12	100.0	H	288.0	-88.0
5339.500000	-35.68	-13.00	22.68	100.0	H	123.0	-84.9

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

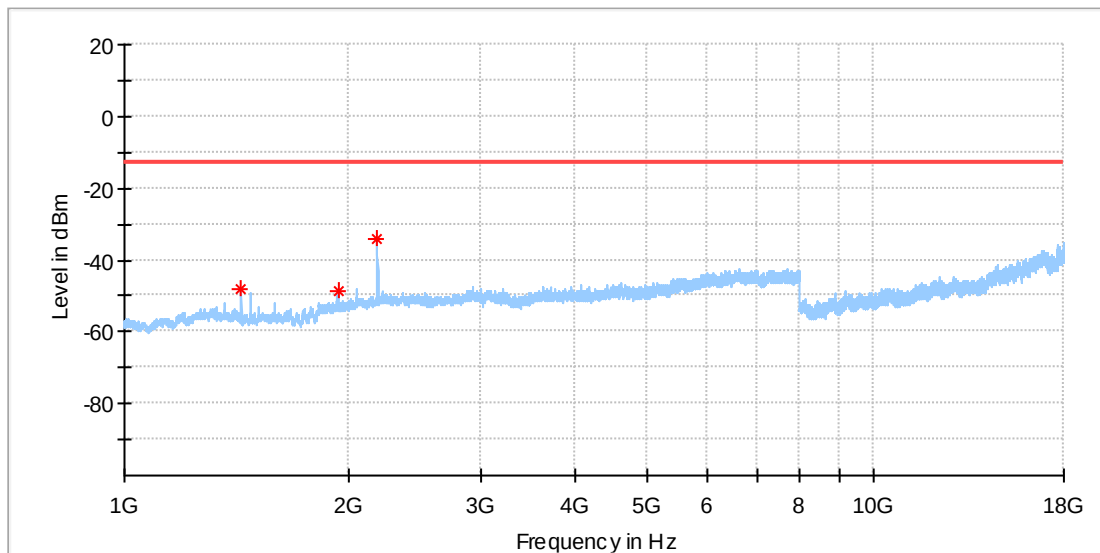


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1511.000000	-46.77	-13.00	33.77	100.0	V	255.0	-93.8
1928.500000	-47.00	-13.00	34.00	100.0	V	134.0	-89.4
2180.000000	-27.94	-13.00	14.94	100.0	V	53.0	-88.0

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

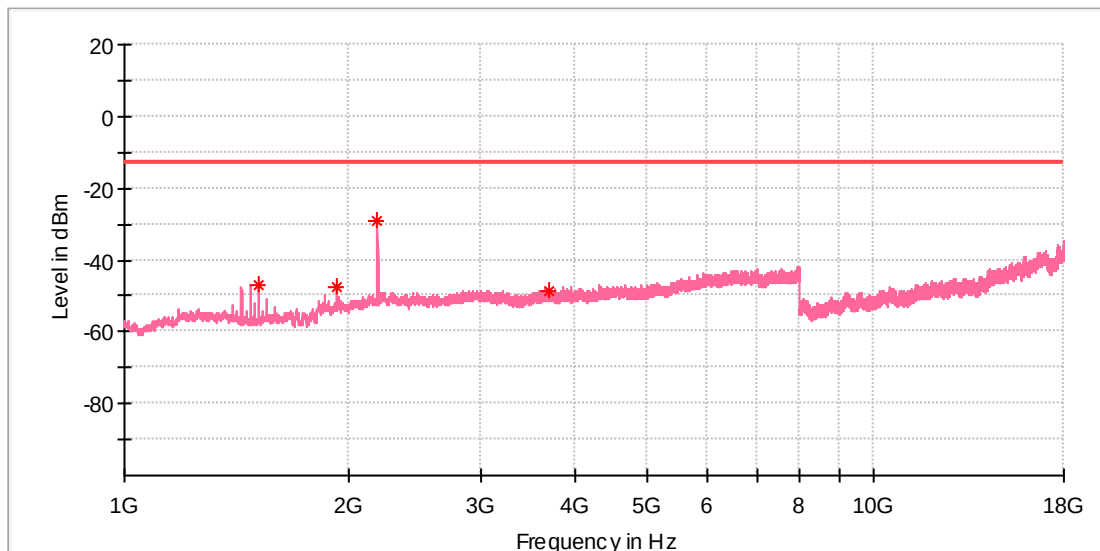


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1434.000000	-48.14	-13.00	35.14	100.0	H	356.0	-93.6
1928.000000	-48.73	-13.00	35.73	100.0	H	143.0	-90.1
2180.000000	-34.21	-13.00	21.21	100.0	H	51.0	-88.0

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

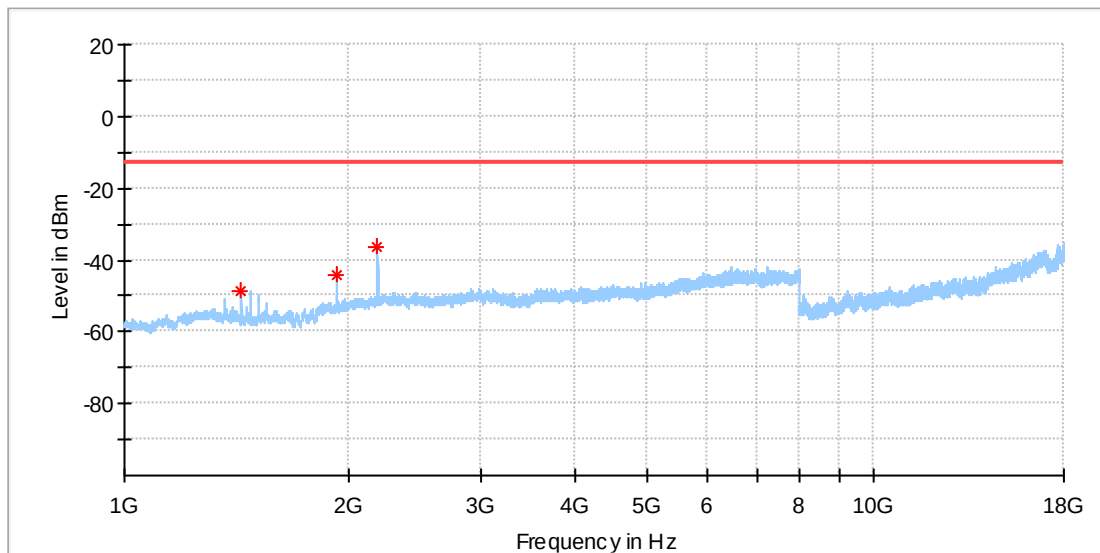


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1510.500000	-47.13	-13.00	34.13	100.0	V	210.0	-93.8
1926.000000	-47.71	-13.00	34.71	100.0	V	343.0	-89.5
2180.000000	-28.97	-13.00	15.97	100.0	V	164.0	-88.0
3693.000000	-48.50	-13.00	35.50	100.0	V	114.0	-86.7

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

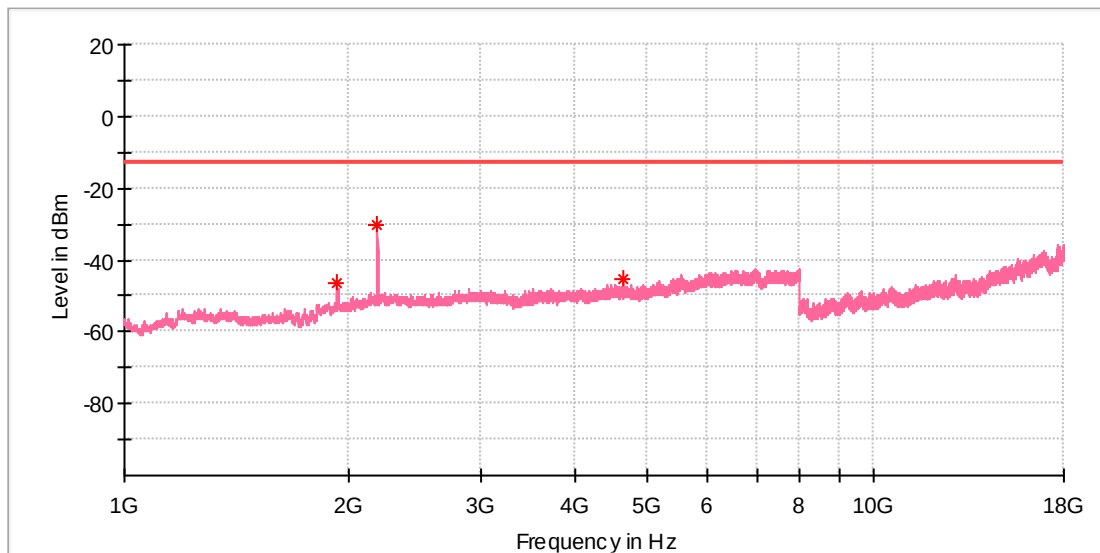


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1434.000000	-48.65	-13.00	35.65	100.0	H	345.0	-93.6
1925.500000	-44.13	-13.00	31.13	100.0	H	100.0	-90.1
2179.500000	-36.12	-13.00	23.12	100.0	H	77.0	-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 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

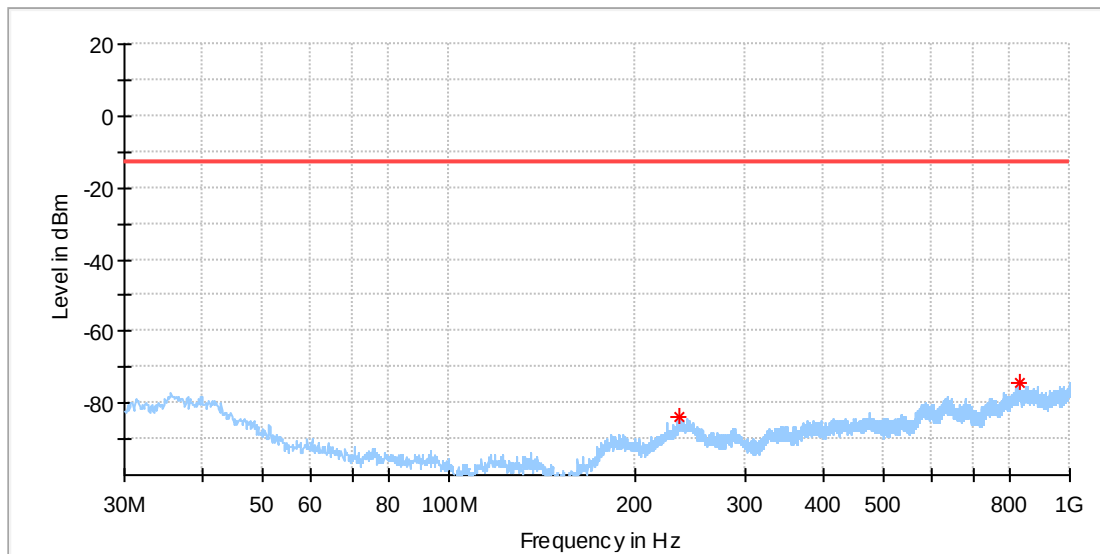
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1922.000000	-46.42	-13.00	33.42	100.0	V	333.0	-89.6
2180.000000	-30.07	-13.00	17.07	100.0	V	0.0	-88.0
4628.000000	-45.39	-13.00	32.39	100.0	V	315.0	-85.7

Appendix L.10: Field Strength of Spurious Radiation for Band 71

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

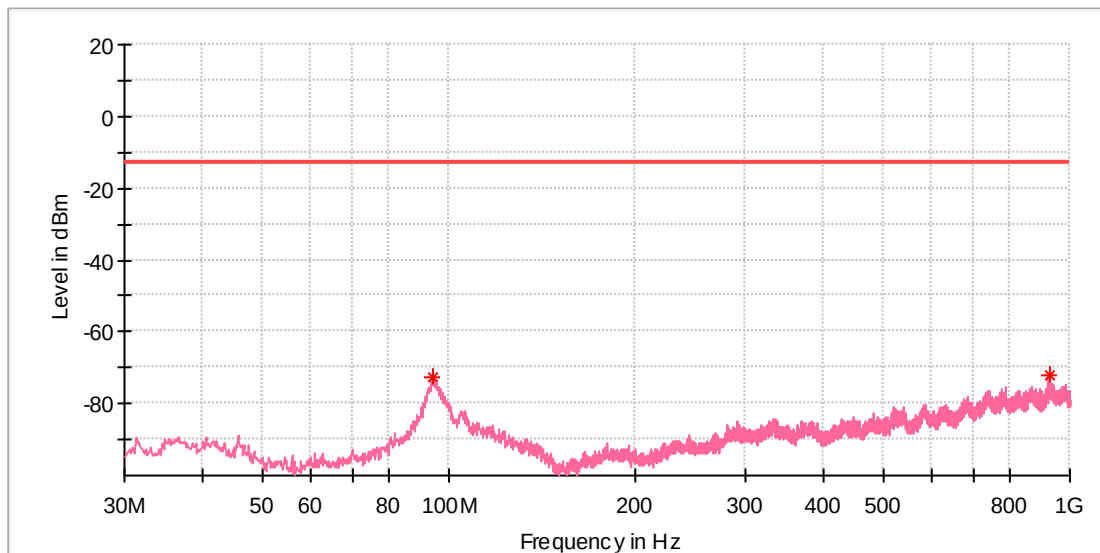


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
234.427500	-83.77	-13.00	70.77	100.0	H	15.0	-111.7
829.765000	-74.51	-13.00	61.51	100.0	H	297.0	-102.0

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



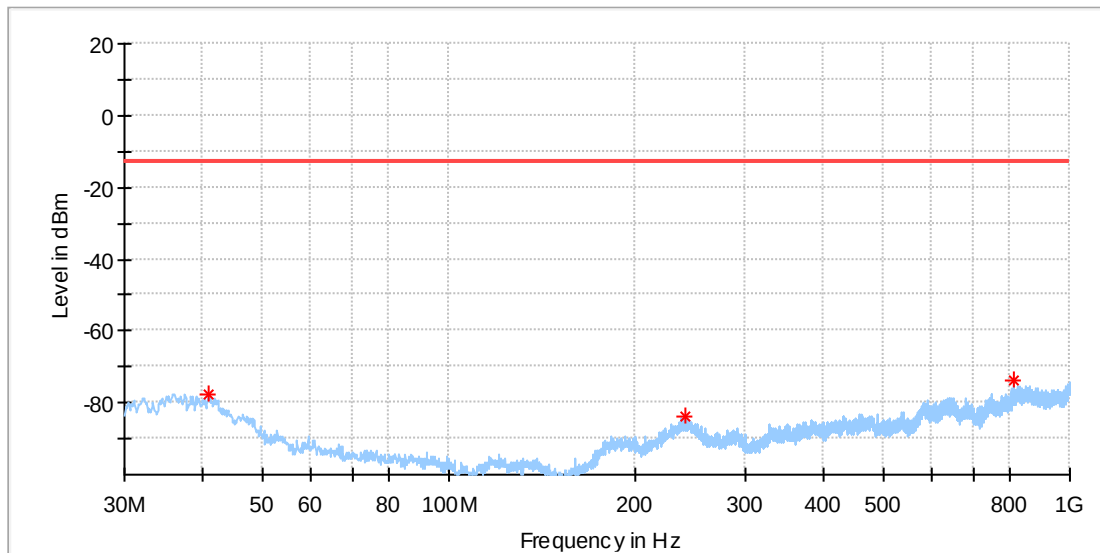
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.898750	-72.86	-13.00	59.86	100.0	V	262.0	-100.1
930.160000	-72.24	-13.00	59.24	100.0	V	18.0	-100.4

QPSK

EUT Information

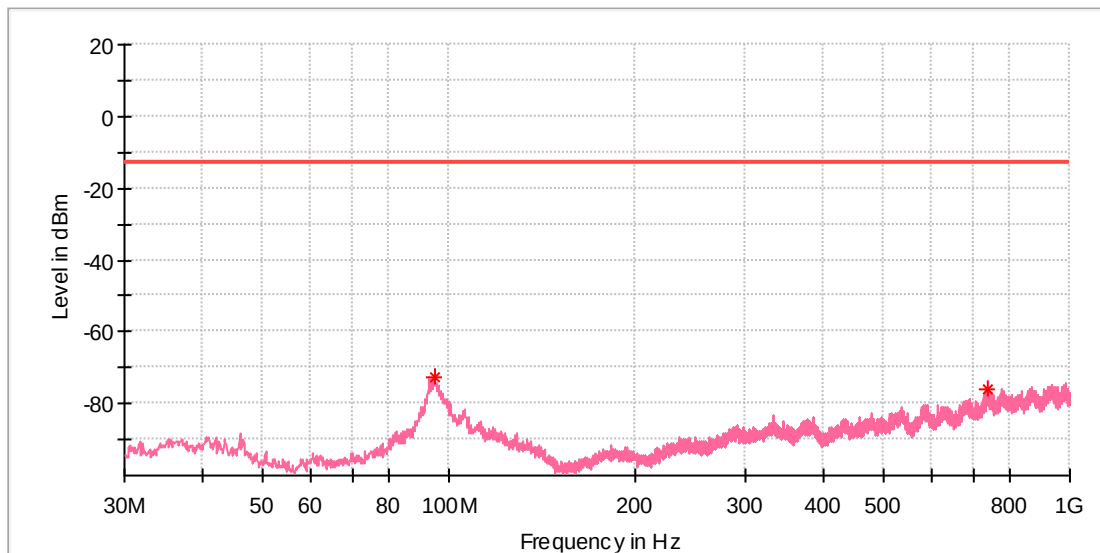
EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 15kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.033750	-77.81	-13.00	64.81	100.0	H	31.0	-112.3
240.611250	-83.88	-13.00	70.88	100.0	H	222.0	-110.4
813.153750	-73.98	-13.00	60.98	100.0	H	244.0	-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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

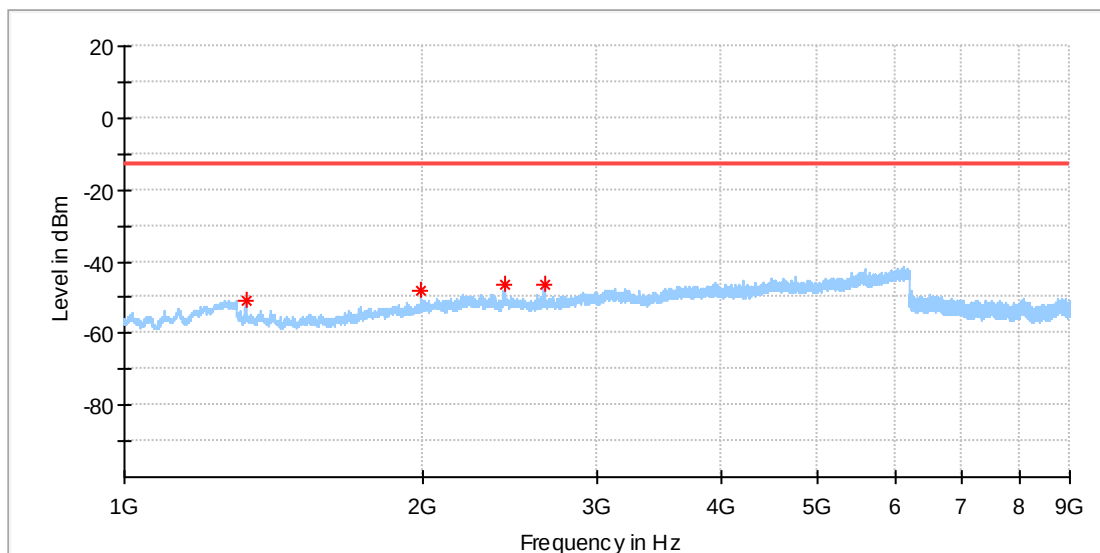
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.626250	-72.86	-13.00	59.86	100.0	V	0.0	-99.6
738.463750	-75.96	-13.00	62.96	100.0	V	188.0	-102.0

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

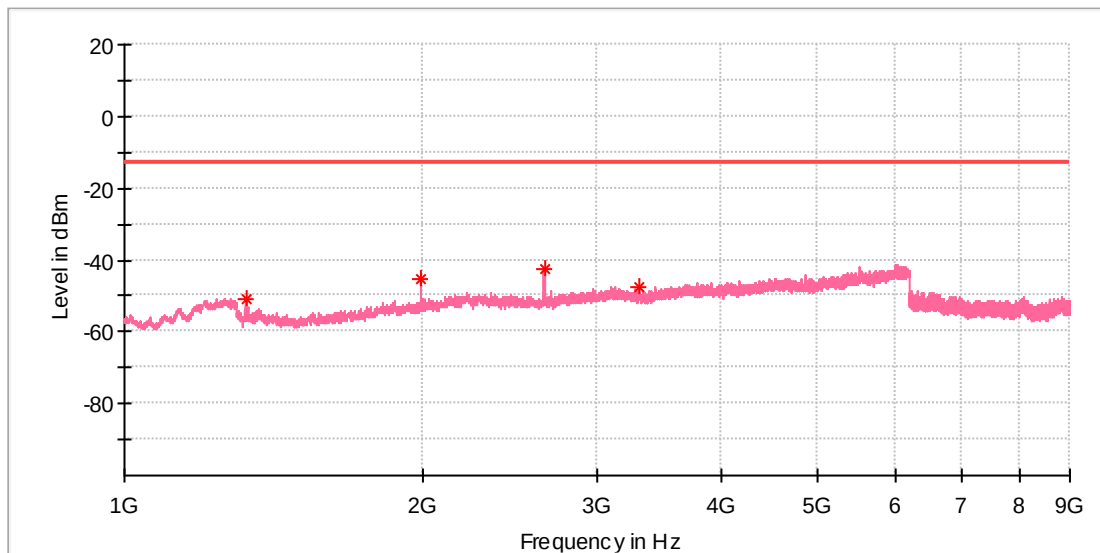


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1326.000000	-50.73	-13.00	37.73	100.0	H	329.0	-92.5
1988.500000	-48.12	-13.00	35.12	100.0	H	343.0	-89.3
2418.000000	-46.28	-13.00	33.28	100.0	H	92.0	-87.6
2652.000000	-46.64	-13.00	33.64	100.0	H	43.0	-88.1

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

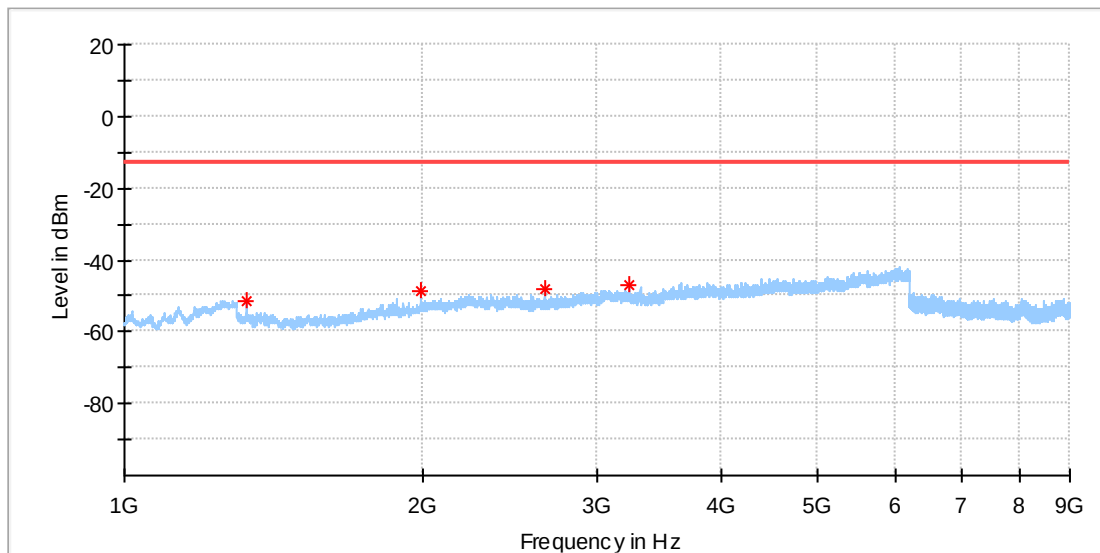


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1326.000000	-50.94	-13.00	37.94	100.0	V	246.0	-93.0
1989.000000	-45.46	-13.00	32.46	100.0	V	156.0	-89.7
2652.000000	-42.55	-13.00	29.55	100.0	V	274.0	-88.1
3315.000000	-47.29	-13.00	34.29	100.0	V	198.0	-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:48%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

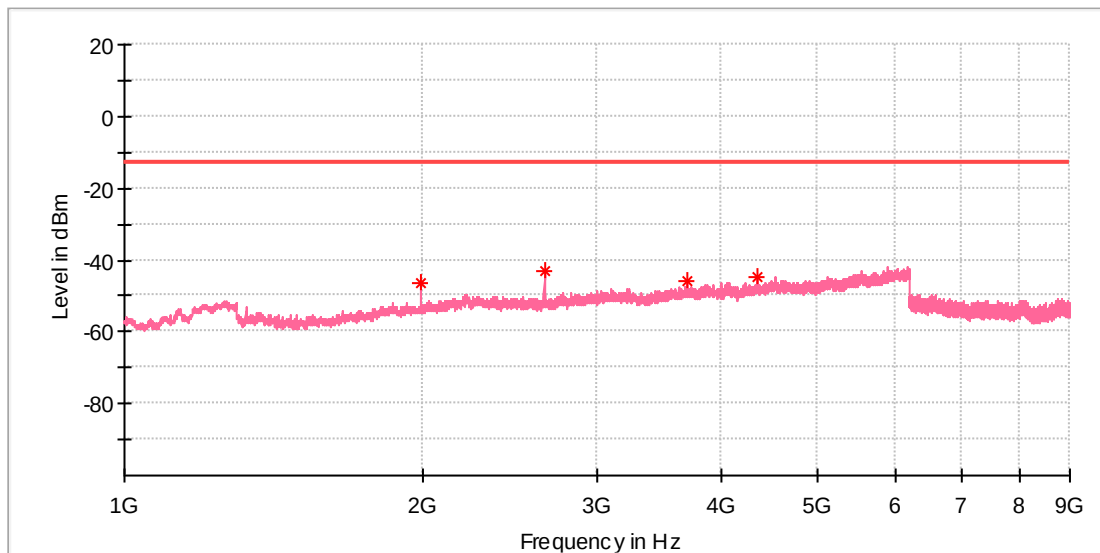


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1326.000000	-51.58	-13.00	38.58	100.0	H	3.0	-92.5
1989.000000	-48.91	-13.00	35.91	100.0	H	346.0	-89.3
2653.000000	-48.14	-13.00	35.14	100.0	H	53.0	-88.1
3228.500000	-46.98	-13.00	33.98	100.0	H	67.0	-86.7

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

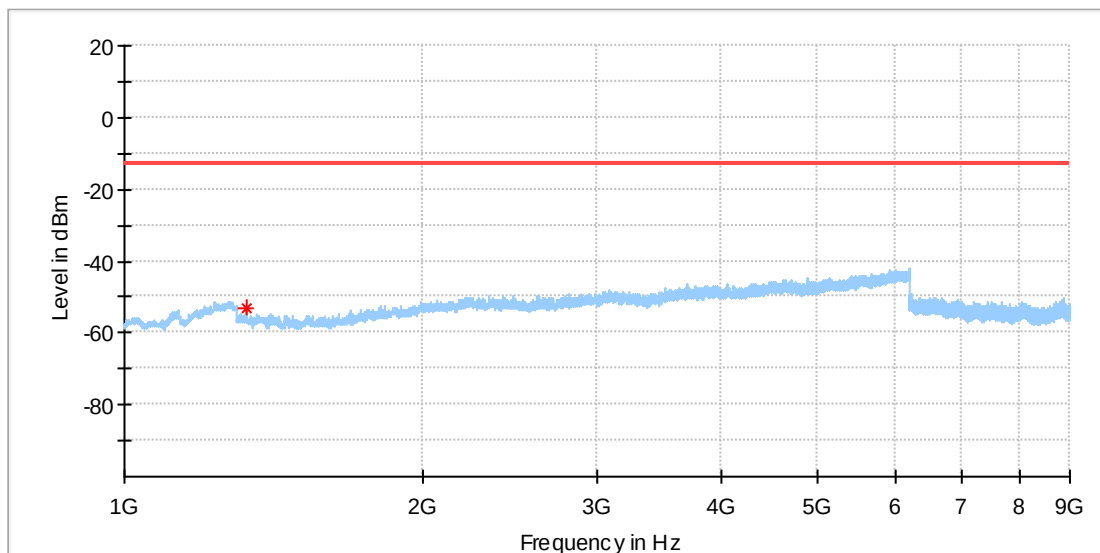
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1989.500000	-46.27	-13.00	33.27	100.0	V	174.0	-89.7
2652.500000	-43.25	-13.00	30.25	100.0	V	272.0	-88.1
3703.500000	-45.84	-13.00	32.84	100.0	V	58.0	-85.4
4355.000000	-44.91	-13.00	31.91	100.0	V	160.0	-84.6

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

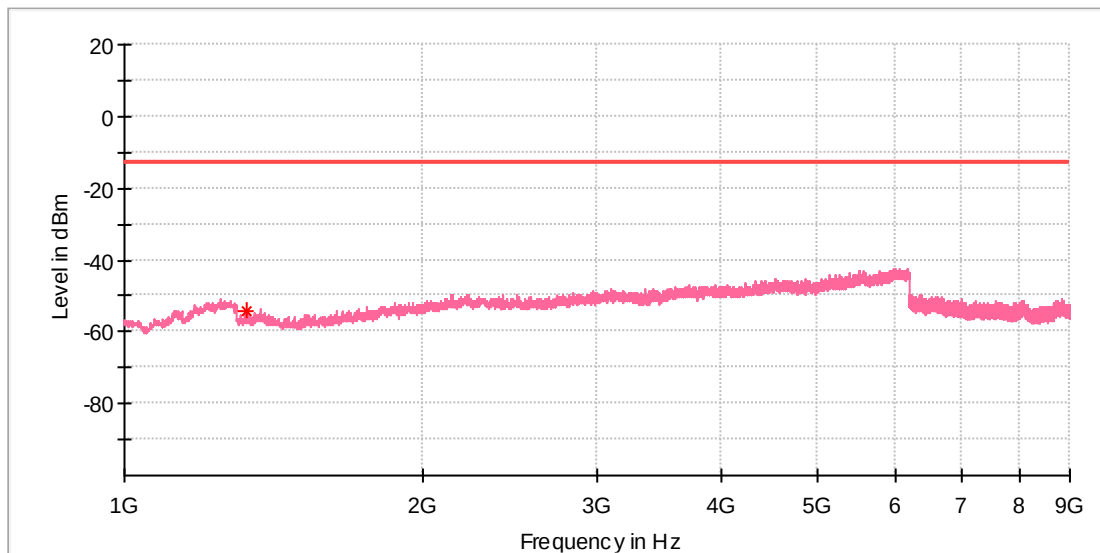


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1325.500000	-53.27	-13.00	40.27	100.0	H	281.0	-92.5

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

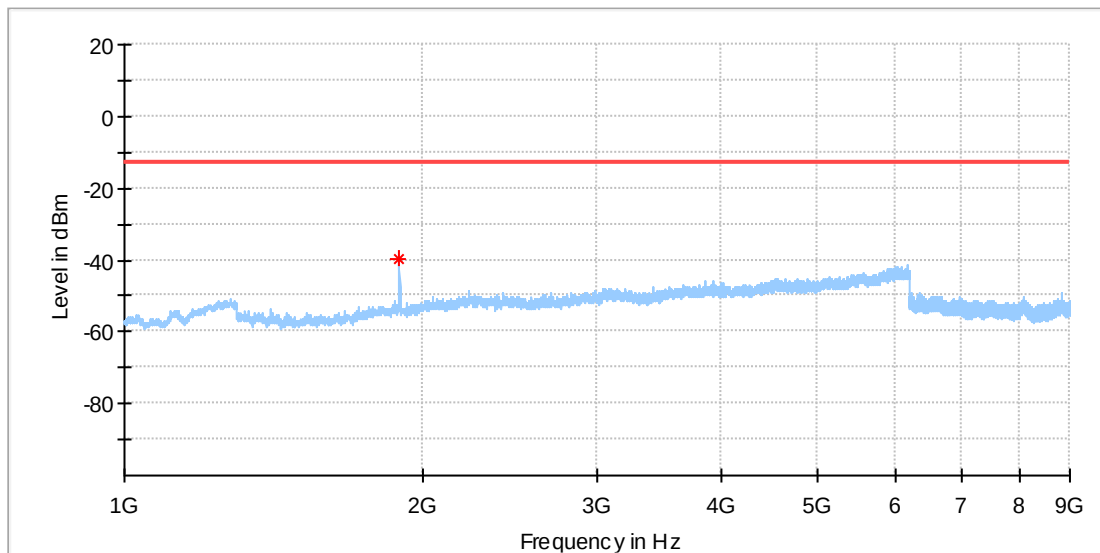


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1326.000000	-54.50	-13.00	41.50	100.0	V	150.0	-93.0

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

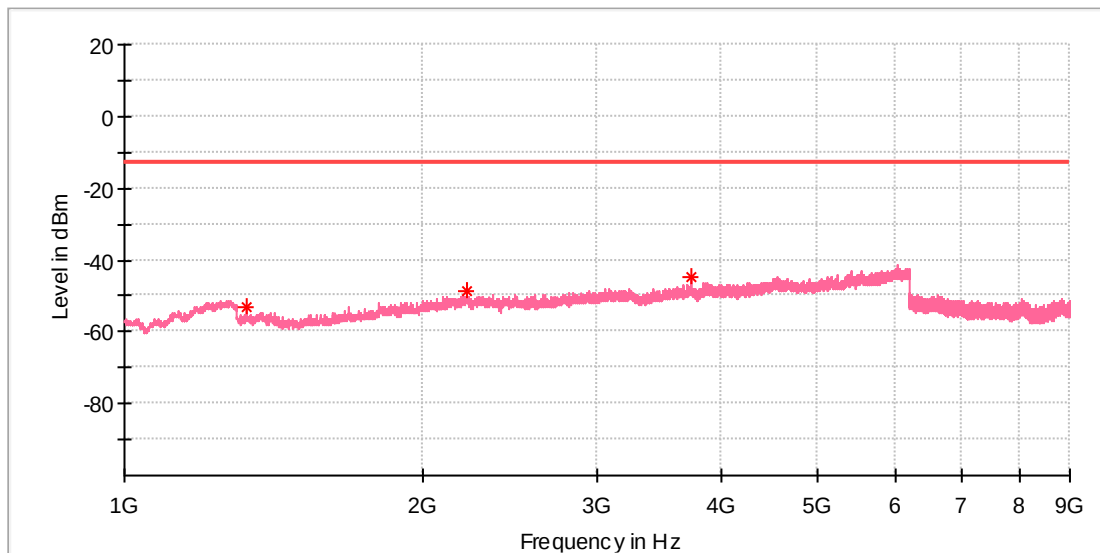


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1893.500000	-39.95	-13.00	26.95	100.0	H	320.0	-90.3

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



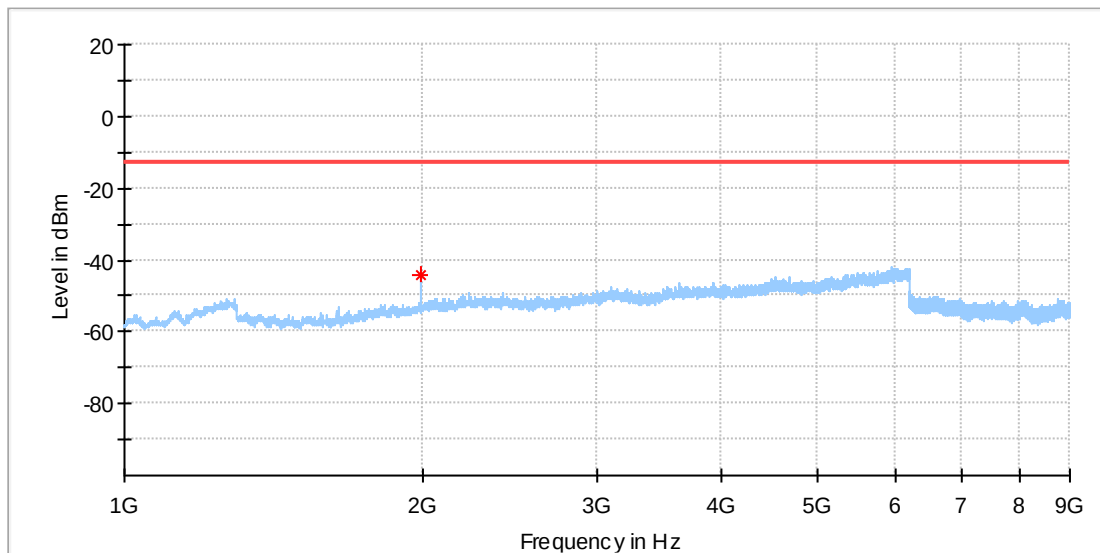
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1326.000000	-53.29	-13.00	40.29	100.0	V	130.0	-93.0
2214.500000	-48.89	-13.00	35.89	100.0	V	193.0	-87.0
3726.500000	-44.78	-13.00	31.78	100.0	V	102.0	-85.4

Produkte
Products

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



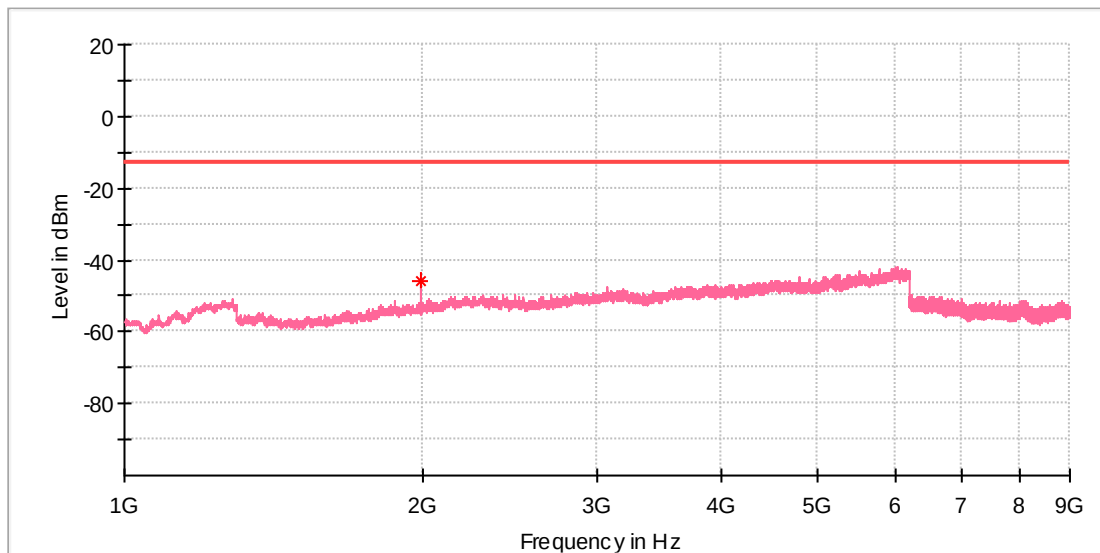
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1989.000000	-44.38	-13.00	31.38	100.0	H	107.0	-89.3

Produkte
Products

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

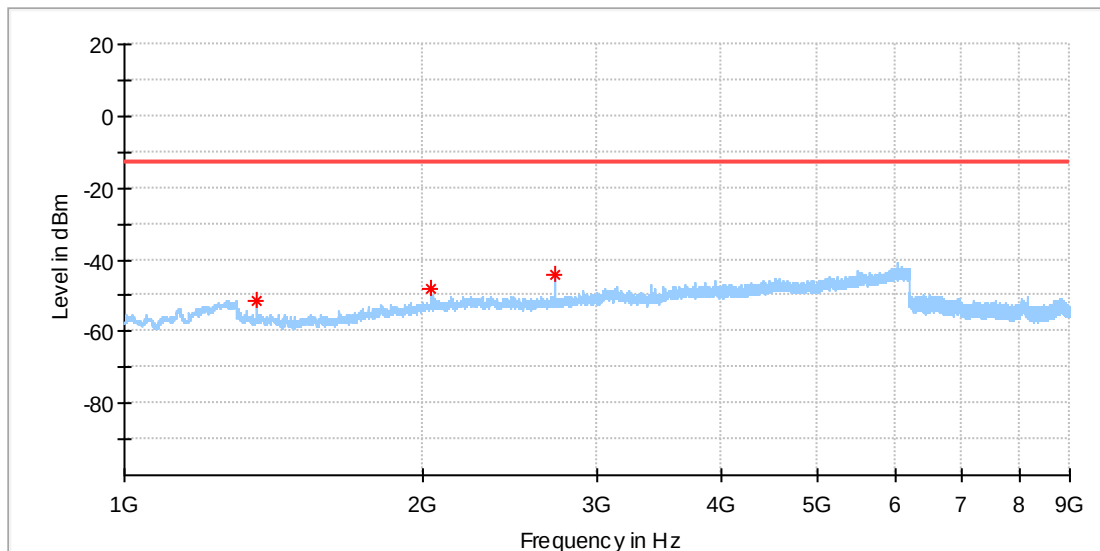


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1989.500000	-45.93	-13.00	32.93	100.0	V	100.0	-89.7

Produkte
ProductsMid Channel
3.75 kHz**EUT Information**

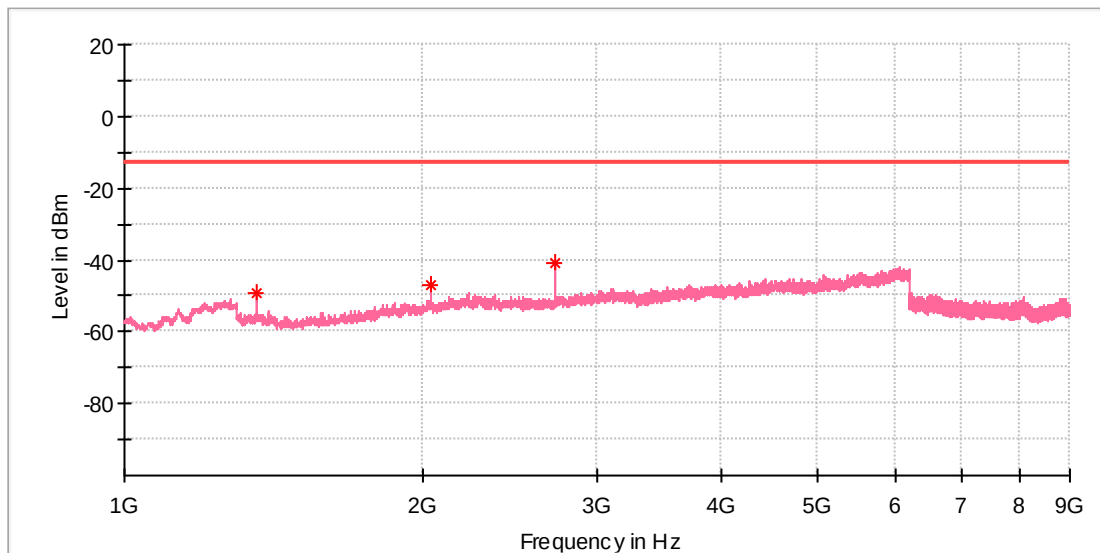
EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

**Critical Freqs**

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1361.000000	-51.65	-13.00	38.65	100.0	H	338.0	-92.4
2041.000000	-47.92	-13.00	34.92	100.0	H	351.0	-88.6
2721.500000	-43.97	-13.00	30.97	100.0	H	40.0	-88.0

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

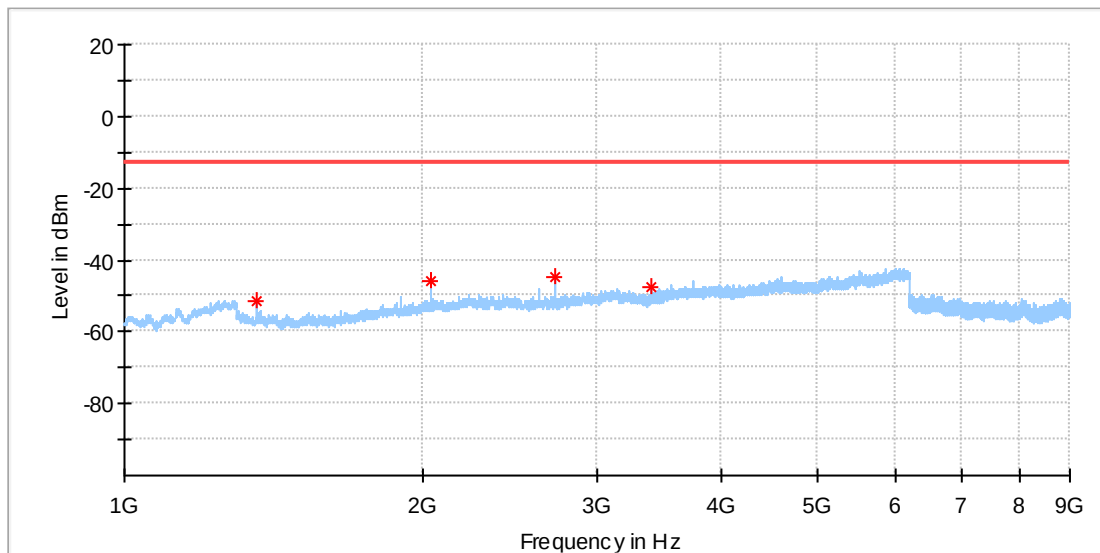


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1360.500000	-49.09	-13.00	36.09	100.0	V	279.0	-92.0
2041.000000	-46.89	-13.00	33.89	100.0	V	307.0	-88.8
2721.500000	-40.95	-13.00	27.95	100.0	V	16.0	-87.9

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

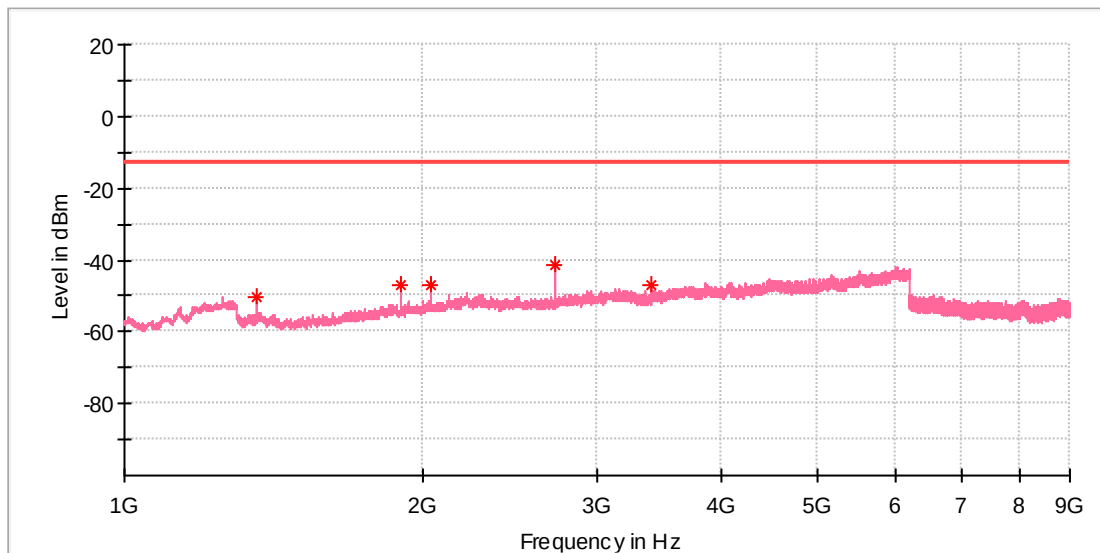


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1361.000000	-51.29	-13.00	38.29	100.0	H	314.0	-92.4
2041.500000	-45.96	-13.00	32.96	100.0	H	342.0	-88.6
2722.000000	-44.86	-13.00	31.86	100.0	H	29.0	-88.0
3403.000000	-47.30	-13.00	34.30	100.0	H	112.0	-87.1

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

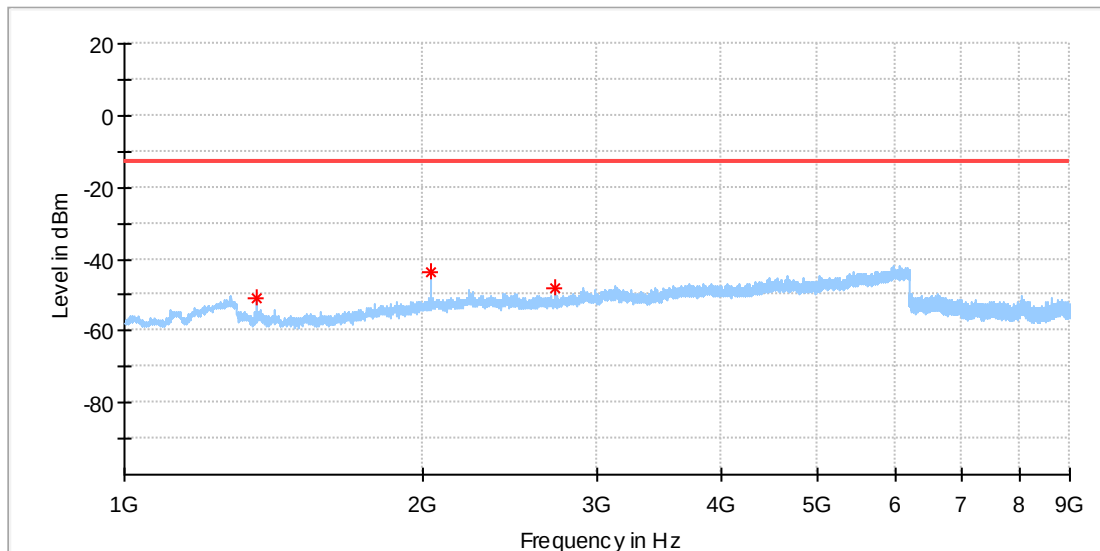
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1361.000000	-50.12	-13.00	37.12	100.0	V	274.0	-92.0
1903.500000	-46.92	-13.00	33.92	100.0	V	302.0	-90.1
2042.000000	-46.87	-13.00	33.87	100.0	V	330.0	-88.8
2722.000000	-41.33	-13.00	28.33	100.0	V	11.0	-87.9
3403.000000	-47.07	-13.00	34.07	100.0	V	267.0	-87.0

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

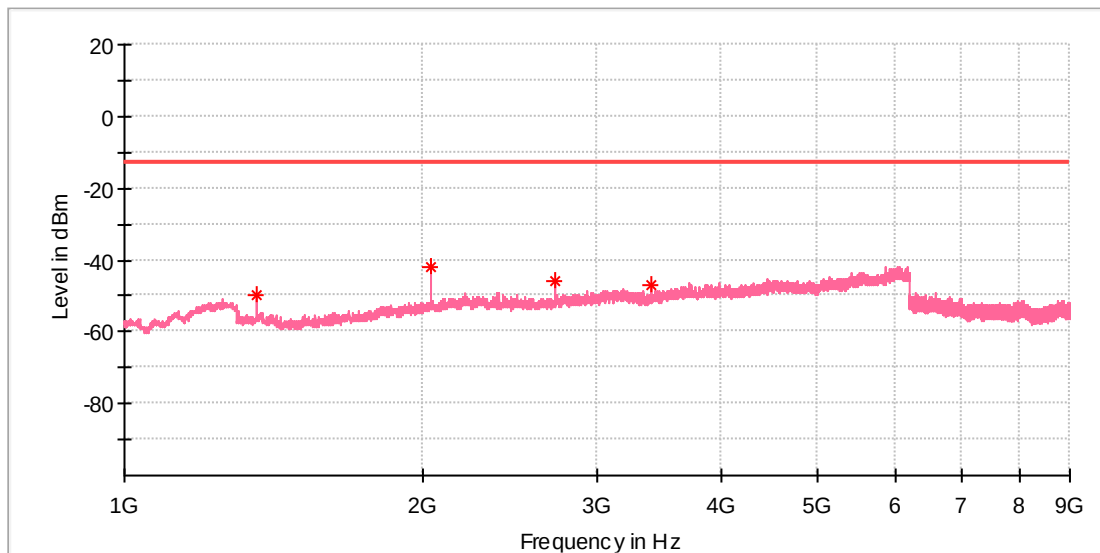


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1360.500000	-51.04	-13.00	38.04	100.0	H	259.0	-92.4
2041.000000	-43.70	-13.00	30.70	100.0	H	113.0	-88.6
2721.500000	-48.24	-13.00	35.24	100.0	H	287.0	-88.0

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

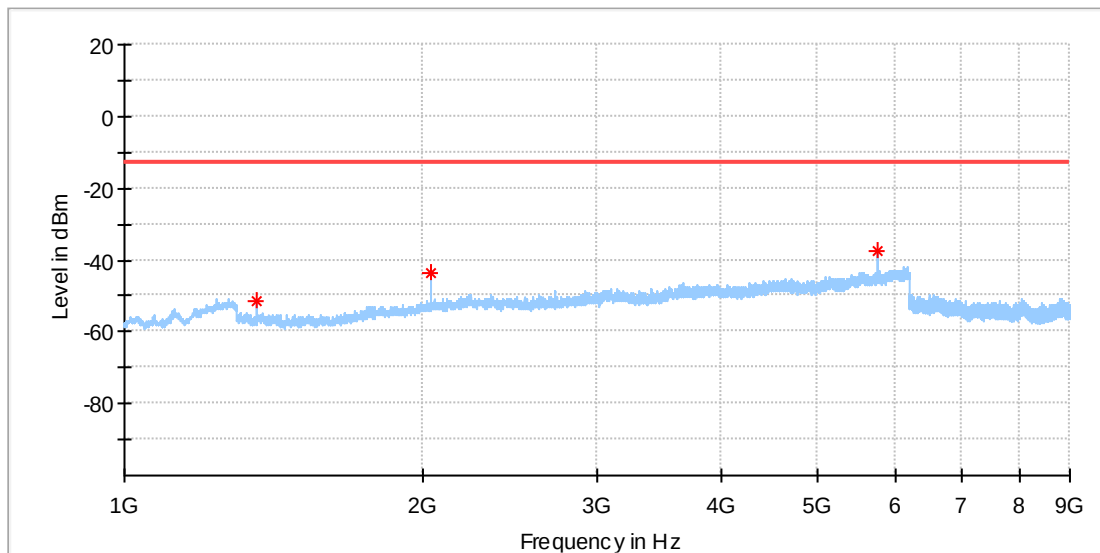


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1360.500000	-49.58	-13.00	36.58	100.0	V	191.0	-92.0
2041.000000	-41.75	-13.00	28.75	100.0	V	150.0	-88.8
2721.500000	-45.86	-13.00	32.86	100.0	V	239.0	-87.9
3402.000000	-46.99	-13.00	33.99	100.0	V	350.0	-87.1

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

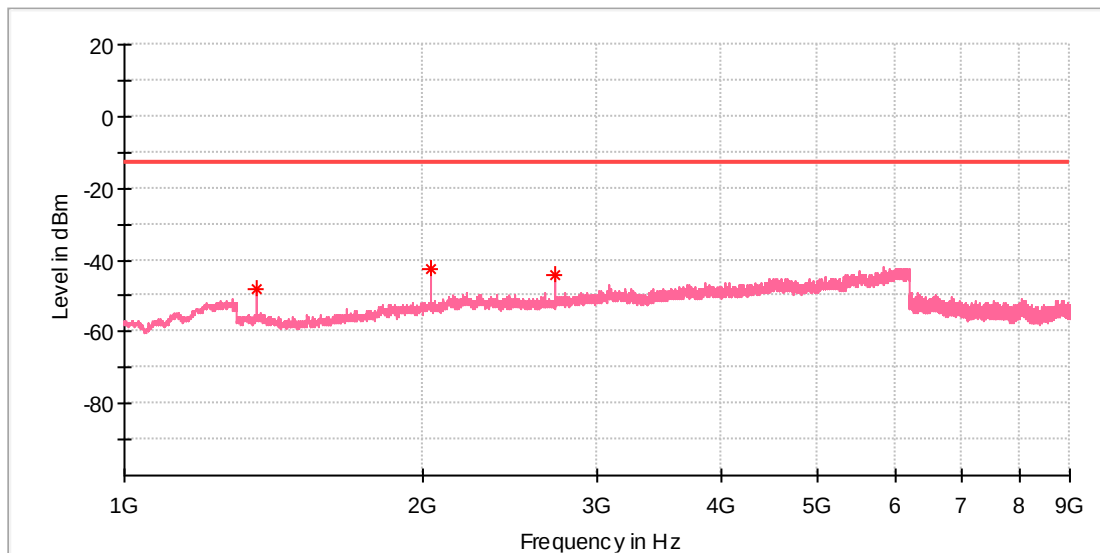


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1361.500000	-51.44	-13.00	38.44	100.0	H	149.0	-92.4
2041.500000	-43.54	-13.00	30.54	100.0	H	330.0	-88.6
5765.500000	-37.50	-13.00	24.50	100.0	H	31.0	-81.7

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

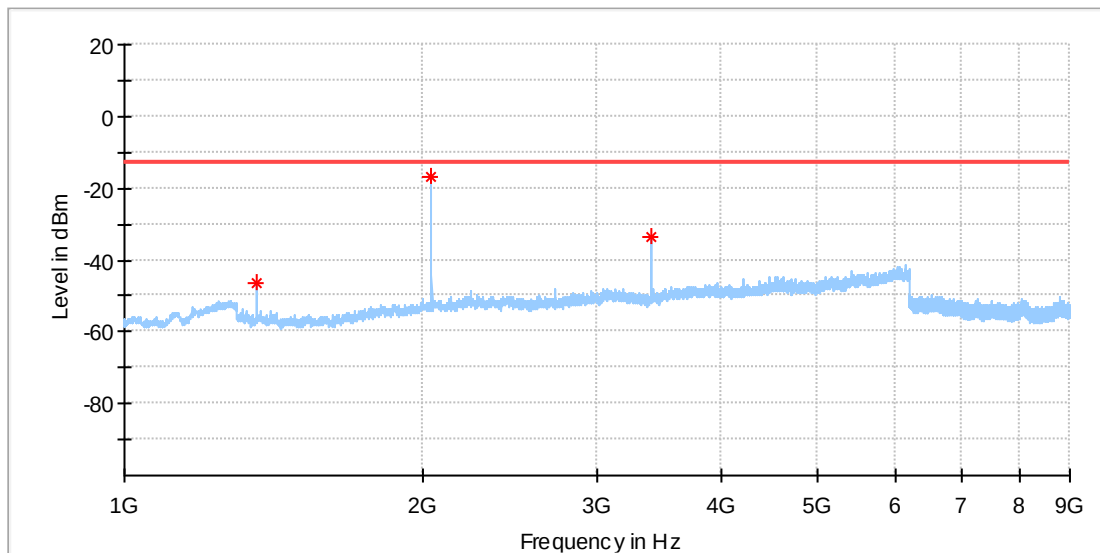


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1360.500000	-48.10	-13.00	35.10	100.0	V	302.0	-92.0
2041.500000	-42.54	-13.00	29.54	100.0	V	135.0	-88.8
2722.000000	-44.13	-13.00	31.13	100.0	V	239.0	-87.9

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

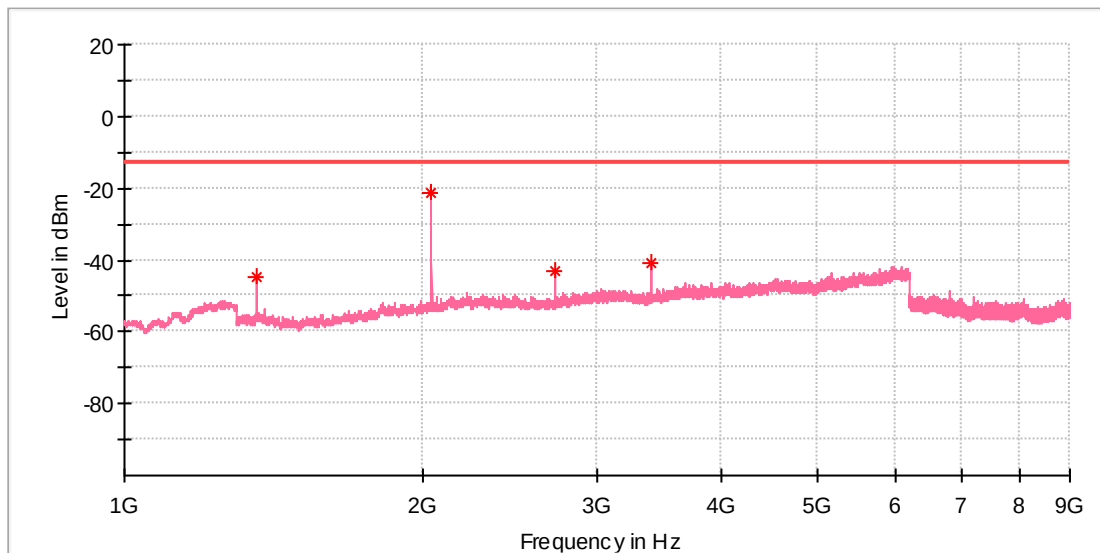


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1360.500000	-46.52	-13.00	33.52	100.0	H	178.0	-92.4
2041.500000	-16.88	-13.00	3.88	100.0	H	122.0	-88.6
3403.000000	-33.78	-13.00	20.78	100.0	H	108.0	-87.1

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

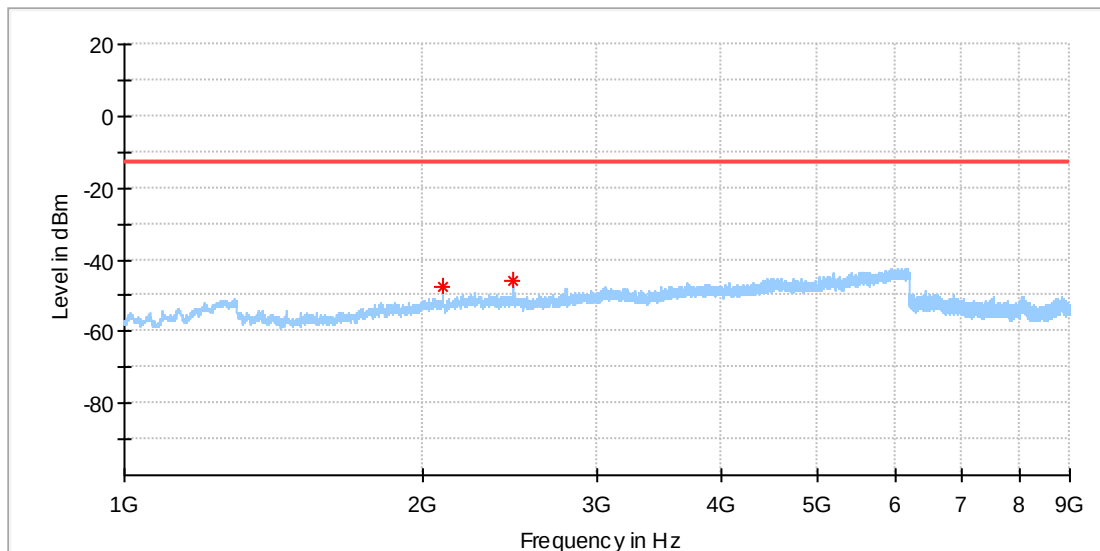


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1360.500000	-44.96	-13.00	31.96	100.0	V	355.0	-92.0
2041.500000	-21.32	-13.00	8.32	100.0	V	121.0	-88.8
2722.000000	-43.16	-13.00	30.16	100.0	V	316.0	-87.9
3403.000000	-41.11	-13.00	28.11	100.0	V	355.0	-87.0

Produkte
ProductsHigh Channel
3.75 kHz**EUT Information**

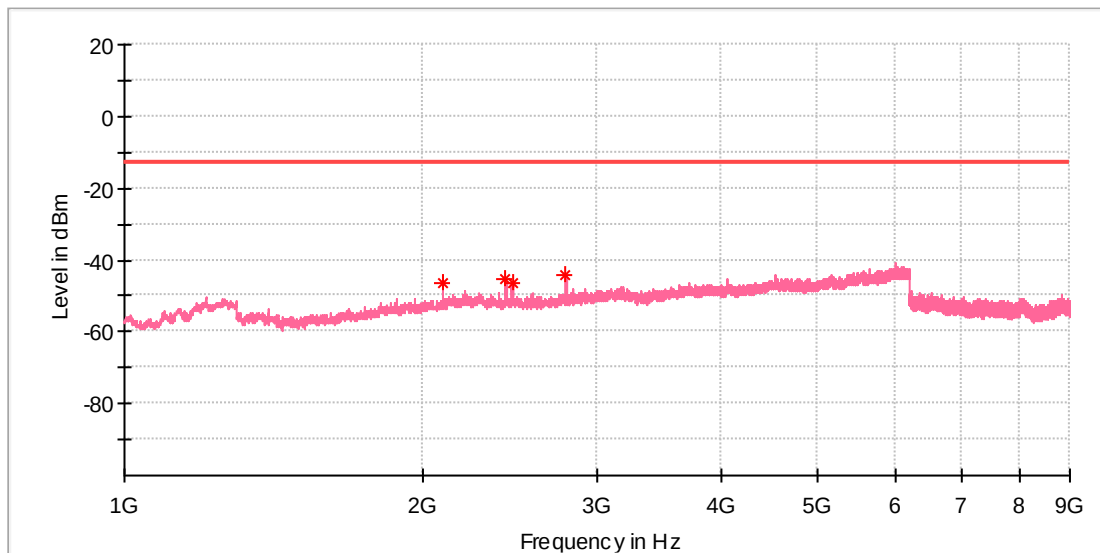
EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

**Critical Freqs**

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2093.000000	-47.78	-13.00	34.78	100.0	H	47.0	-88.7
2465.000000	-46.09	-13.00	33.09	100.0	H	81.0	-87.9

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

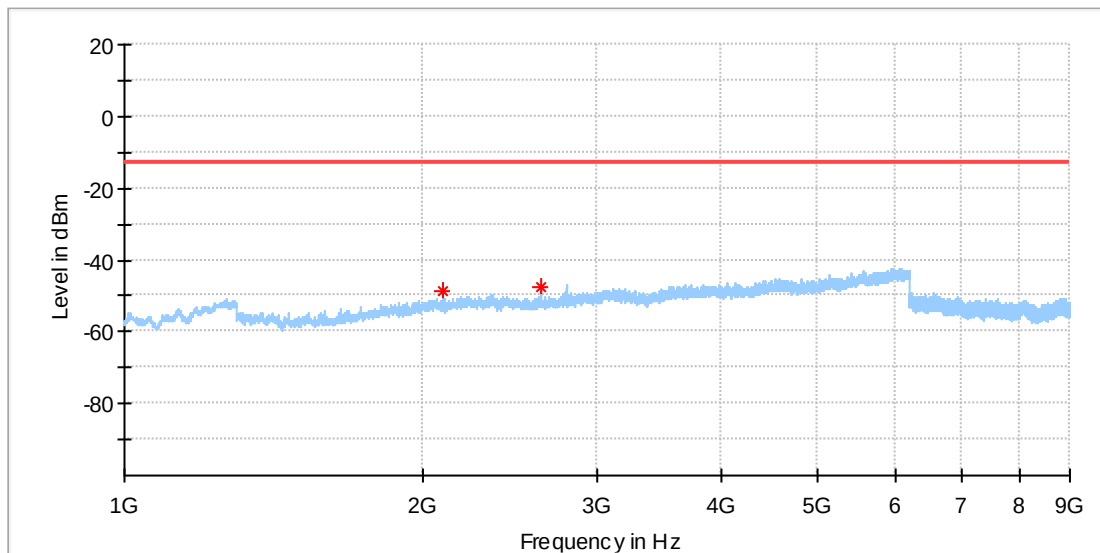


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2093.500000	-46.64	-13.00	33.64	100.0	V	293.0	-88.7
2427.000000	-45.43	-13.00	32.43	100.0	V	142.0	-87.9
2465.000000	-46.52	-13.00	33.52	100.0	V	148.0	-88.1
2791.000000	-44.42	-13.00	31.42	100.0	V	341.0	-87.3

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 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

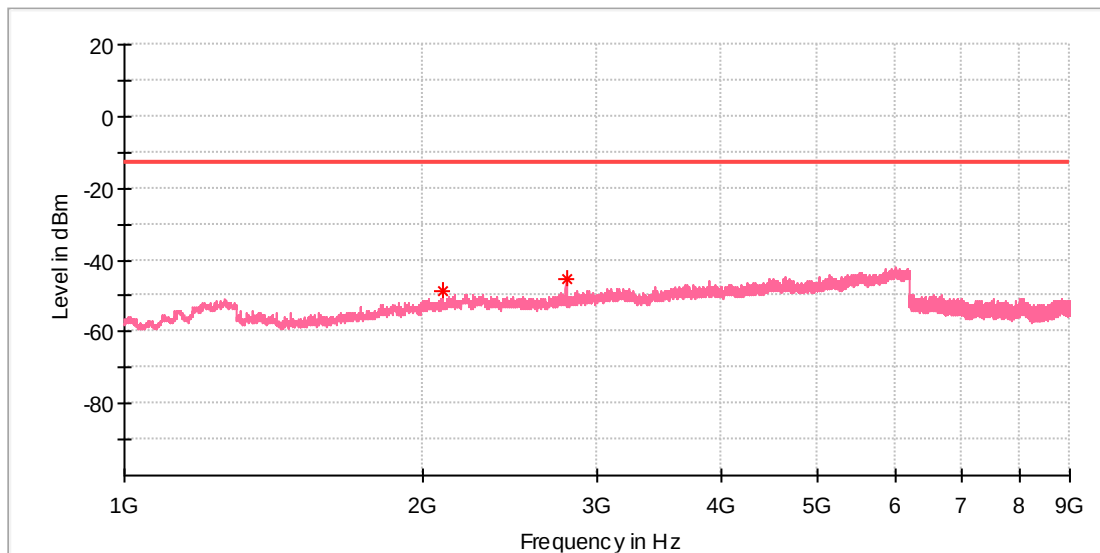


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2094.000000	-48.43	-13.00	35.43	100.0	H	338.0	-88.7
2632.500000	-47.56	-13.00	34.56	100.0	H	297.0	-88.1

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

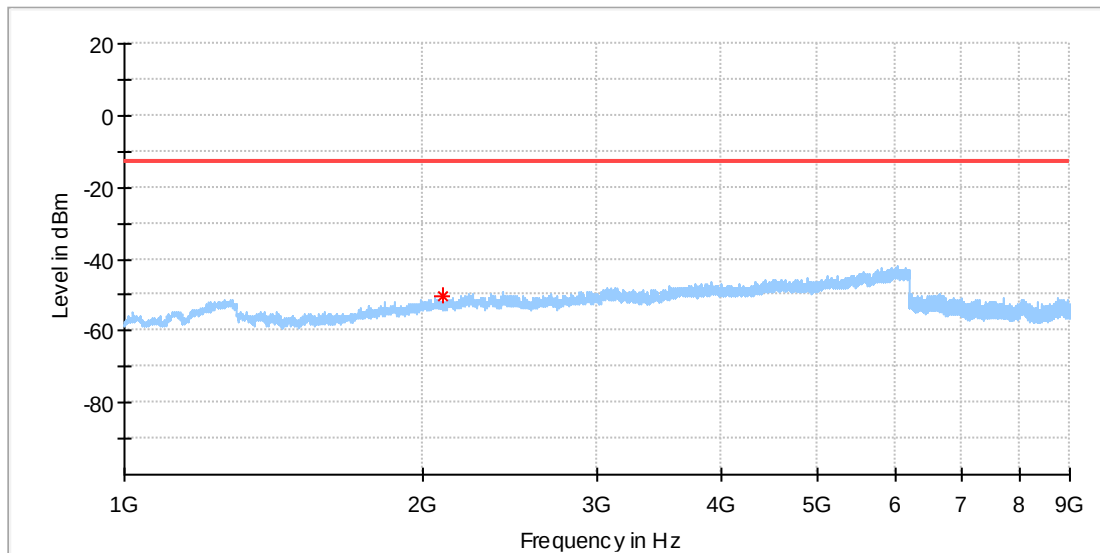
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2094.000000	-48.47	-13.00	35.47	100.0	V	50.0	-88.6
2791.500000	-45.22	-13.00	32.22	100.0	V	22.0	-87.3

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

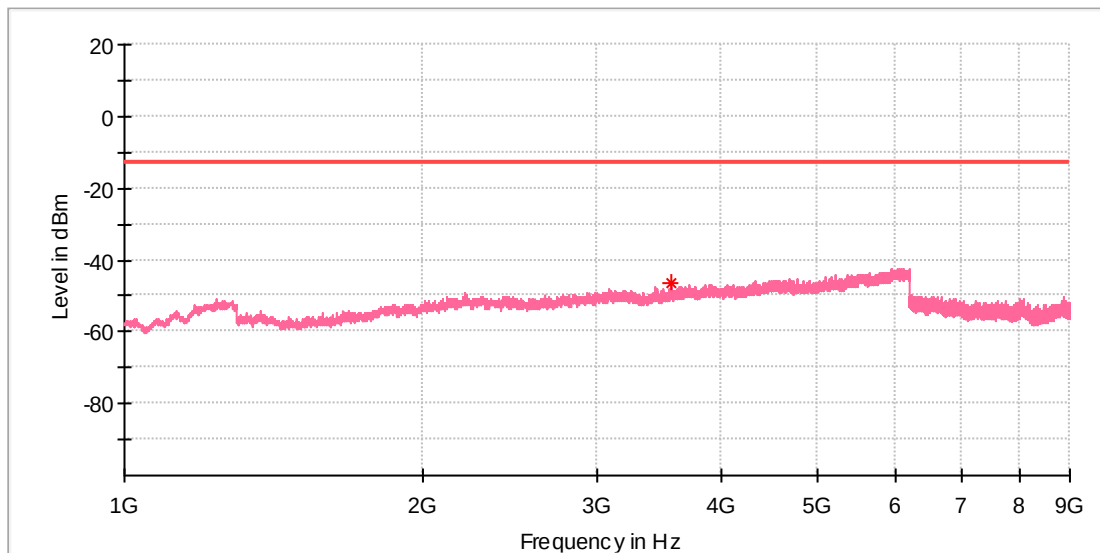


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2093.500000	-50.31	-13.00	37.31	100.0	H	0.0	-88.7

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

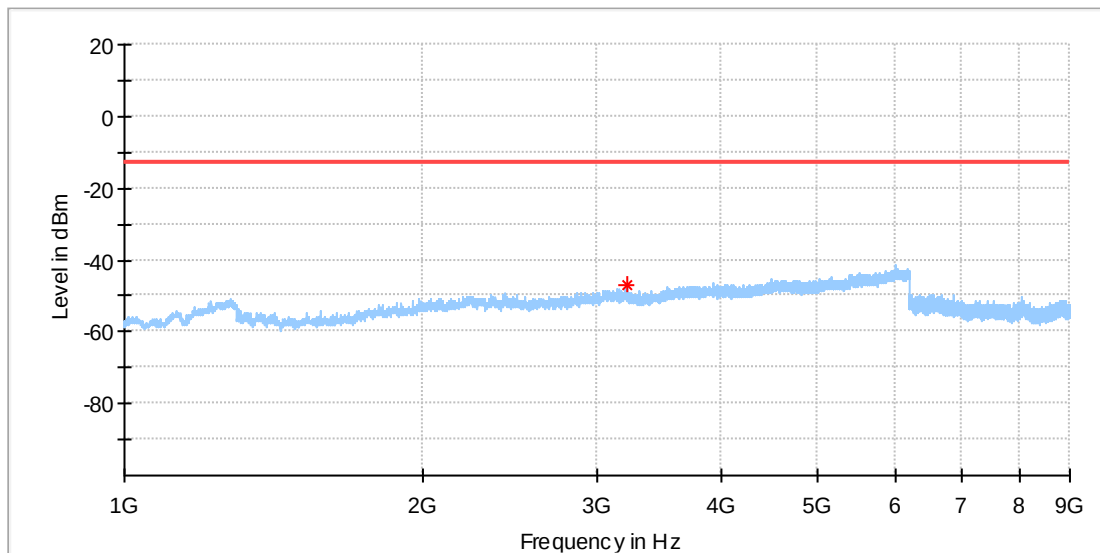


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3567.500000	-46.57	-13.00	33.57	100.0	V	44.0	-85.9

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

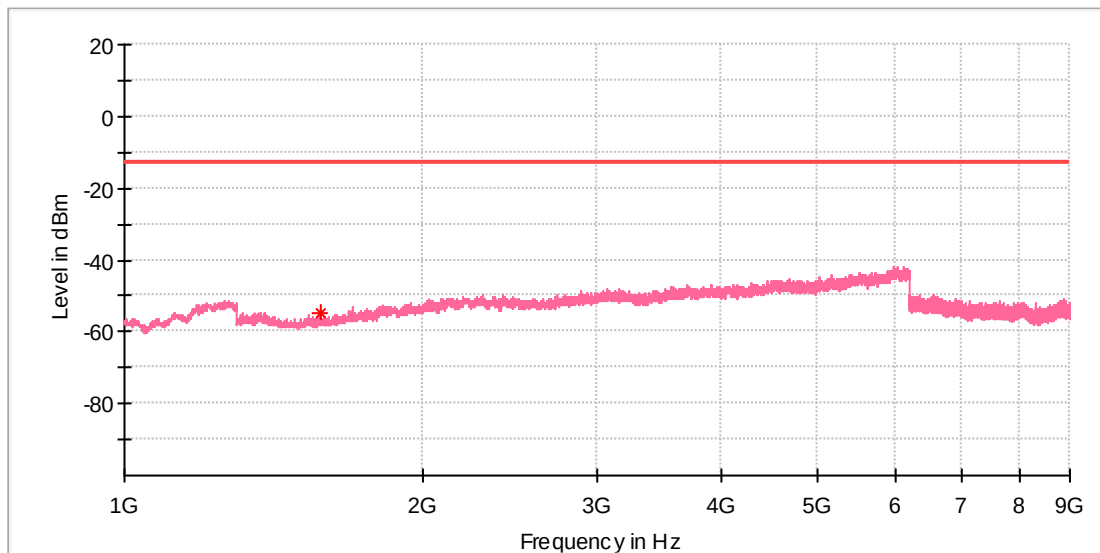


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3219.000000	-46.82	-13.00	33.82	100.0	H	265.0	-86.6

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

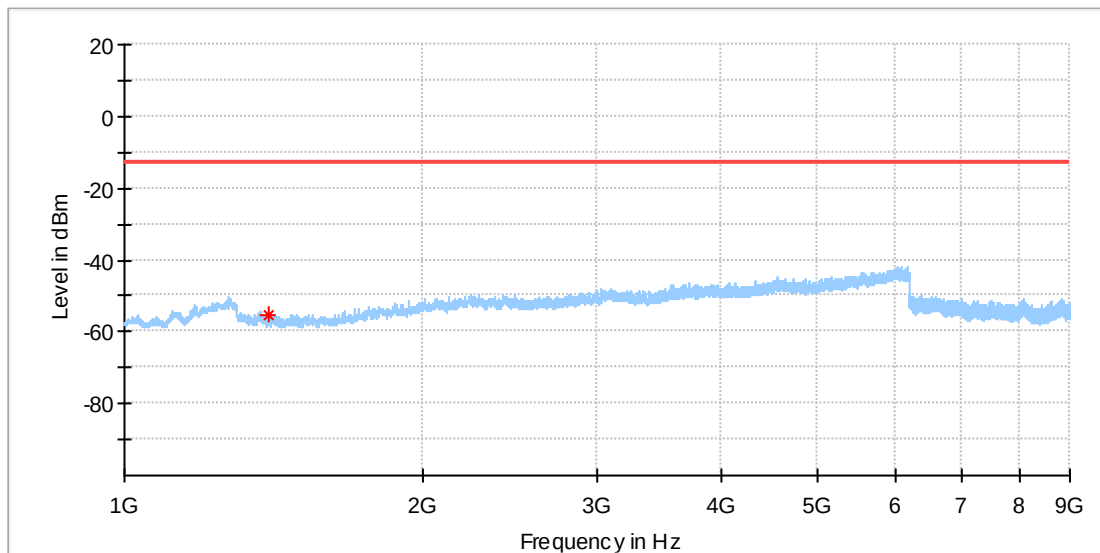


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1579.500000	-54.65	-13.00	41.65	100.0	V	19.0	-93.1

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 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

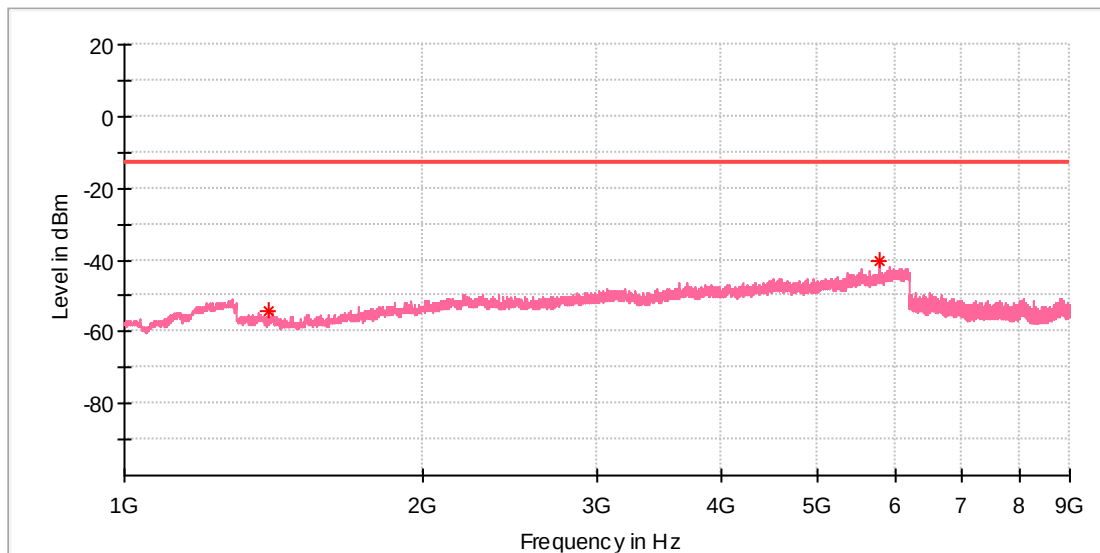


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1399.500000	-55.34	-13.00	42.34	100.0	H	344.0	-93.0

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

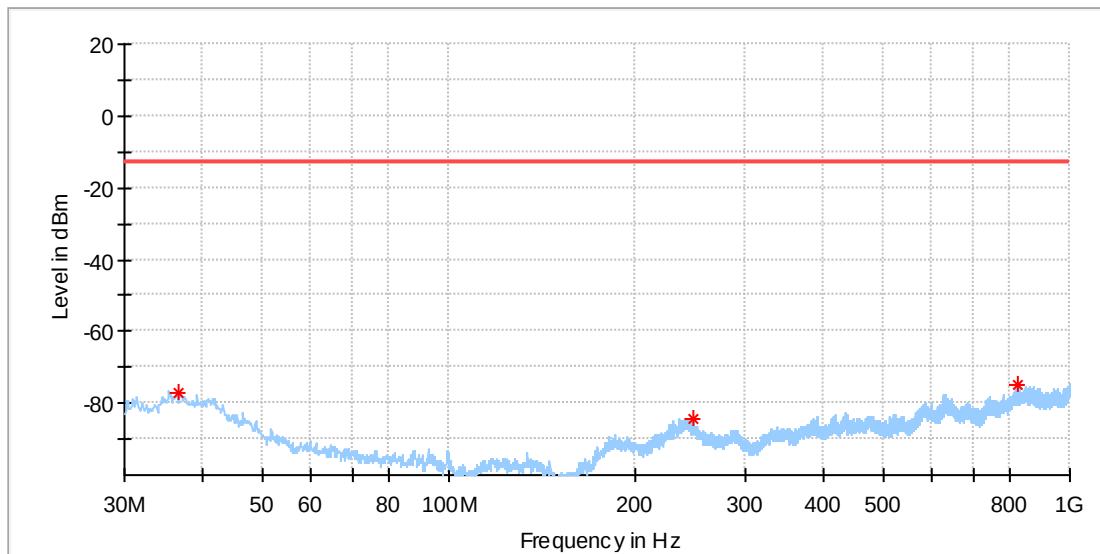
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1400.500000	-54.40	-13.00	41.40	100.0	V	323.0	-92.8
5784.500000	-40.11	-13.00	27.11	100.0	V	323.0	-81.7

Appendix L.11: Field Strength of Spurious Radiation for Band 85

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

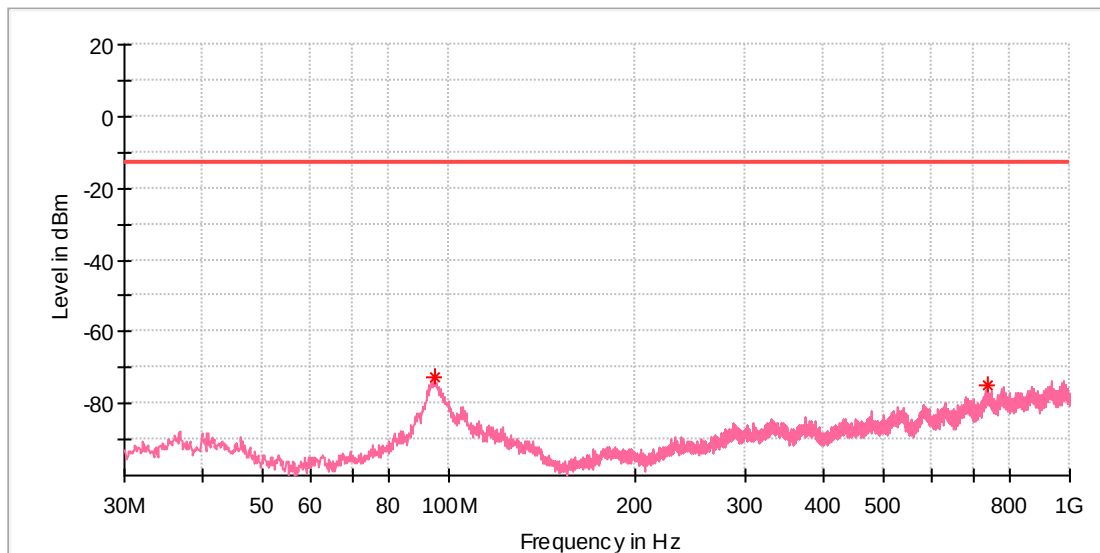


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.547500	-76.91	-13.00	63.91	100.0	H	132.0	-113.2
246.552500	-84.22	-13.00	71.22	100.0	H	318.0	-110.0
822.126250	-74.82	-13.00	61.82	100.0	H	60.0	-101.3

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

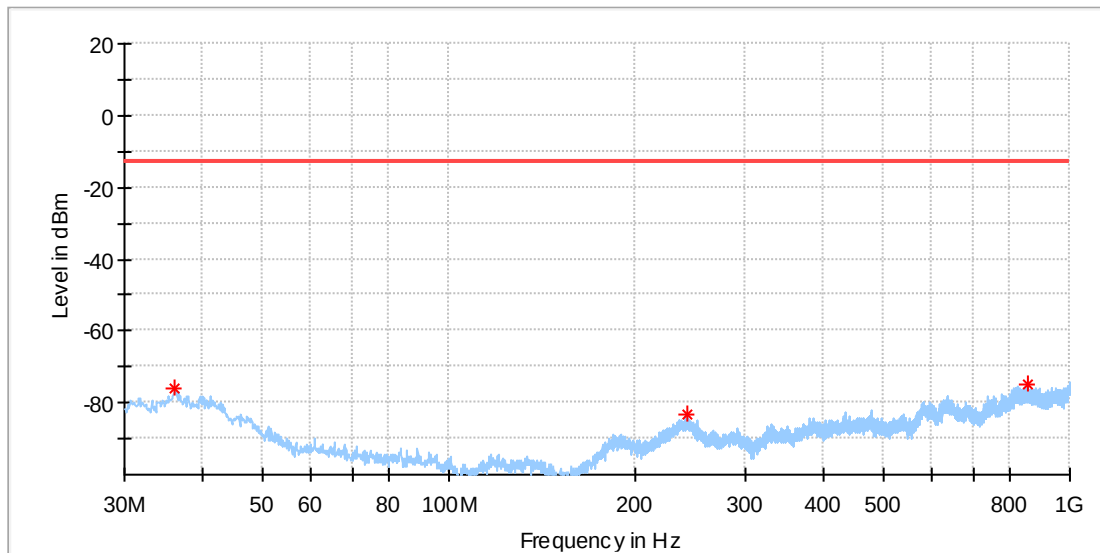
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.626250	-72.58	-13.00	59.58	100.0	V	345.0	-99.6
738.221250	-75.13	-13.00	62.13	100.0	V	222.0	-102.1

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

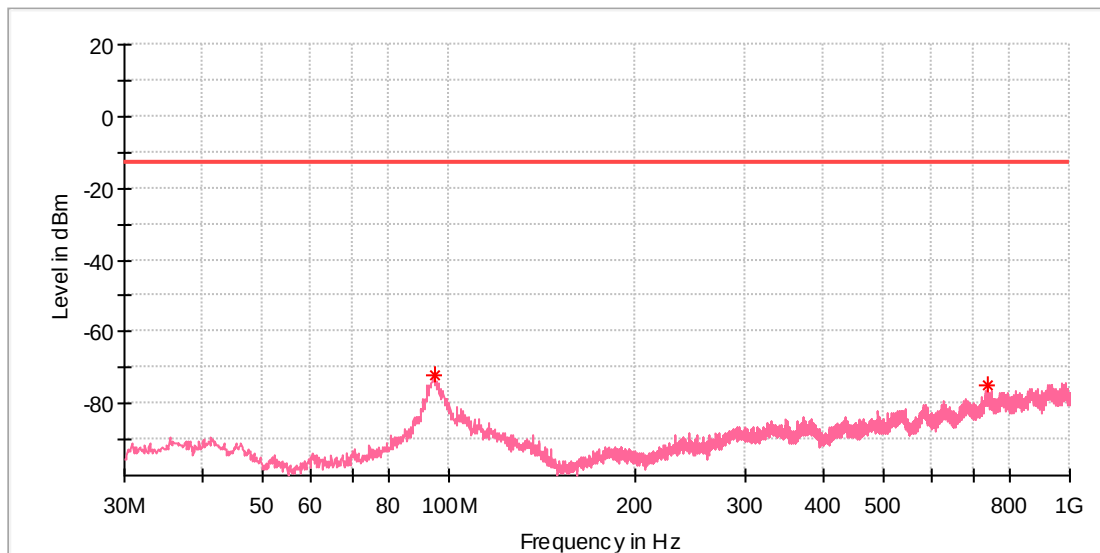


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.183750	-75.80	-13.00	62.80	100.0	H	0.0	-113.3
241.338750	-83.30	-13.00	70.30	100.0	H	314.0	-110.2
855.591250	-74.65	-13.00	61.65	100.0	H	106.0	-100.3

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

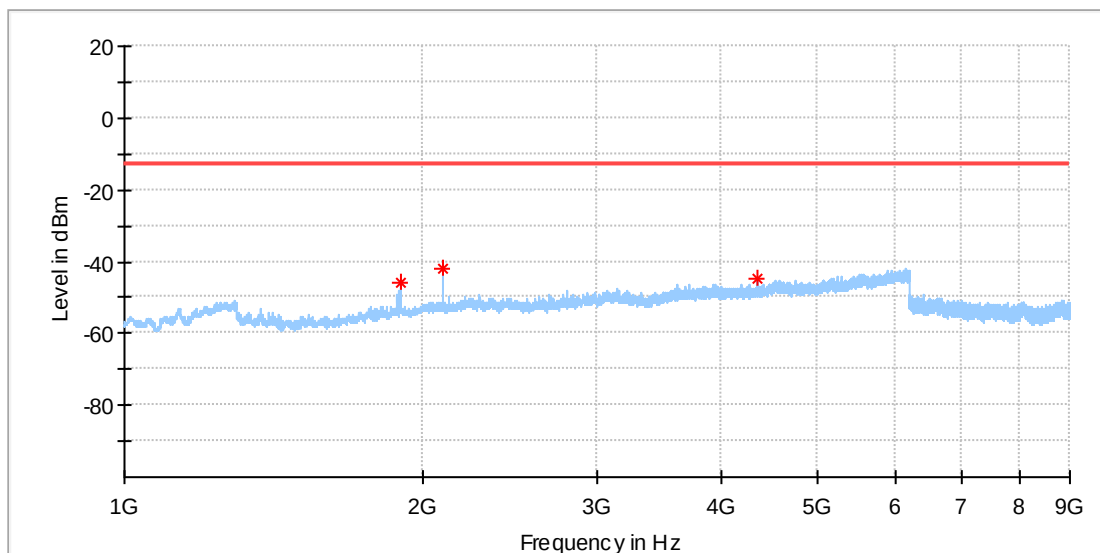
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.626250	-72.00	-13.00	59.00	100.0	V	192.0	-99.6
739.191250	-75.05	-13.00	62.05	100.0	V	223.0	-102.0

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

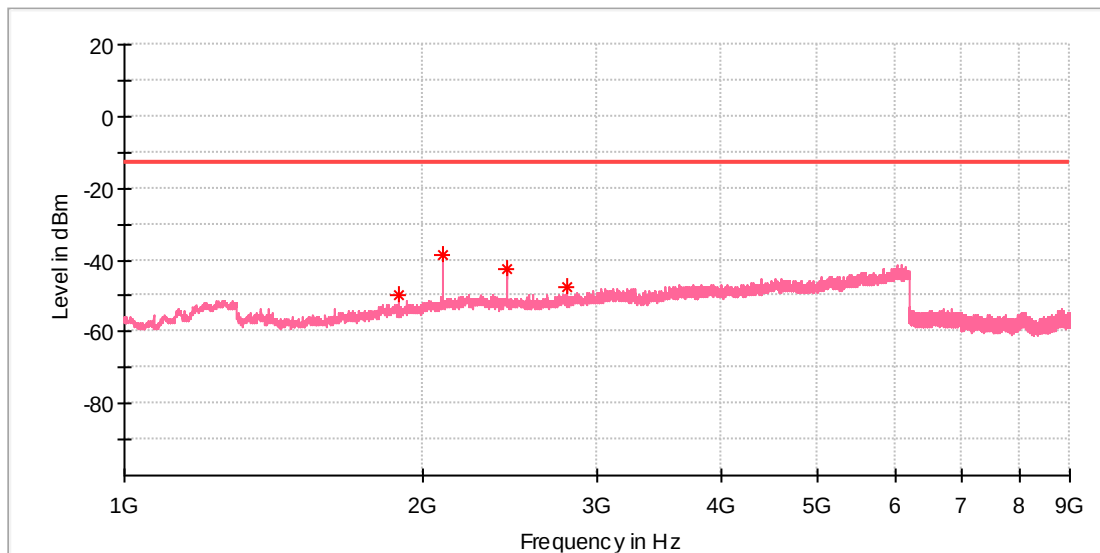


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1898.500000	-45.66	-13.00	32.66	100.0	H	203.0	-90.2
2094.000000	-41.80	-13.00	28.80	100.0	H	105.0	-88.7
4361.000000	-44.72	-13.00	31.72	100.0	H	168.0	-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:47%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin



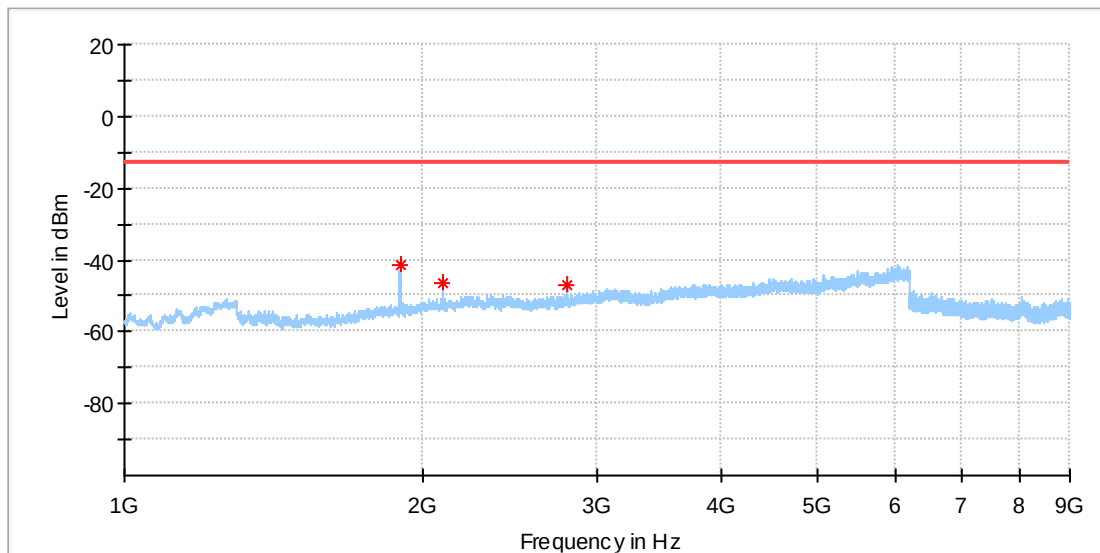
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1890.500000	-49.60	-13.00	36.60	100.0	V	303.0	-90.5
2094.000000	-38.81	-13.00	25.81	100.0	V	255.0	-88.6
2431.000000	-42.48	-13.00	29.48	100.0	V	241.0	-88.0
2792.000000	-47.69	-13.00	34.69	100.0	V	74.0	-87.3

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:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

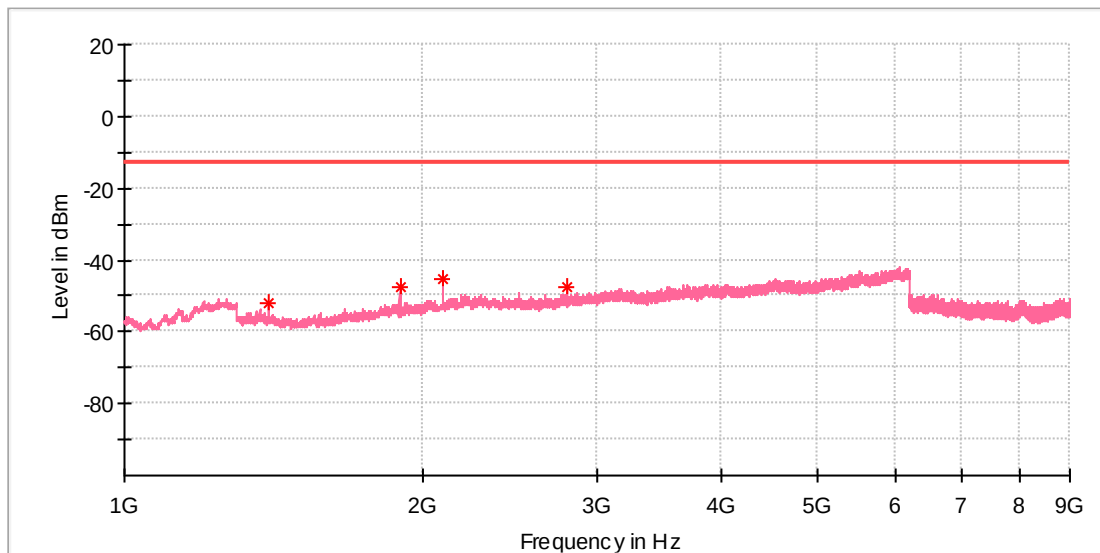


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1899.500000	-41.66	-13.00	28.66	100.0	H	288.0	-90.2
2094.500000	-46.24	-13.00	33.24	100.0	H	107.0	-88.7
2792.500000	-47.10	-13.00	34.10	100.0	H	0.0	-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

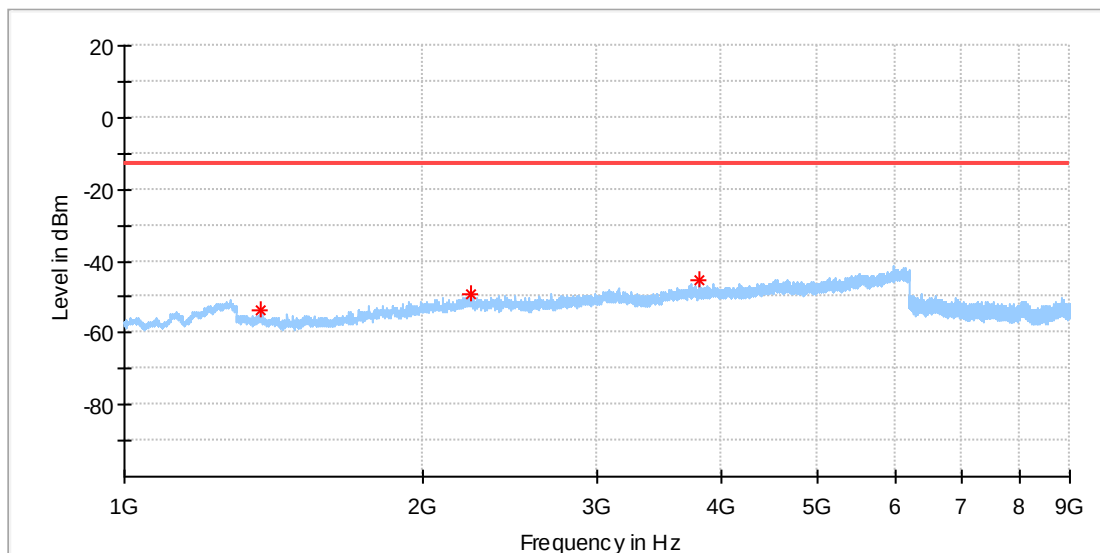
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.500000	-52.02	-13.00	39.02	100.0	V	308.0	-92.9
1897.000000	-47.77	-13.00	34.77	100.0	V	51.0	-90.3
2094.000000	-45.25	-13.00	32.25	100.0	V	176.0	-88.6
2792.500000	-47.38	-13.00	34.38	100.0	V	211.0	-87.3

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

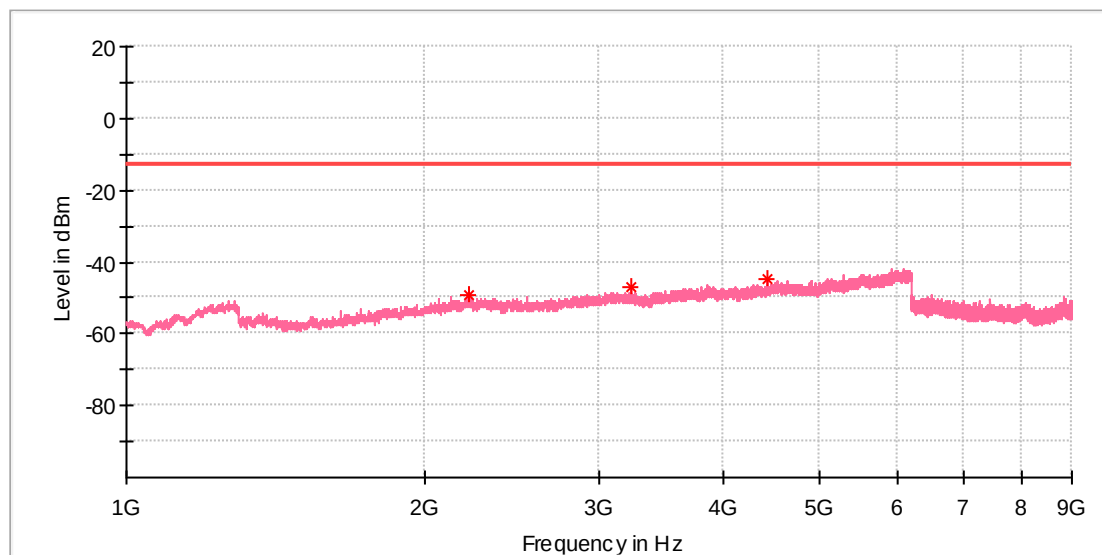


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1373.500000	-53.67	-13.00	40.67	100.0	H	281.0	-92.2
2232.500000	-49.02	-13.00	36.02	100.0	H	107.0	-87.1
3811.500000	-45.46	-13.00	32.46	100.0	H	44.0	-85.4

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

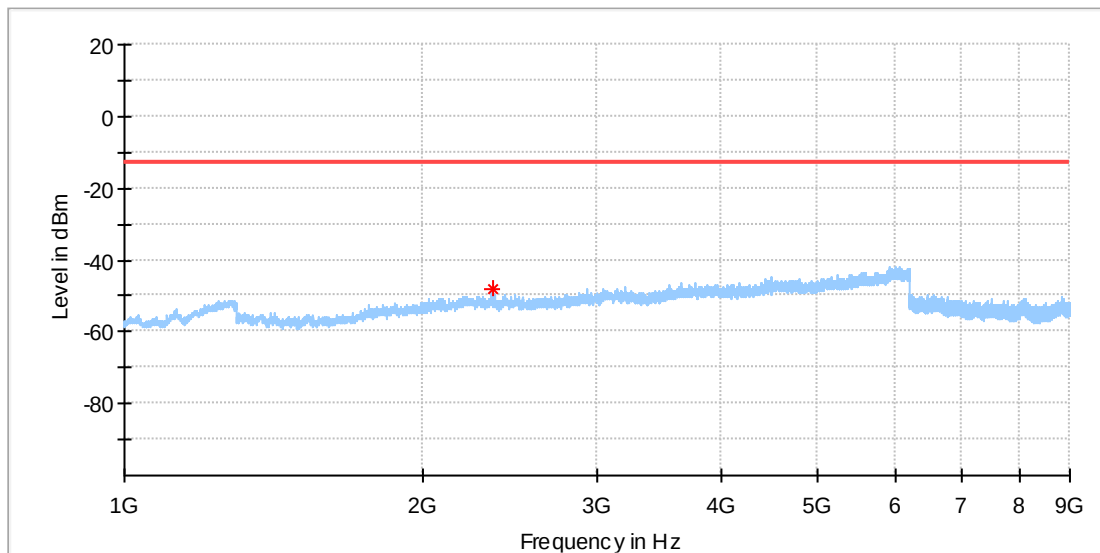


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2215.000000	-48.98	-13.00	35.98	100.0	V	210.0	-87.0
3227.500000	-47.22	-13.00	34.22	100.0	V	30.0	-86.6
4429.000000	-45.02	-13.00	32.02	100.0	V	16.0	-84.4

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



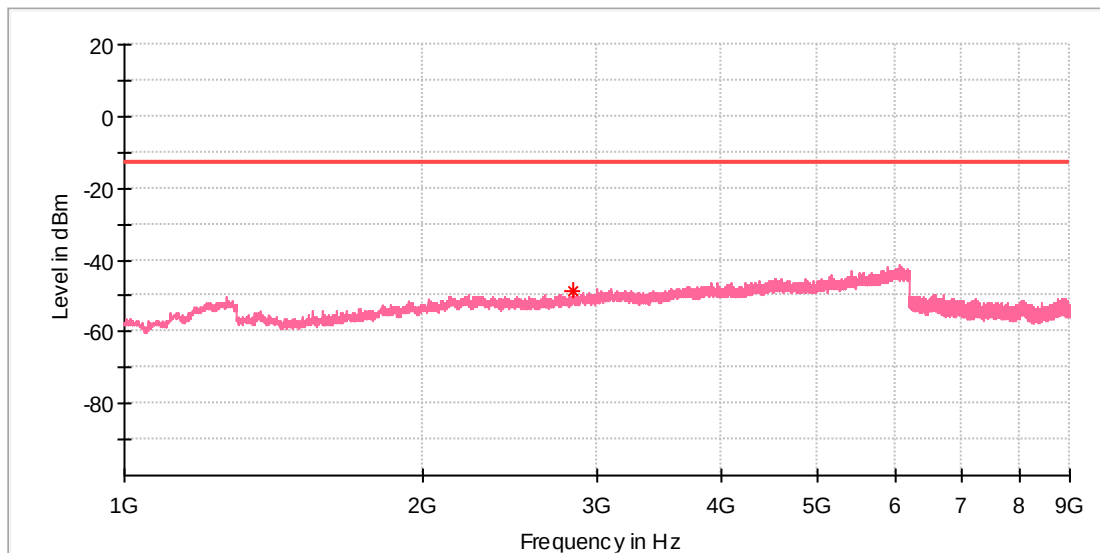
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2353.000000	-48.29	-13.00	35.29	100.0	H	86.0	-87.4

Produkte
Products

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

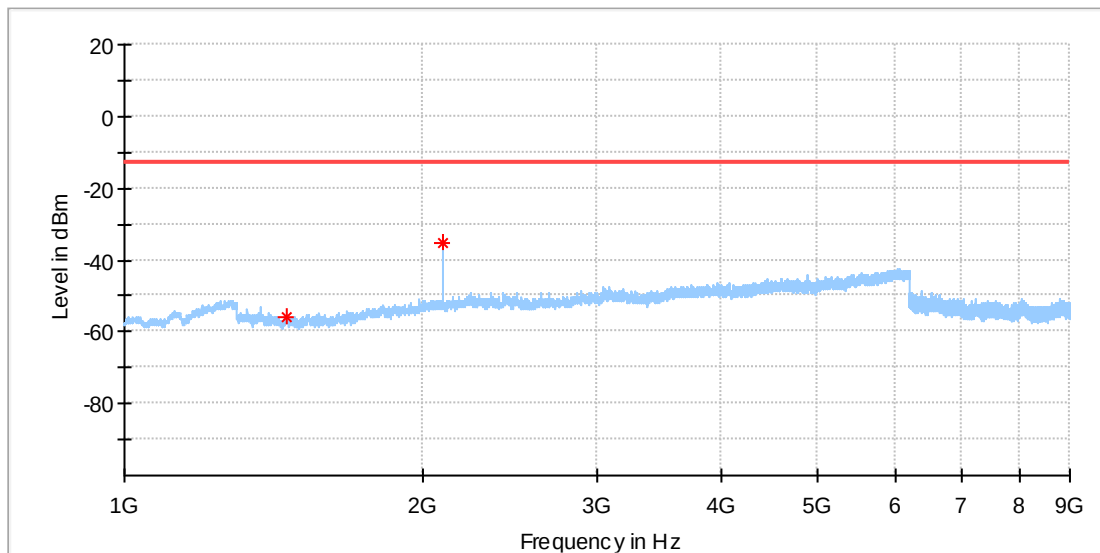


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2843.500000	-48.73	-13.00	35.73	100.0	V	115.0	-87.4

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

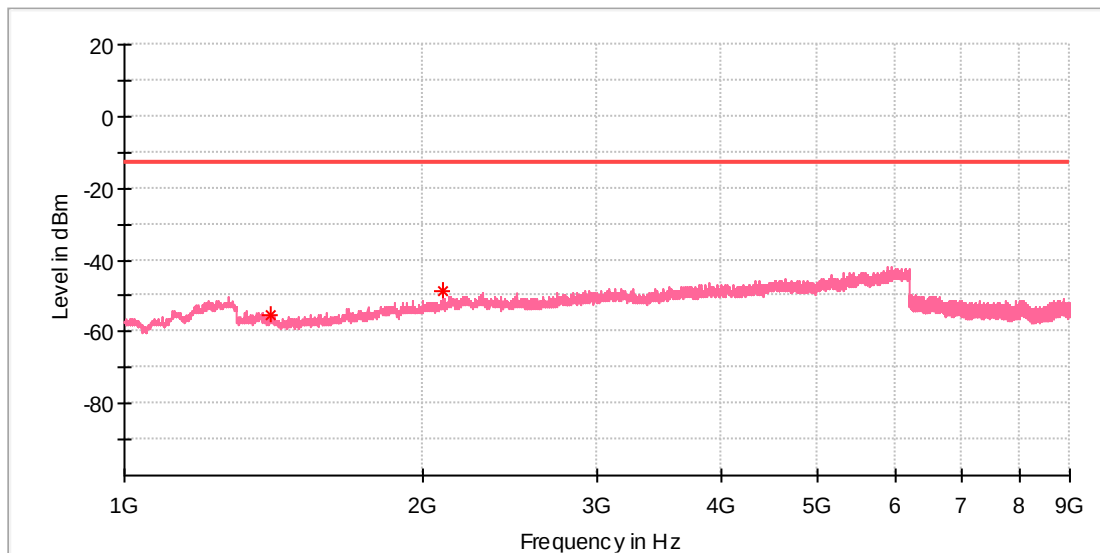


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1461.000000	-55.98	-13.00	42.98	100.0	H	191.0	-93.2
2094.500000	-35.11	-13.00	22.11	100.0	H	94.0	-88.7

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

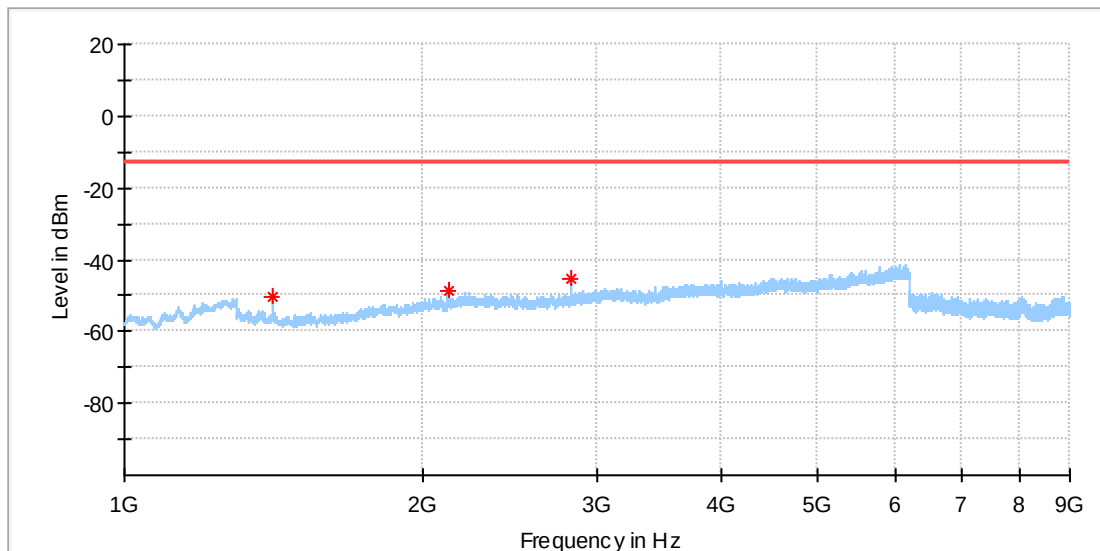


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1405.000000	-55.20	-13.00	42.20	100.0	V	30.0	-92.7
2094.000000	-48.65	-13.00	35.65	100.0	V	100.0	-88.6

Produkte
ProductsMid Channel
3.75 kHz**EUT Information**

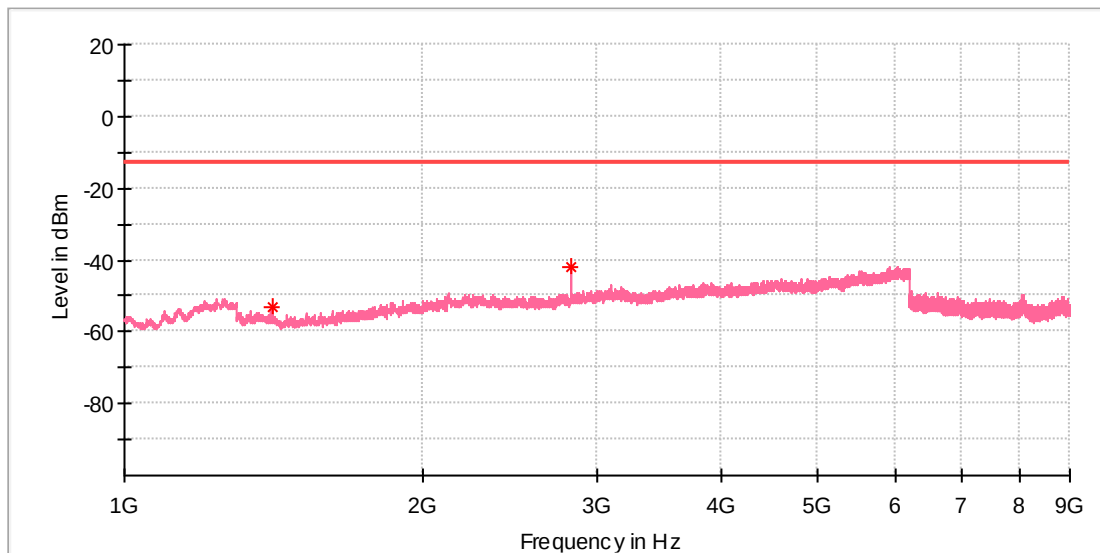
EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

**Critical Freqs**

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-50.58	-13.00	37.58	100.0	H	30.0	-92.5
2121.000000	-48.67	-13.00	35.67	100.0	H	51.0	-88.6
2827.500000	-45.48	-13.00	32.48	100.0	H	23.0	-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:48%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

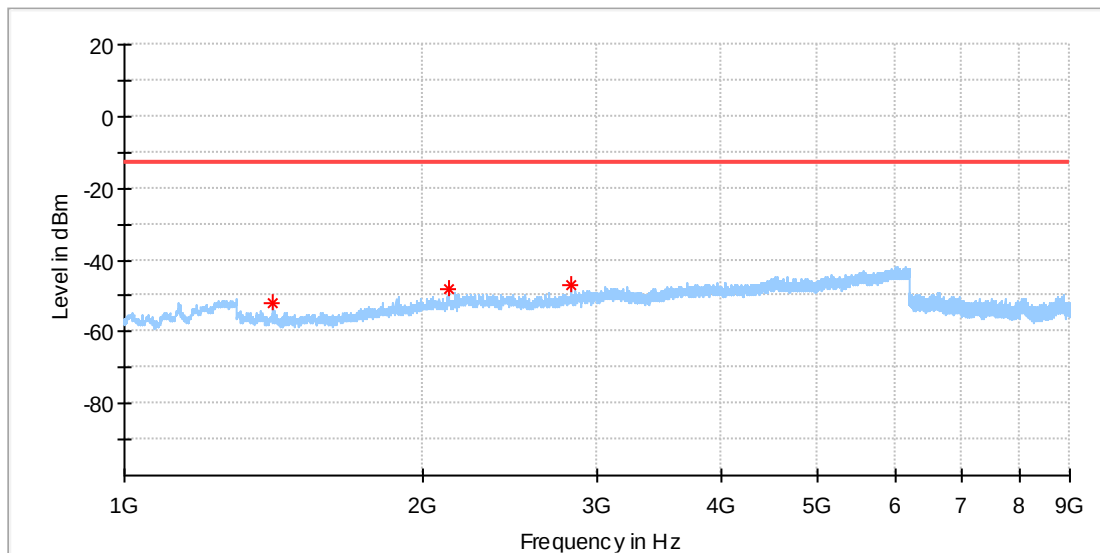


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-53.21	-13.00	40.21	100.0	V	337.0	-92.9
2827.500000	-42.14	-13.00	29.14	100.0	V	17.0	-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:48%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

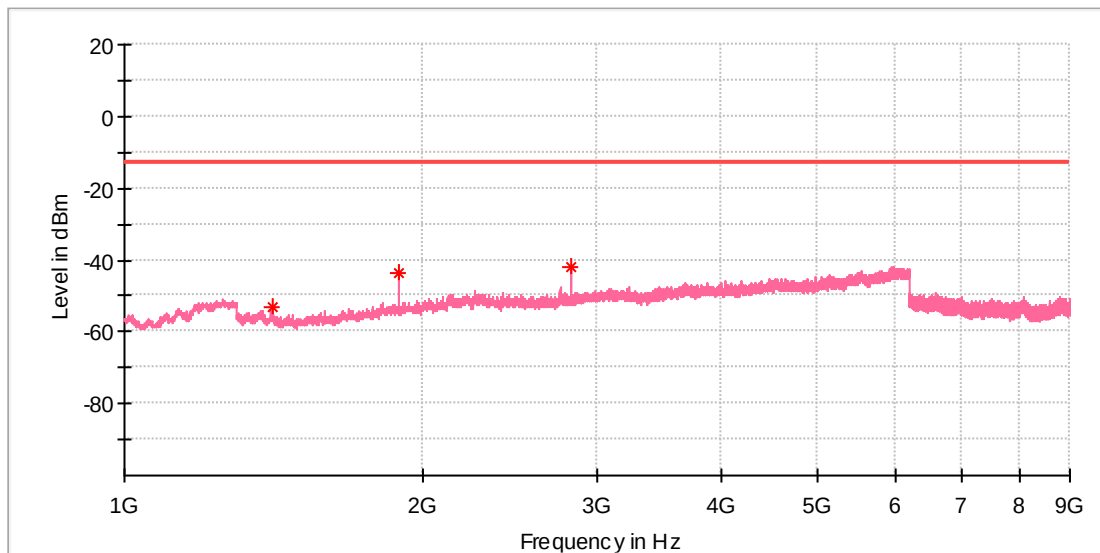


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-51.77	-13.00	38.77	100.0	H	0.0	-92.5
2121.500000	-48.30	-13.00	35.30	100.0	H	337.0	-88.5
2828.500000	-46.93	-13.00	33.93	100.0	H	142.0	-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: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

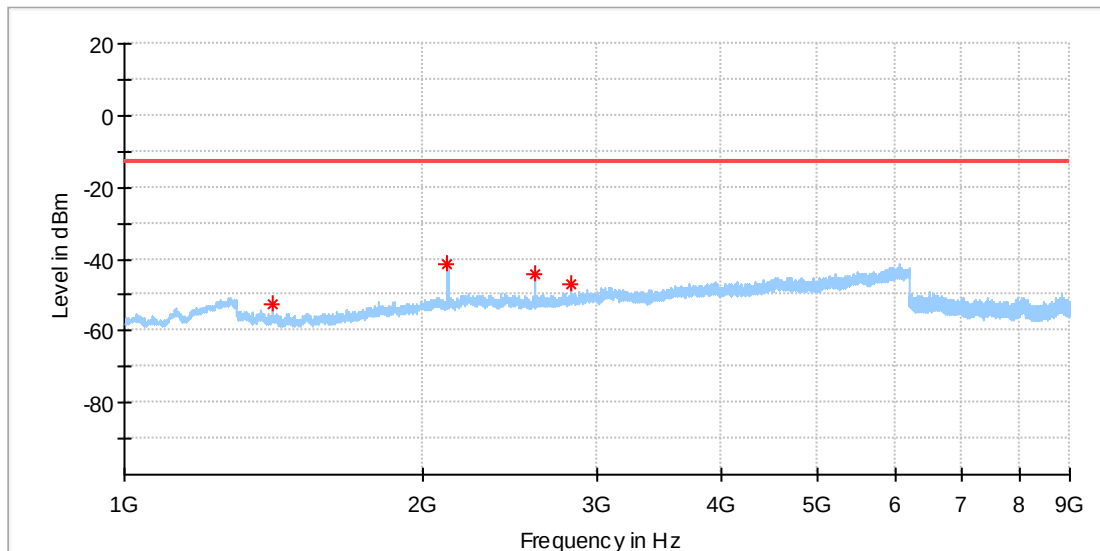
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-53.07	-13.00	40.07	100.0	V	92.0	-92.9
1892.500000	-43.52	-13.00	30.52	100.0	V	326.0	-90.4
2828.000000	-42.00	-13.00	29.00	100.0	V	15.0	-87.4

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

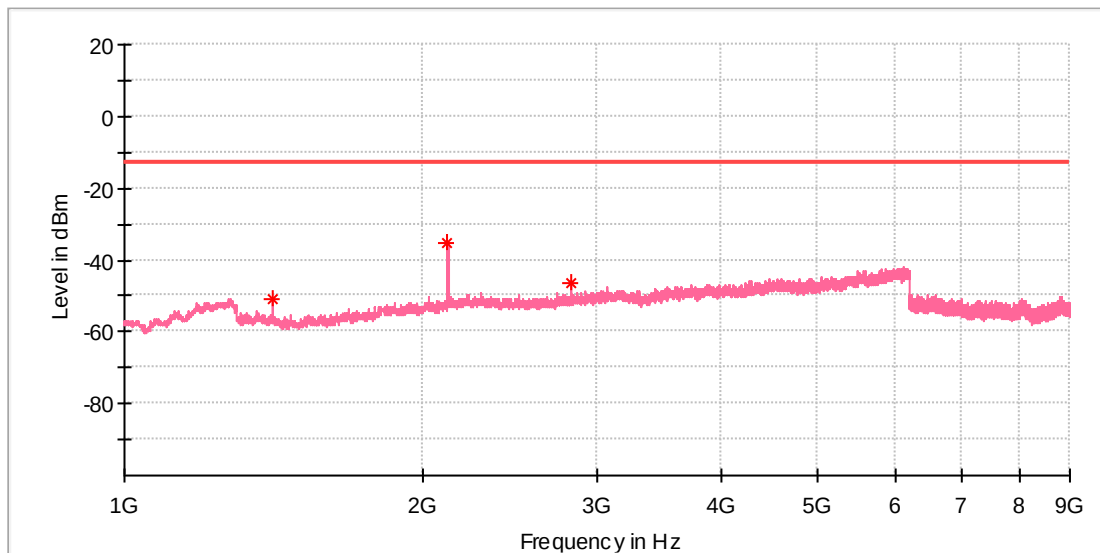


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-52.64	-13.00	39.64	100.0	H	281.0	-92.5
2120.500000	-41.34	-13.00	28.34	100.0	H	135.0	-88.6
2593.500000	-44.33	-13.00	31.33	100.0	H	295.0	-88.3
2827.500000	-47.09	-13.00	34.09	100.0	H	107.0	-87.5

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

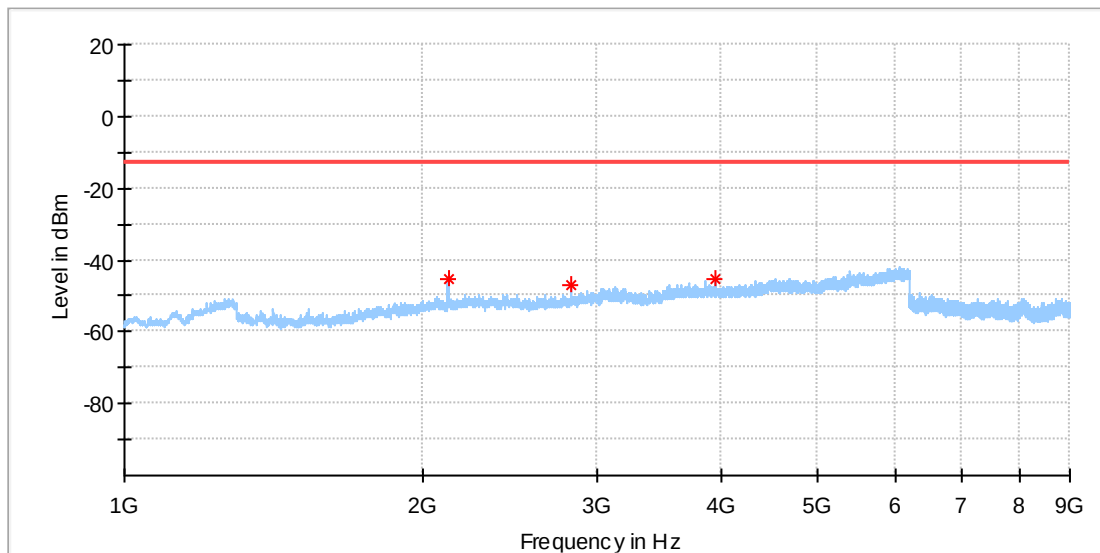


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-50.61	-13.00	37.61	100.0	V	155.0	-92.9
2120.500000	-35.13	-13.00	22.13	100.0	V	43.0	-88.1
2827.000000	-46.29	-13.00	33.29	100.0	V	245.0	-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

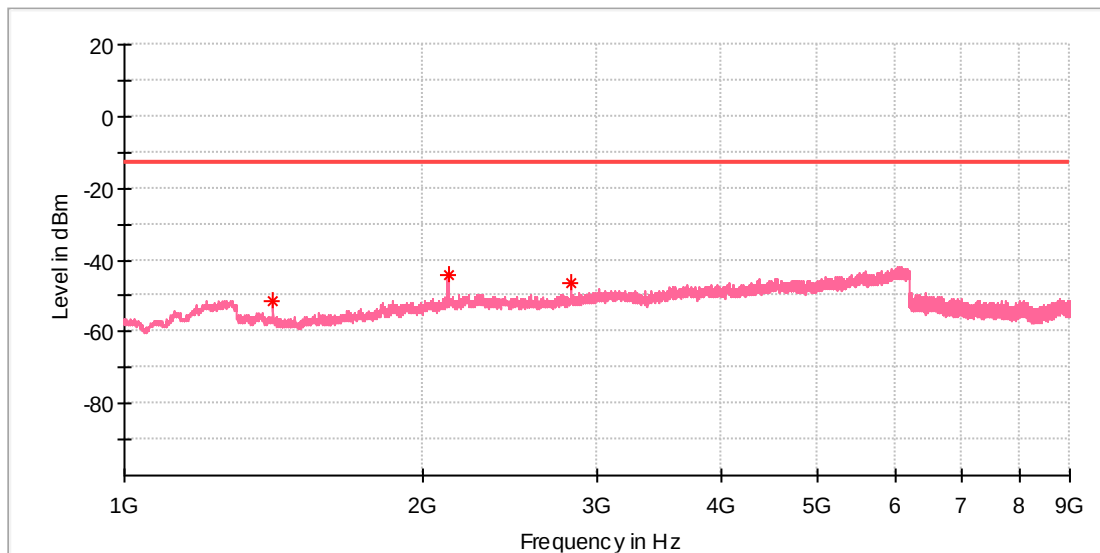


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2121.000000	-45.17	-13.00	32.17	100.0	H	120.0	-88.6
2828.000000	-46.76	-13.00	33.76	100.0	H	100.0	-87.5
3945.000000	-45.32	-13.00	32.32	100.0	H	196.0	-84.9

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

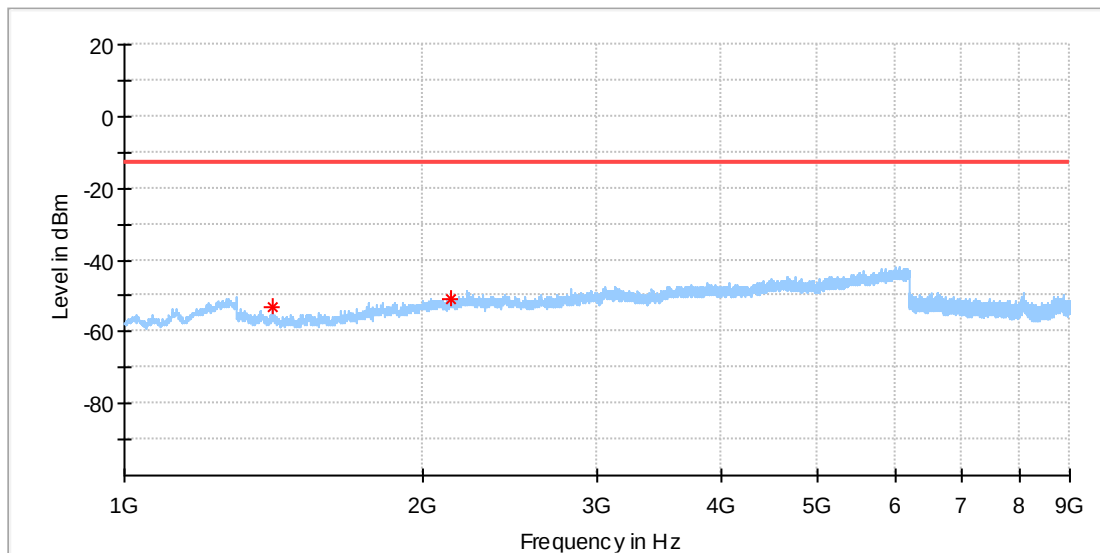


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-51.30	-13.00	38.30	100.0	V	163.0	-92.9
2121.000000	-43.99	-13.00	30.99	100.0	V	114.0	-88.1
2828.000000	-46.48	-13.00	33.48	100.0	V	248.0	-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

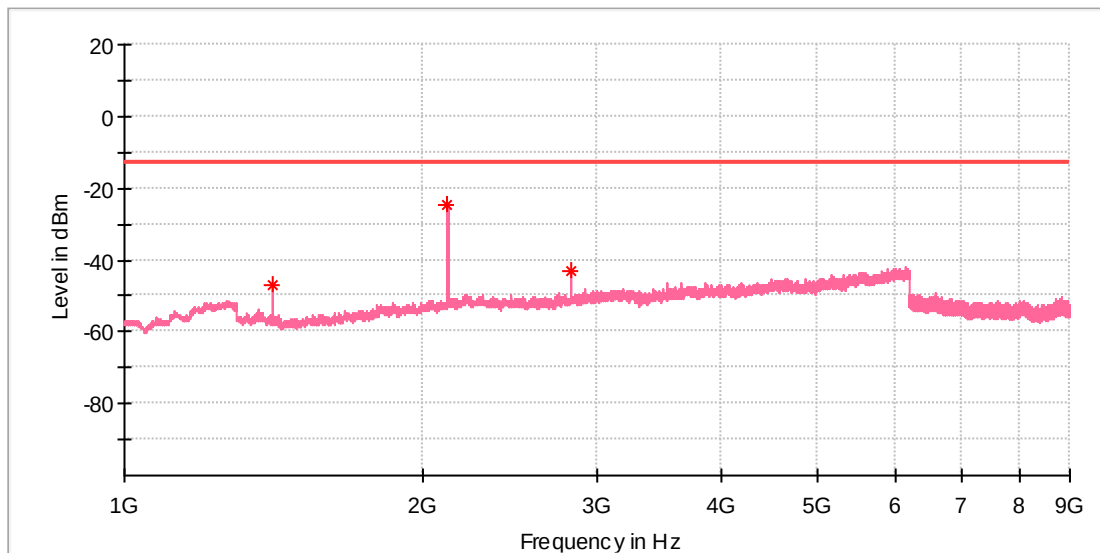


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-53.06	-13.00	40.06	100.0	H	16.0	-92.5
2131.000000	-50.69	-13.00	37.69	100.0	H	238.0	-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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

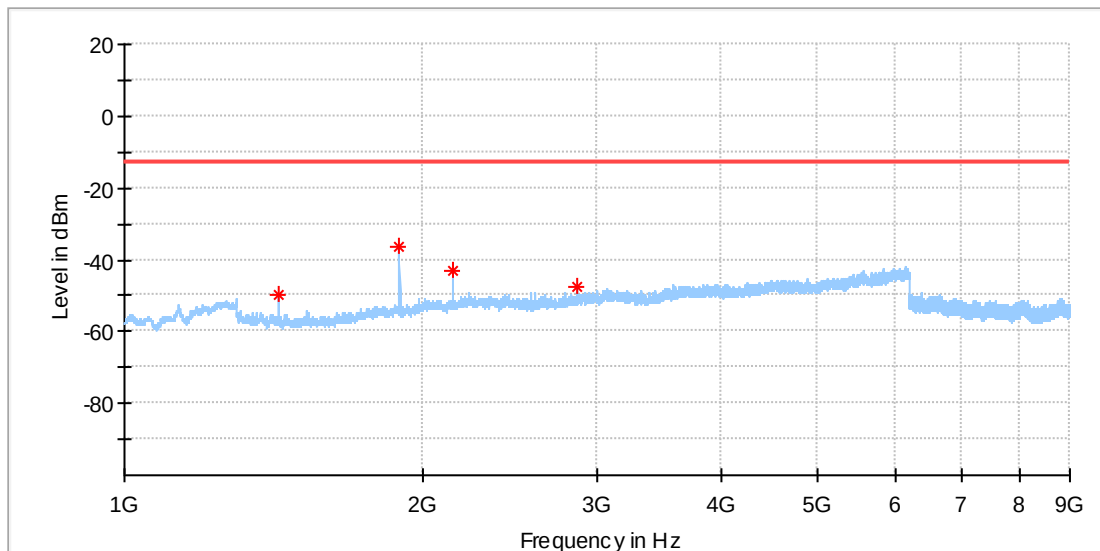
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-46.94	-13.00	33.94	100.0	V	226.0	-92.9
2120.500000	-24.57	-13.00	11.57	100.0	V	59.0	-88.1
2828.000000	-43.21	-13.00	30.21	100.0	V	254.0	-87.4

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

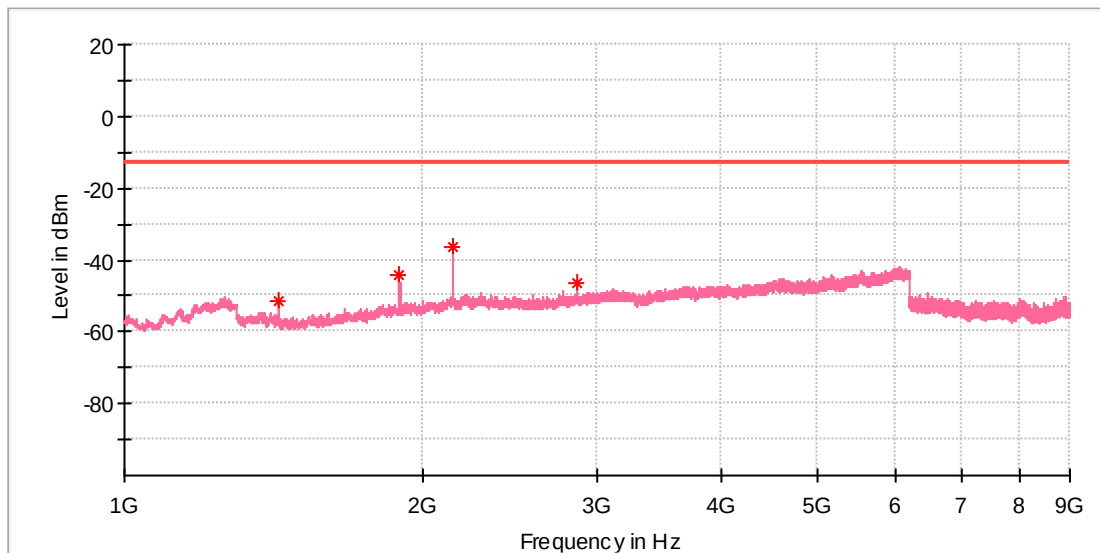


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-49.94	-13.00	36.94	100.0	H	144.0	-93.5
1895.000000	-36.34	-13.00	23.34	100.0	H	303.0	-90.2
2147.500000	-43.29	-13.00	30.29	100.0	H	109.0	-88.6
2863.500000	-47.32	-13.00	34.32	100.0	H	88.0	-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

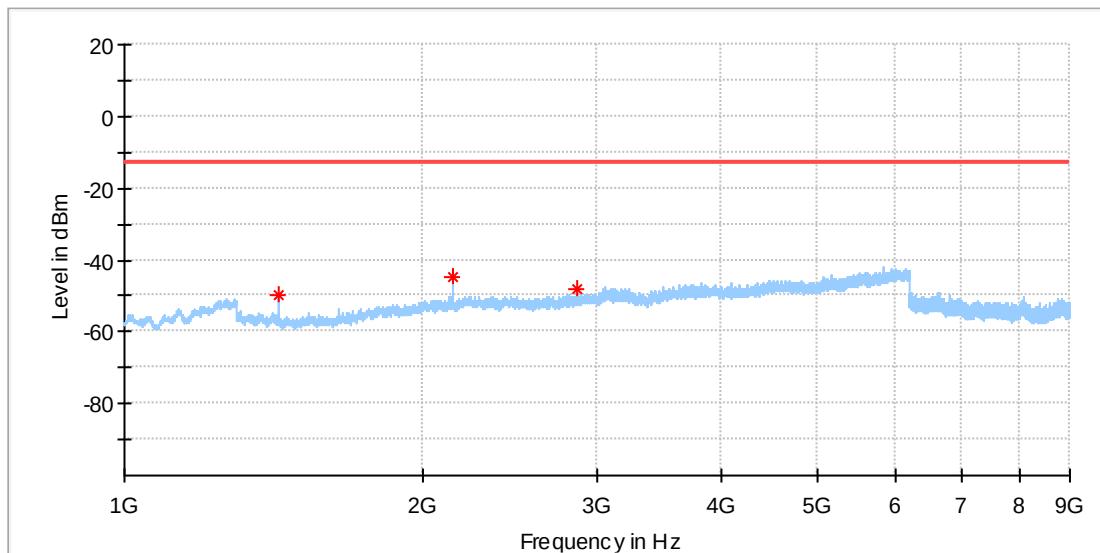


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-51.65	-13.00	38.65	100.0	V	293.0	-93.6
1894.000000	-43.97	-13.00	30.97	100.0	V	195.0	-90.4
2147.000000	-36.29	-13.00	23.29	100.0	V	181.0	-88.0
2863.000000	-46.62	-13.00	33.62	100.0	V	195.0	-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

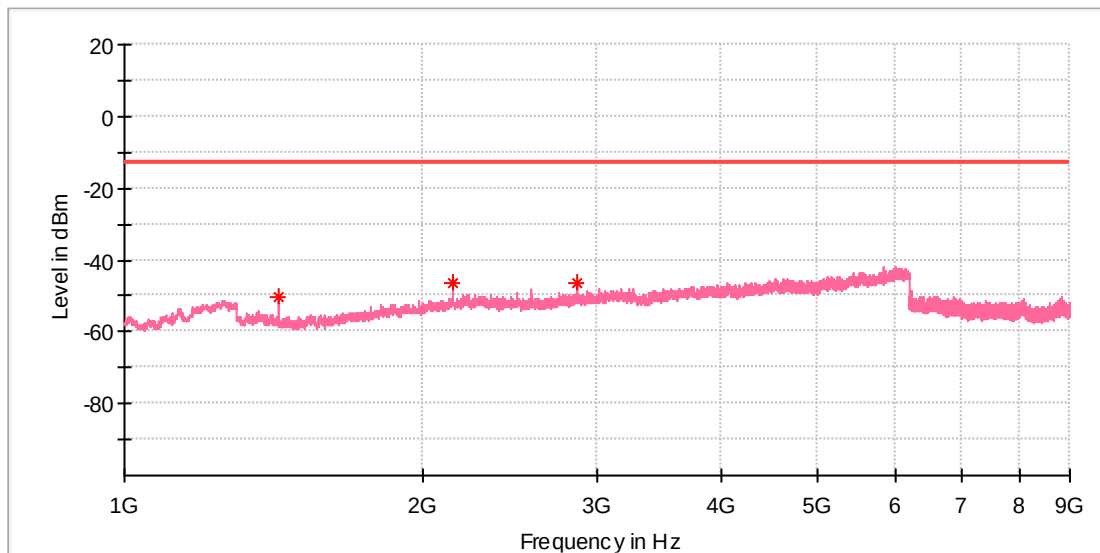


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1432.000000	-49.76	-13.00	36.76	100.0	H	343.0	-93.5
2148.000000	-44.51	-13.00	31.51	100.0	H	142.0	-88.6
2864.000000	-47.95	-13.00	34.95	100.0	H	86.0	-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

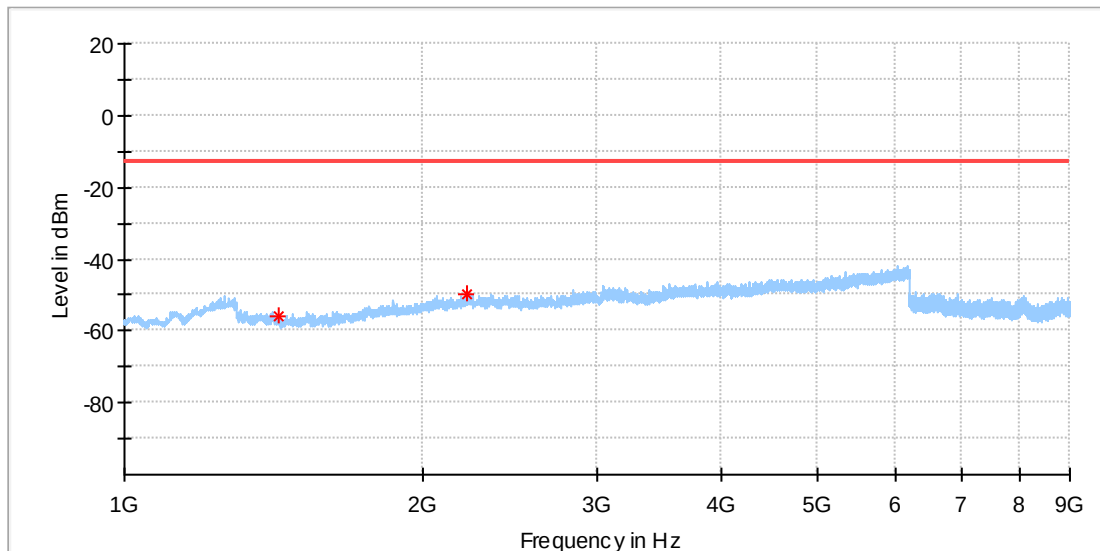
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-50.13	-13.00	37.13	100.0	V	267.0	-93.6
2148.000000	-46.17	-13.00	33.17	100.0	V	191.0	-88.0
2864.000000	-46.20	-13.00	33.20	100.0	V	44.0	-86.9

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

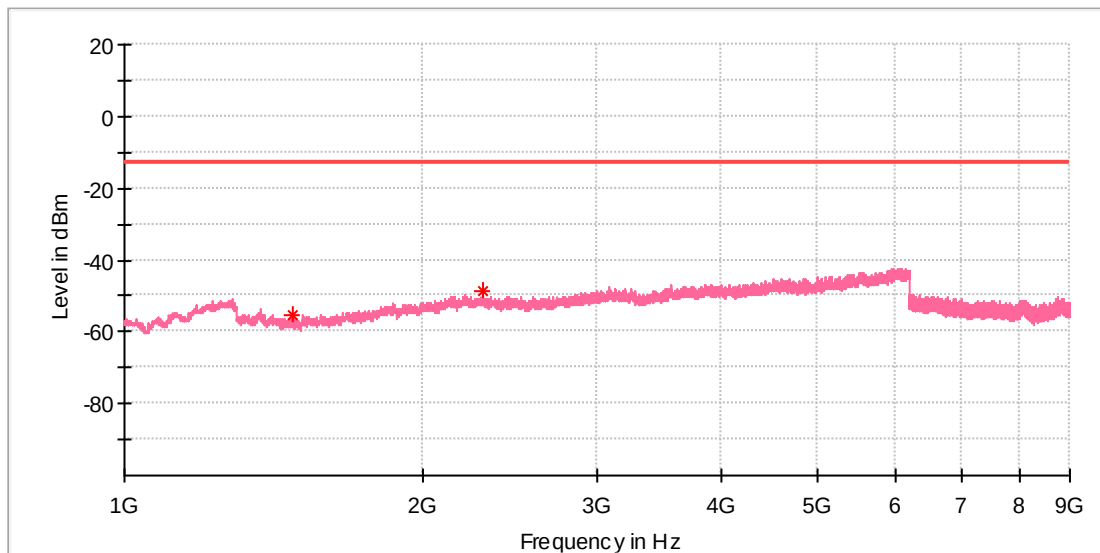


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1432.000000	-56.01	-13.00	43.01	100.0	H	329.0	-93.5
2216.500000	-49.50	-13.00	36.50	100.0	H	155.0	-87.5

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

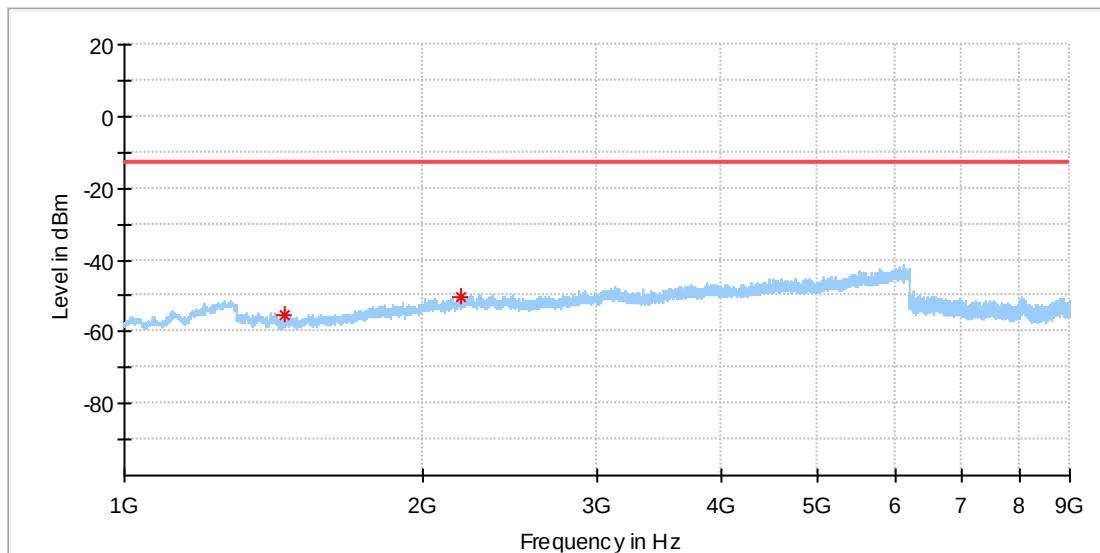


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1481.500000	-55.49	-13.00	42.49	100.0	V	232.0	-93.9
2301.500000	-48.84	-13.00	35.84	100.0	V	309.0	-87.5

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 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

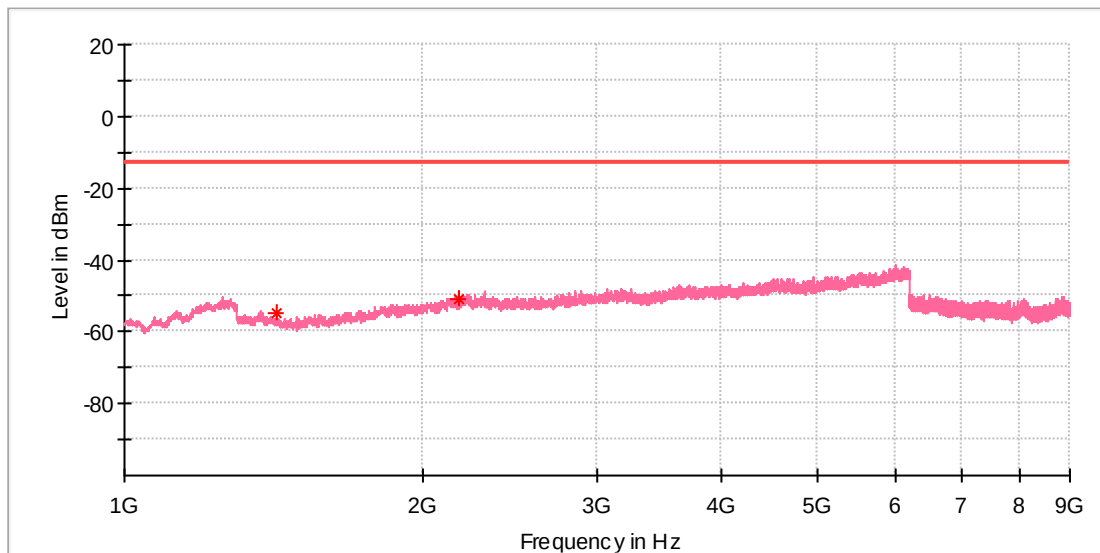


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1449.000000	-55.50	-13.00	42.50	100.0	H	119.0	-93.6
2191.000000	-50.12	-13.00	37.12	100.0	H	29.0	-87.8

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

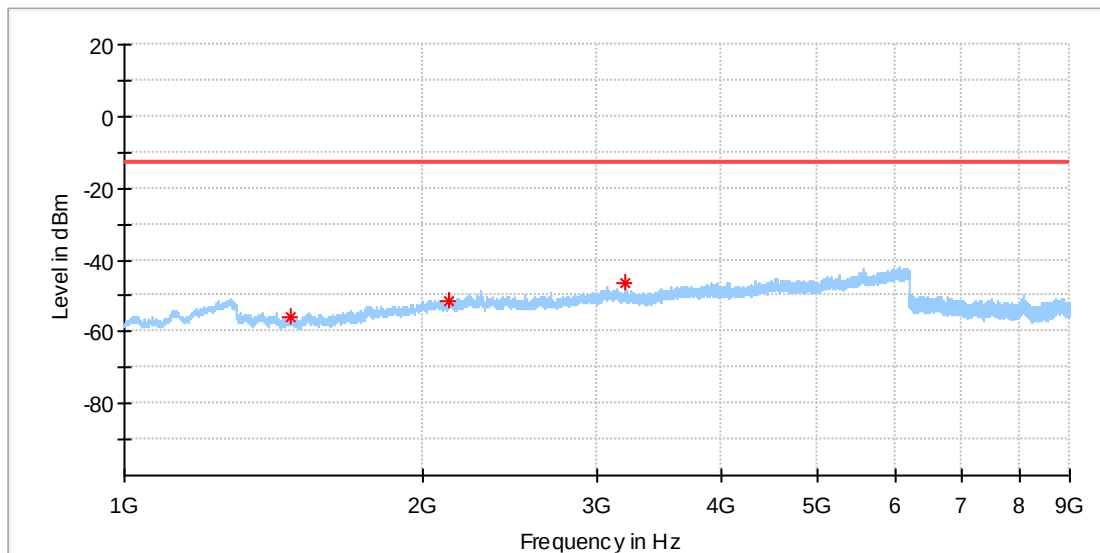


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1425.500000	-54.93	-13.00	41.93	100.0	V	62.0	-93.4
2172.500000	-50.63	-13.00	37.63	100.0	V	255.0	-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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin

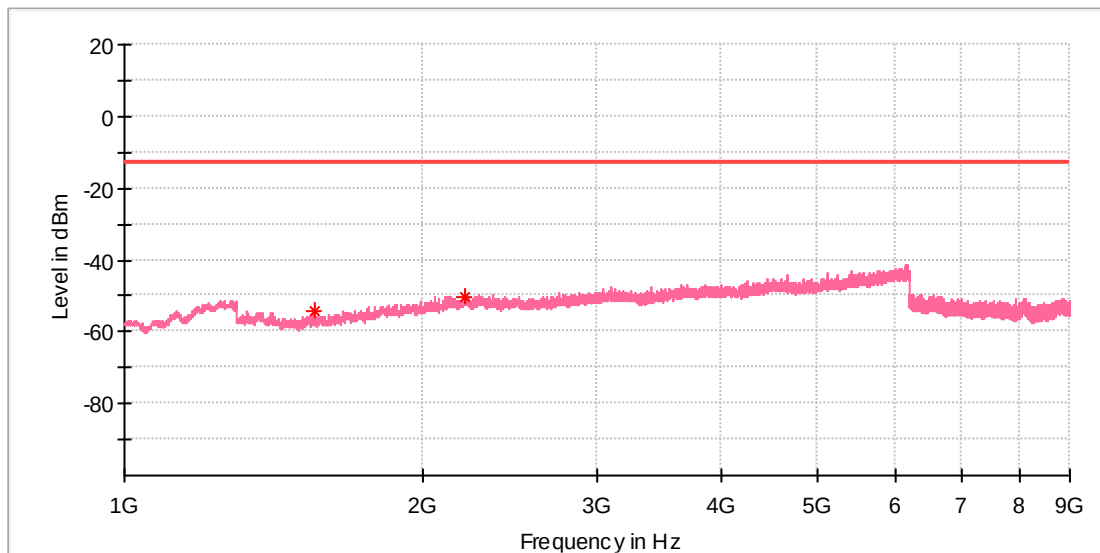


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1468.500000	-55.63	-13.00	42.63	100.0	H	5.0	-93.3
2124.500000	-51.17	-13.00	38.17	100.0	H	196.0	-88.4
3203.500000	-46.56	-13.00	33.56	100.0	H	0.0	-86.3

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 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)
1554.500000	-53.97	-13.00	40.97	100.0	V	121.0	-92.9
2205.500000	-50.08	-13.00	37.08	100.0	V	6.0	-87.2