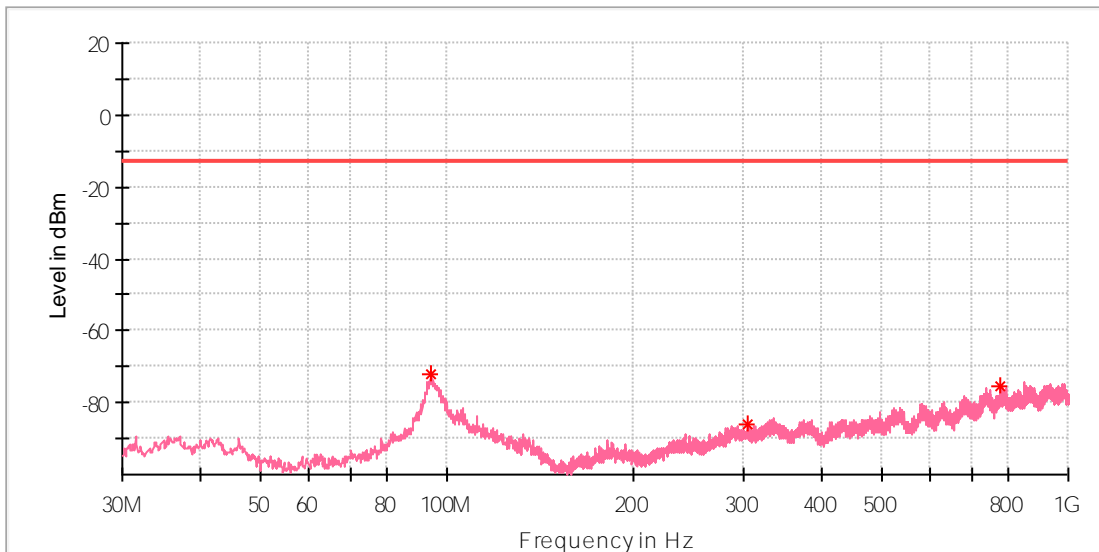


Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 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

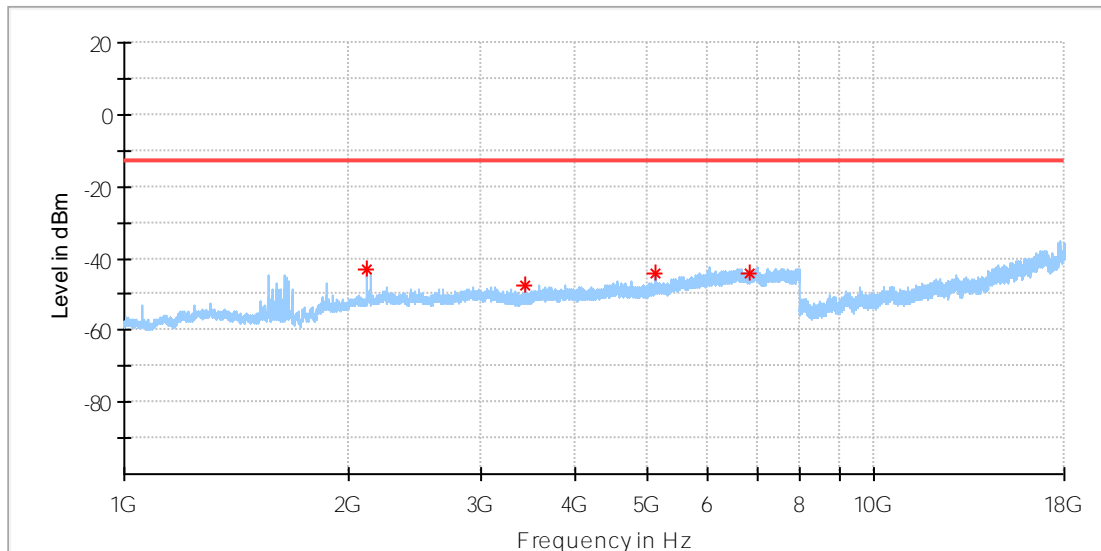
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.505000	-72.26	-13.00	59.26	100.0	V	6.0	-99.6
304.510000	-86.01	-13.00	73.01	100.0	V	298.0	-111.0
779.325000	-75.27	-13.00	62.27	100.0	V	94.0	-102.5

Produkte
 Products

Above 1 GHz
 Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 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



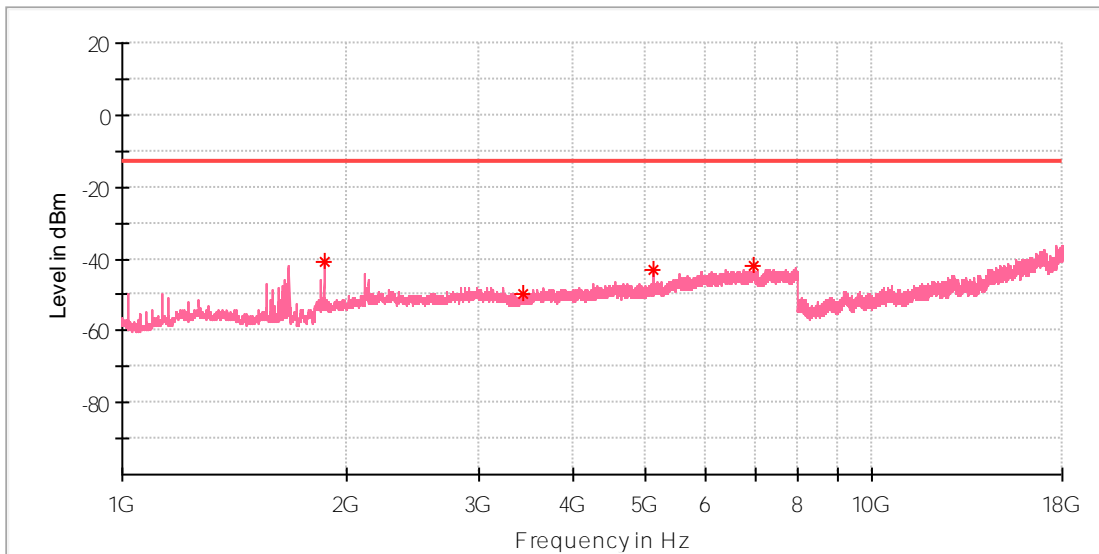
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2111.000000	-43.30	-13.00	30.30	100.0	H	0.0	-89.0
3421.000000	-47.60	-13.00	34.60	100.0	H	38.0	-87.9
5130.500000	-44.01	-13.00	31.01	100.0	H	80.0	-84.8
6854.000000	-44.28	-13.00	31.28	100.0	H	338.0	-81.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 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

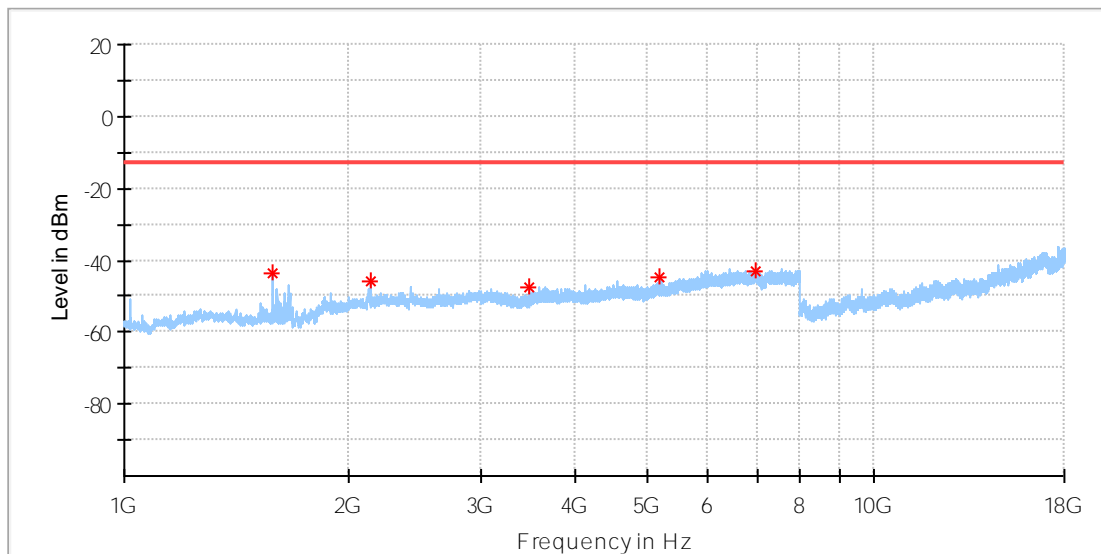
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1859.000000	-40.77	-13.00	27.77	100.0	V	0.0	-90.1
3422.500000	-49.89	-13.00	36.89	100.0	V	10.0	-87.6
5131.000000	-42.89	-13.00	29.89	100.0	V	2.0	-84.9
6965.500000	-42.08	-13.00	29.08	100.0	V	0.0	-80.9

Produkte
 Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 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



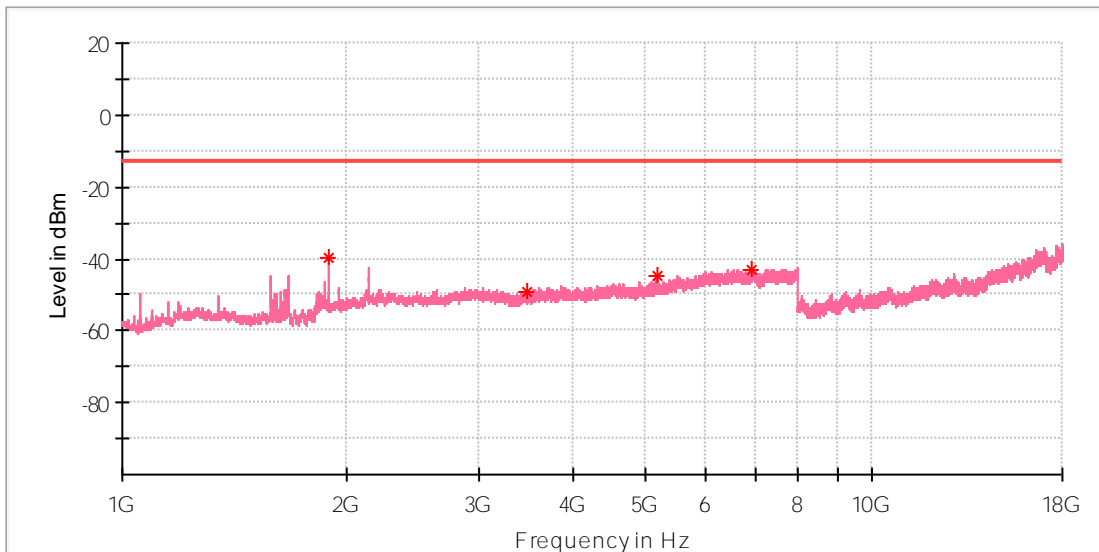
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1581.500000	-43.51	-13.00	30.51	100.0	H	268.0	-92.9
2131.500000	-45.66	-13.00	32.66	100.0	H	112.0	-88.2
3464.000000	-47.79	-13.00	34.79	100.0	H	350.0	-88.1
5196.000000	-44.99	-13.00	31.99	100.0	H	106.0	-84.8
6958.500000	-42.94	-13.00	29.94	100.0	H	350.0	-80.8

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 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

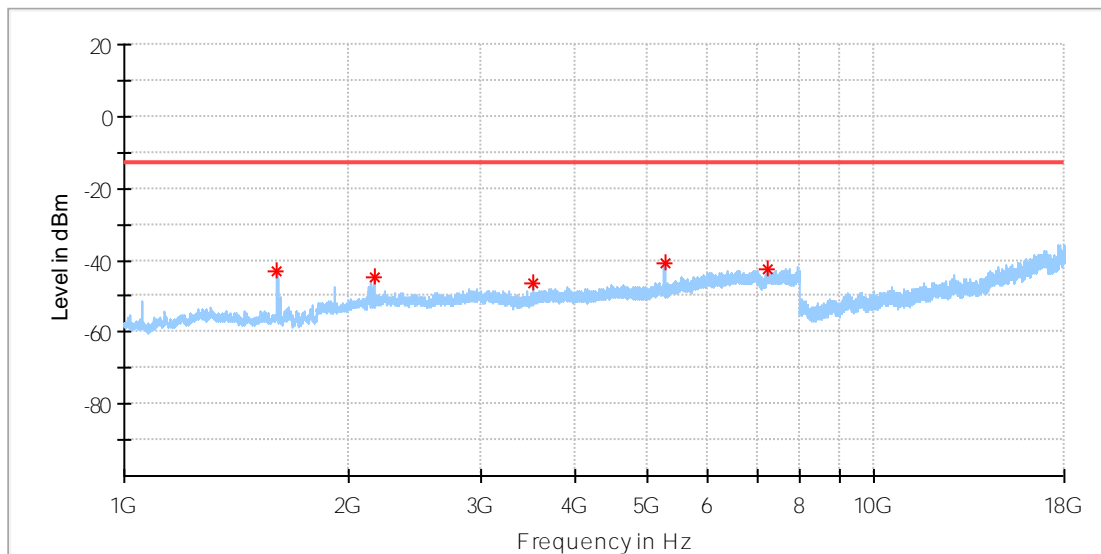
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1882.500000	-39.57	-13.00	26.57	100.0	V	19.0	-90.2
3478.500000	-49.25	-13.00	36.25	100.0	V	205.0	-87.8
5196.000000	-44.75	-13.00	31.75	100.0	V	87.0	-84.8
6921.000000	-42.95	-13.00	29.95	100.0	V	157.0	-81.2

Produkte
 Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
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



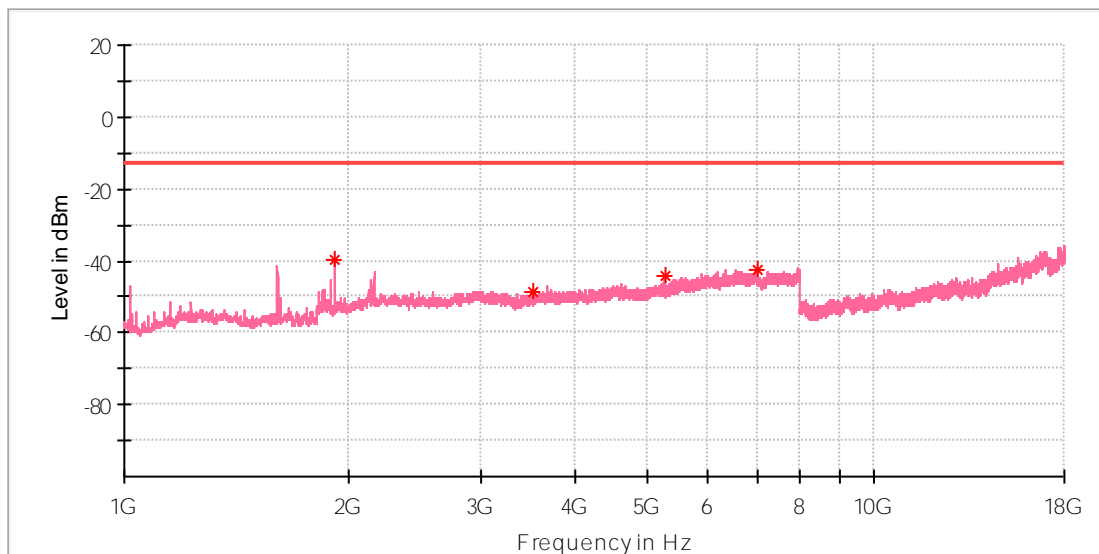
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1602.000000	-43.18	-13.00	30.18	100.0	H	83.0	-92.8
2154.000000	-44.90	-13.00	31.90	100.0	H	229.0	-88.6
3509.000000	-46.66	-13.00	33.66	100.0	H	38.0	-87.3
5264.500000	-40.59	-13.00	27.59	100.0	H	59.0	-85.0
7224.500000	-42.71	-13.00	29.71	100.0	H	101.0	-79.6

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
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

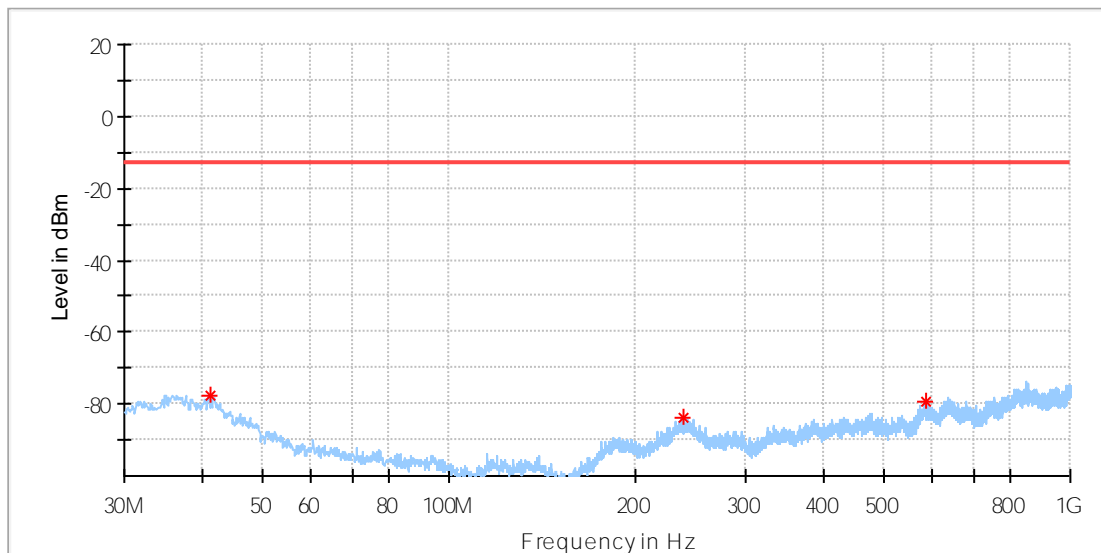
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1907.500000	-39.50	-13.00	26.50	100.0	V	264.0	-90.0
3524.000000	-48.74	-13.00	35.74	100.0	V	0.0	-87.3
5264.000000	-44.22	-13.00	31.22	100.0	V	1.0	-85.1
6990.000000	-42.52	-13.00	29.52	100.0	V	43.0	-80.8

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

Test Result of QPSK modulation
 Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

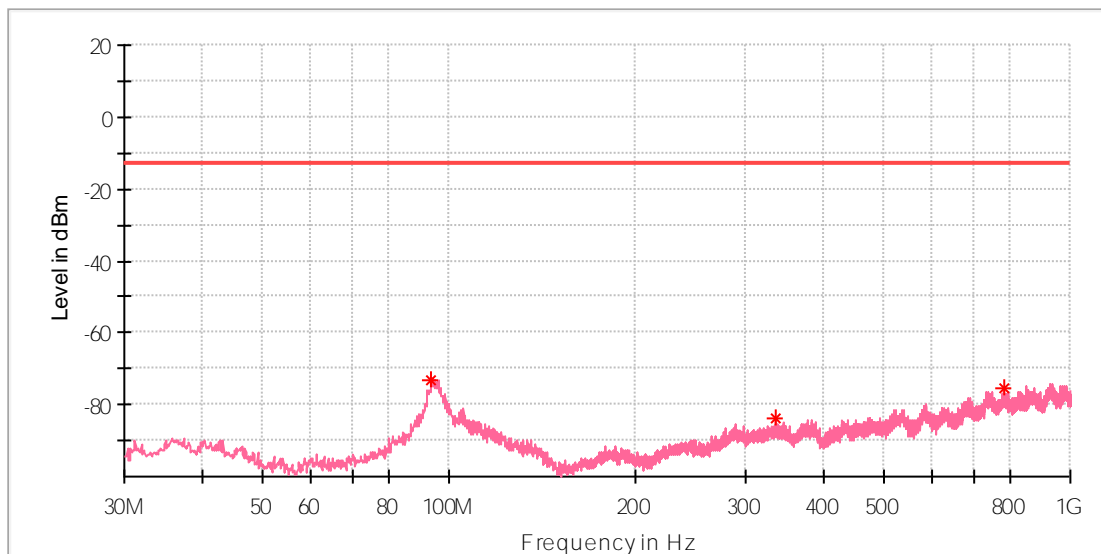


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.155000	-77.94	-13.00	64.94	100.0	H	272.0	-112.2
239.277500	-84.02	-13.00	71.02	100.0	H	299.0	-110.6
587.143750	-79.23	-13.00	66.23	100.0	H	92.0	-106.1

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M QPSK 1 @0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

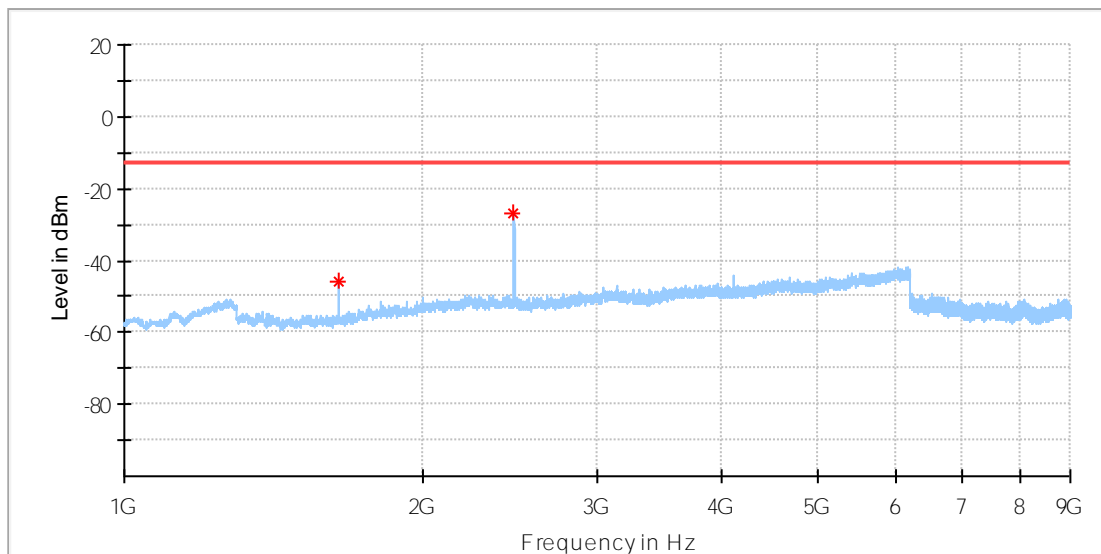
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.413750	-73.16	-13.00	60.16	100.0	V	13.0	-101.0
336.035000	-83.71	-13.00	70.71	100.0	V	287.0	-111.6
779.688750	-75.41	-13.00	62.41	100.0	V	296.0	-102.5

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 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



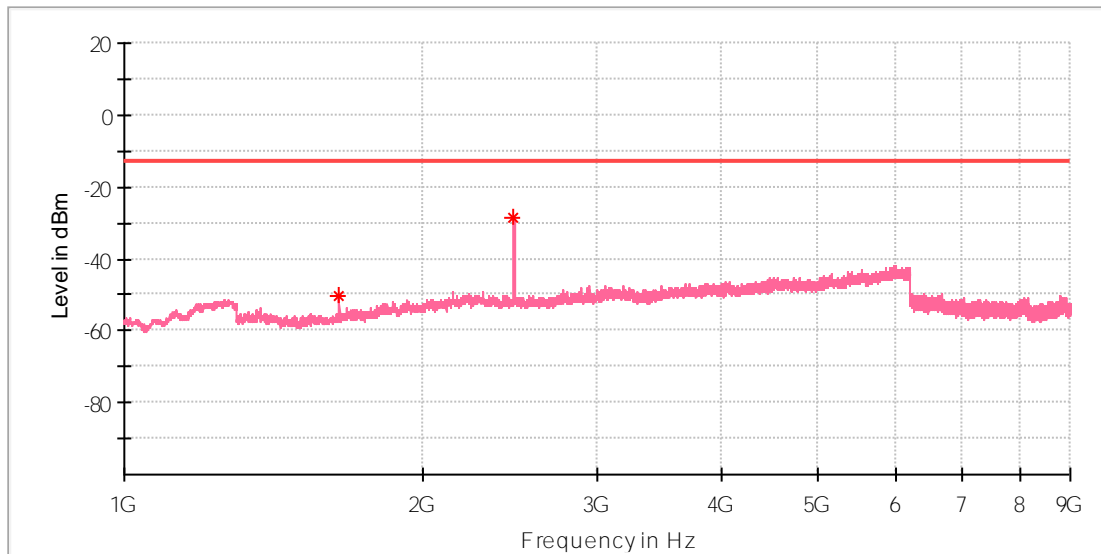
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-45.69	-13.00	32.69	100.0	H	92.0	-92.4
2472.500000	-26.79	-13.00	13.79	100.0	H	133.0	-87.9

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4MQPSK 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

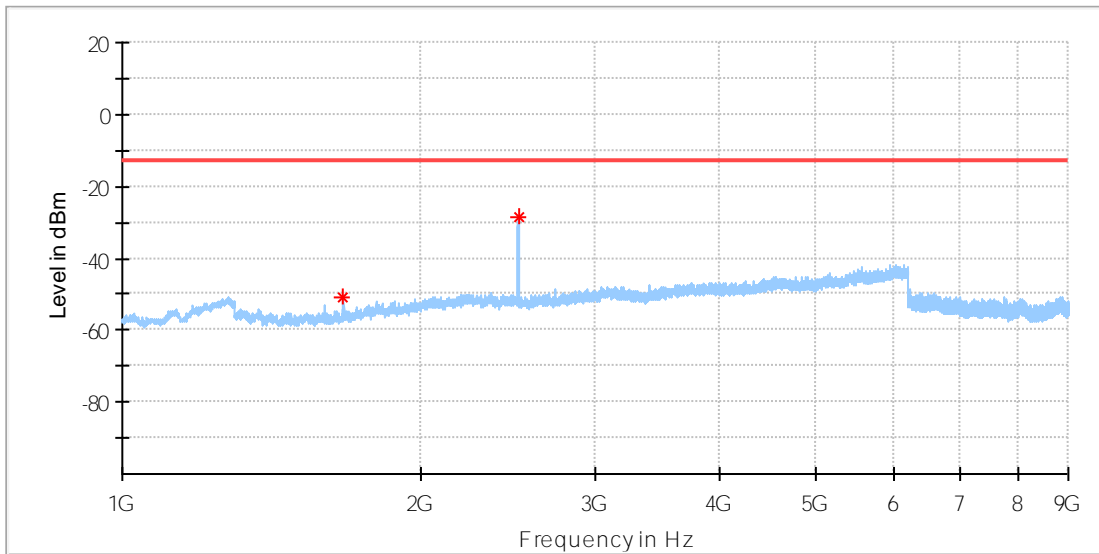
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-50.05	-13.00	37.05	100.0	V	88.0	-92.4
2472.500000	-28.80	-13.00	15.80	100.0	V	108.0	-88.0

Produkte
 Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 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



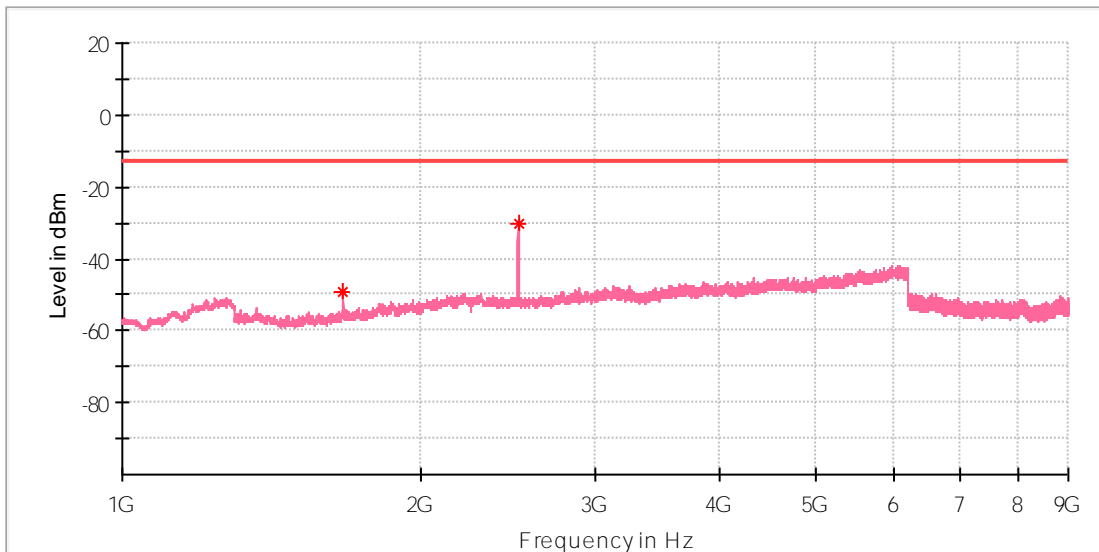
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-51.01	-13.00	38.01	100.0	H	51.0	-92.5
2508.000000	-28.77	-13.00	15.77	100.0	H	121.0	-88.3

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 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

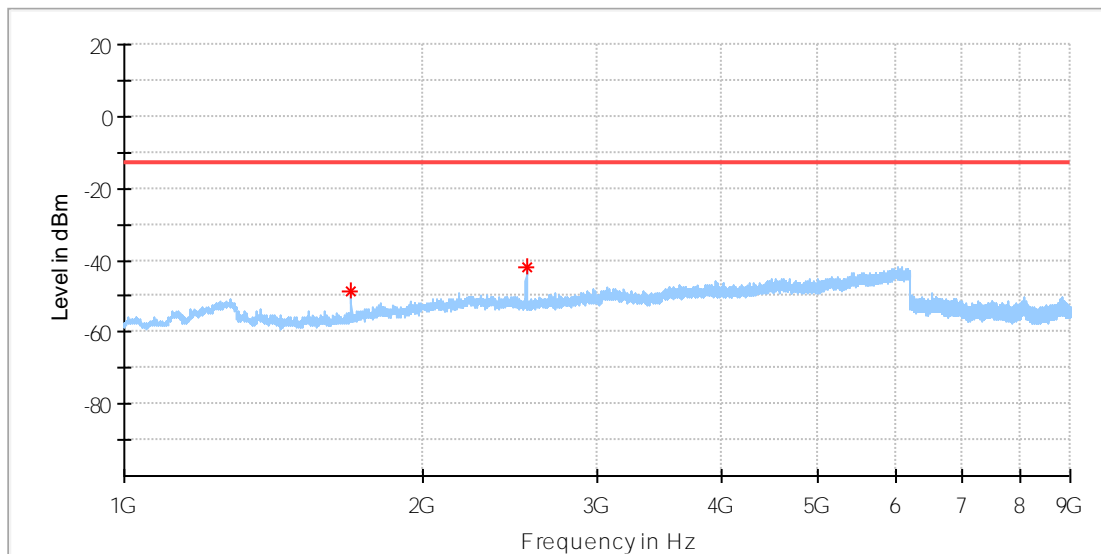
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-49.16	-13.00	36.16	100.0	V	74.0	-92.2
2508.000000	-30.21	-13.00	17.21	100.0	V	88.0	-88.2

Produkte
 Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
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



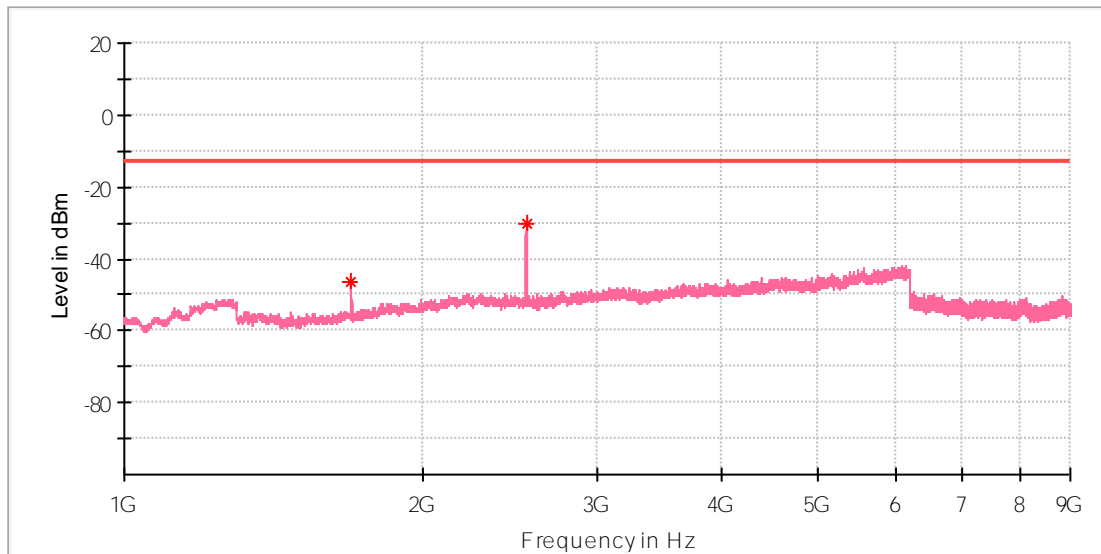
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.000000	-48.56	-13.00	35.56	100.0	H	19.0	-92.4
2544.000000	-41.99	-13.00	28.99	100.0	H	102.0	-88.3

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
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

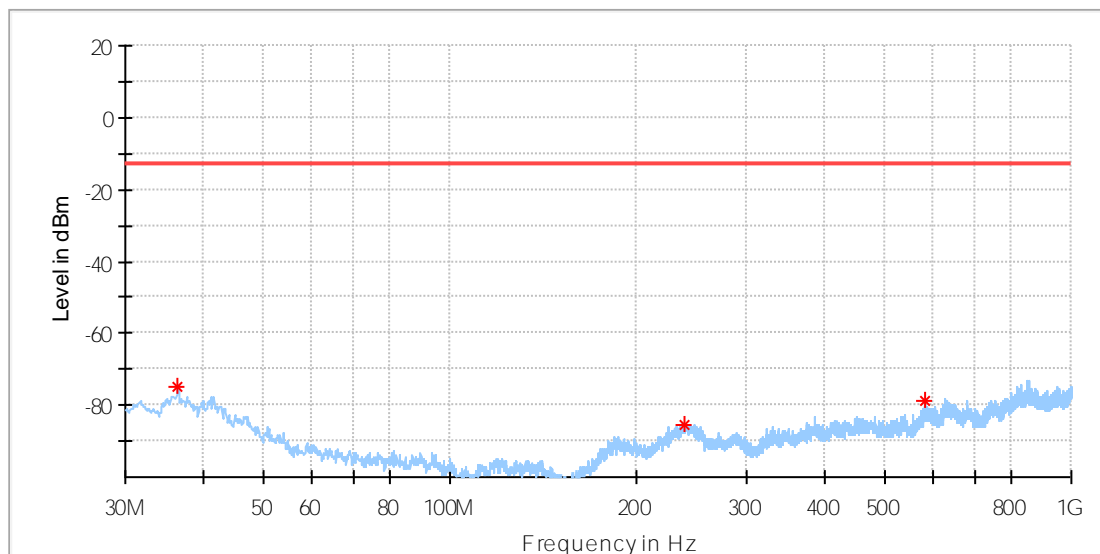
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-46.53	-13.00	33.53	100.0	V	29.0	-92.1
2544.000000	-30.38	-13.00	17.38	100.0	V	98.0	-88.4

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

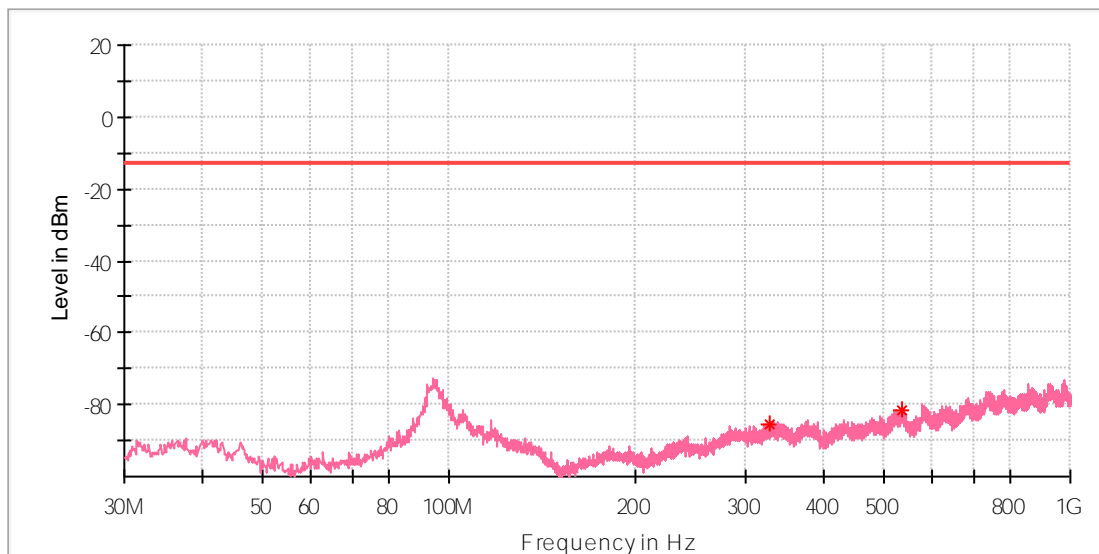


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.426250	-74.63	-13.00	61.63	100.0	H	162.0	-113.2
237.822500	-85.60	-13.00	72.60	100.0	H	64.0	-110.8
582.172500	-78.96	-13.00	65.96	100.0	H	73.0	-106.2

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

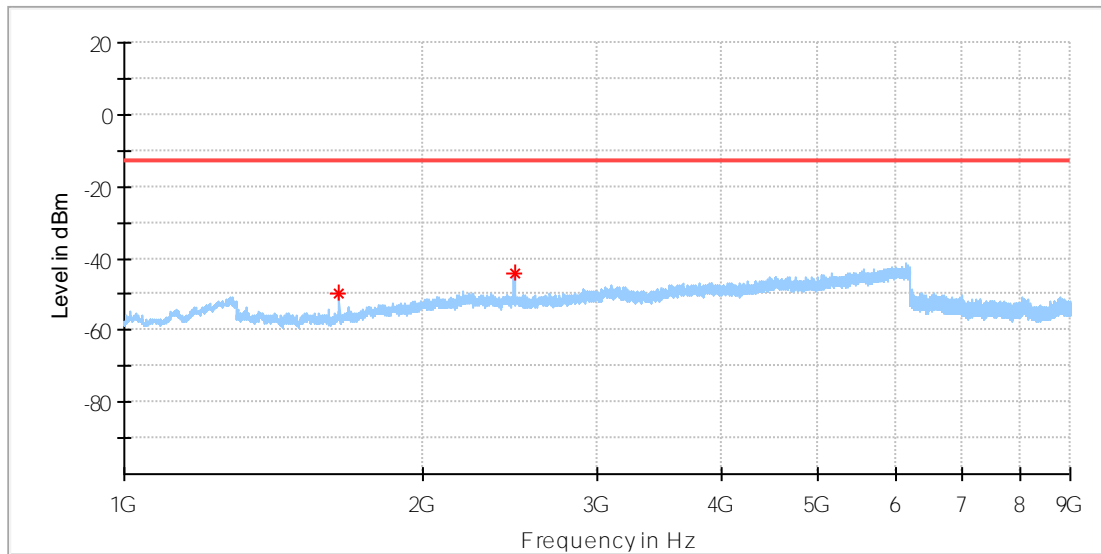
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
329.123750	-85.72	-13.00	72.72	100.0	V	32.0	-112.2
534.521250	-81.50	-13.00	68.50	100.0	V	72.0	-107.6

Produkte
 Products

Above 1 GHz
 Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 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



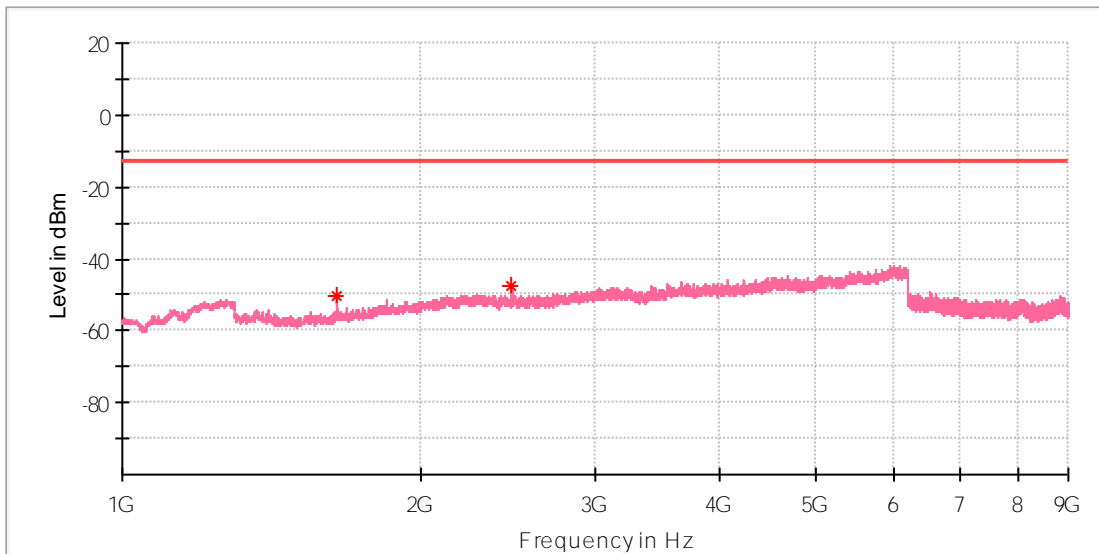
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-49.82	-13.00	36.82	100.0	H	72.0	-92.4
2473.000000	-43.96	-13.00	30.96	100.0	H	93.0	-87.9

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 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

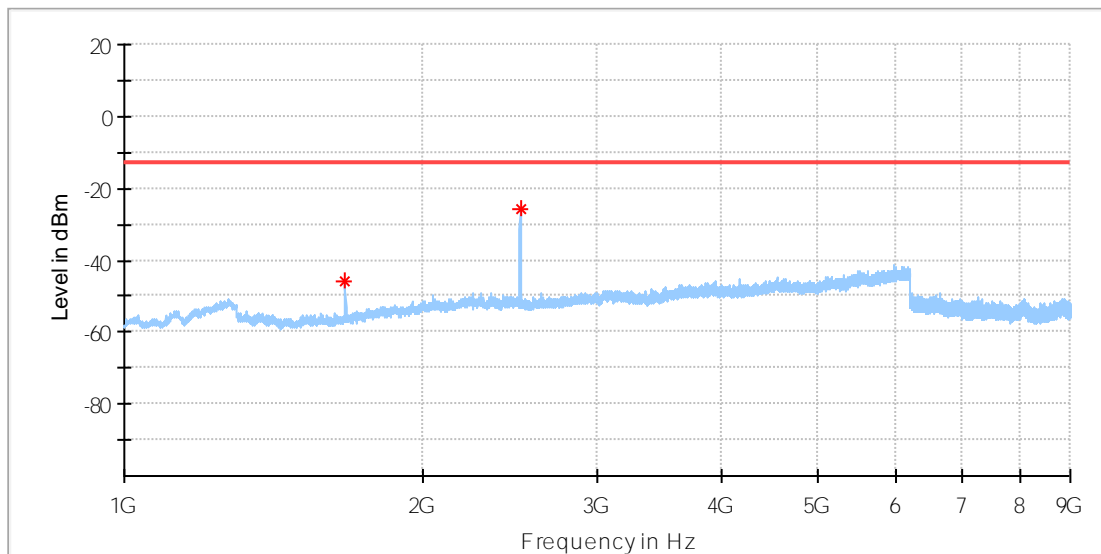
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-50.17	-13.00	37.17	100.0	V	225.0	-92.4
2472.500000	-47.27	-13.00	34.27	100.0	V	100.0	-88.0

Produkte
 Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 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

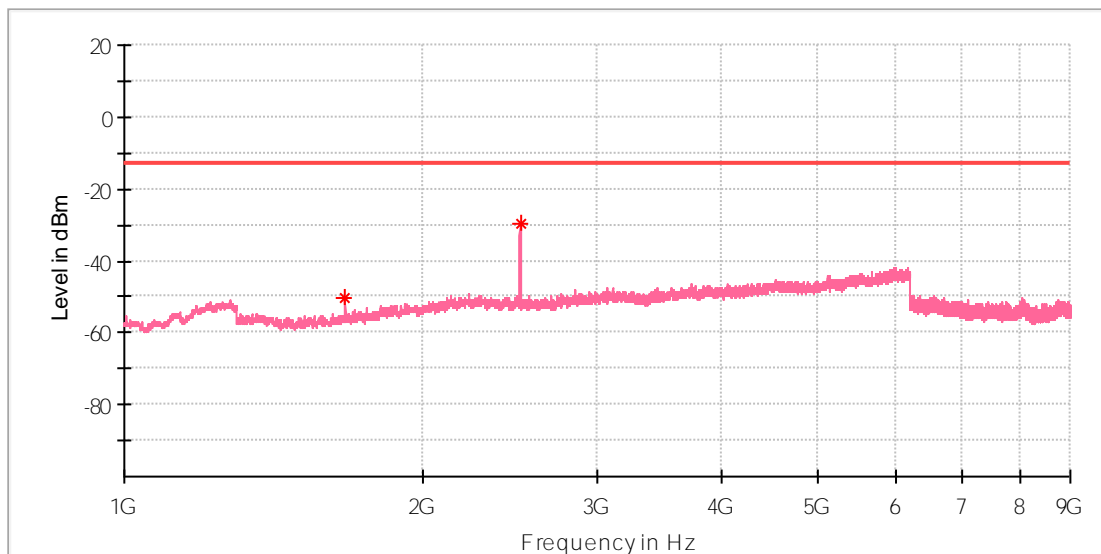


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1671.500000	-45.99	-13.00	32.99	100.0	H	92.0	-92.5
2508.000000	-25.64	-13.00	12.64	100.0	H	112.0	-88.3

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 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

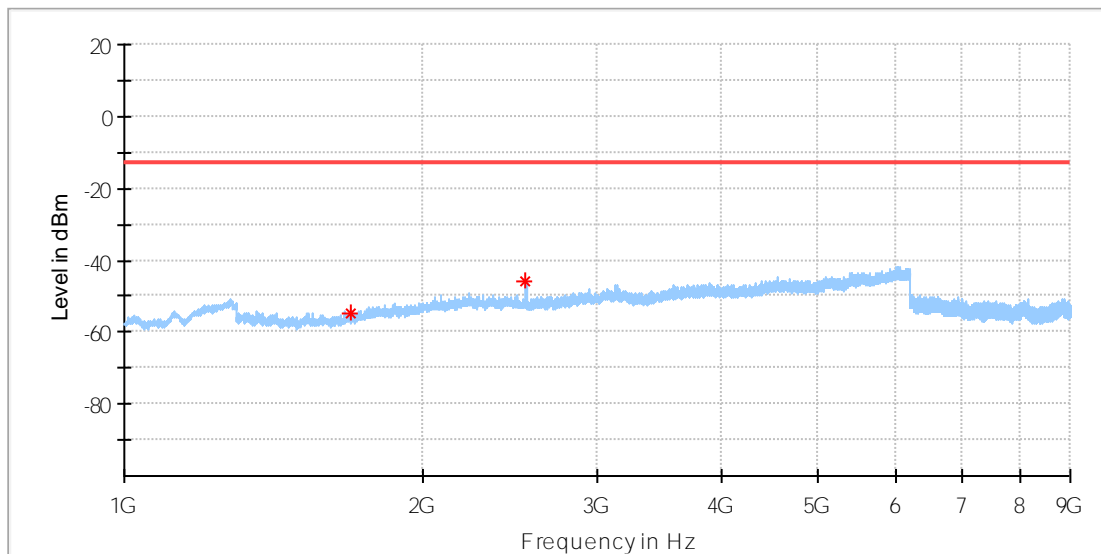
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1671.500000	-50.20	-13.00	37.20	100.0	V	121.0	-92.2
2508.000000	-29.56	-13.00	16.56	100.0	V	121.0	-88.2

Produkte
 Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
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



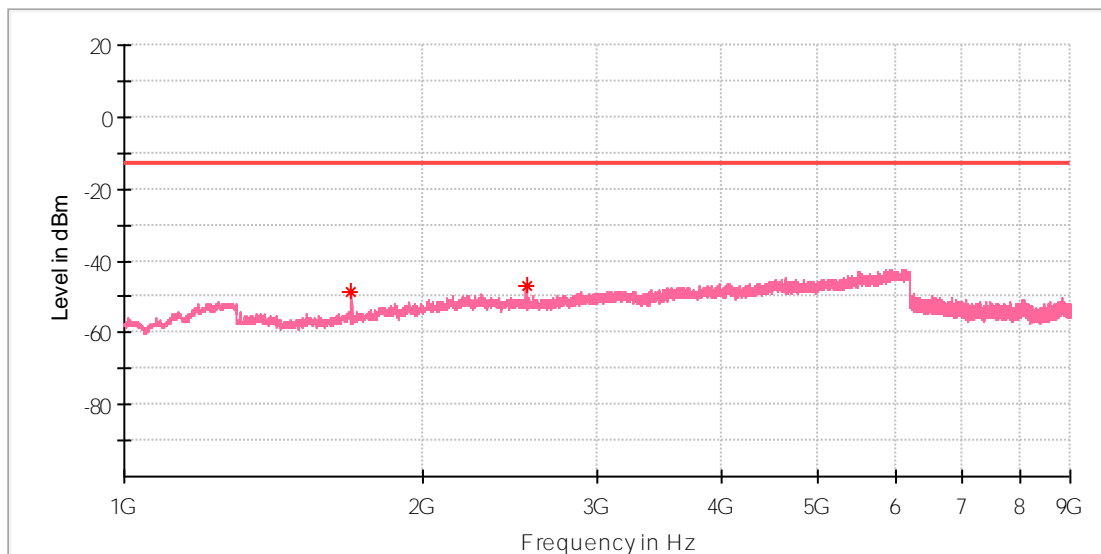
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-54.66	-13.00	41.66	100.0	H	260.0	-92.4
2543.000000	-45.91	-13.00	32.91	100.0	H	74.0	-88.3

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
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

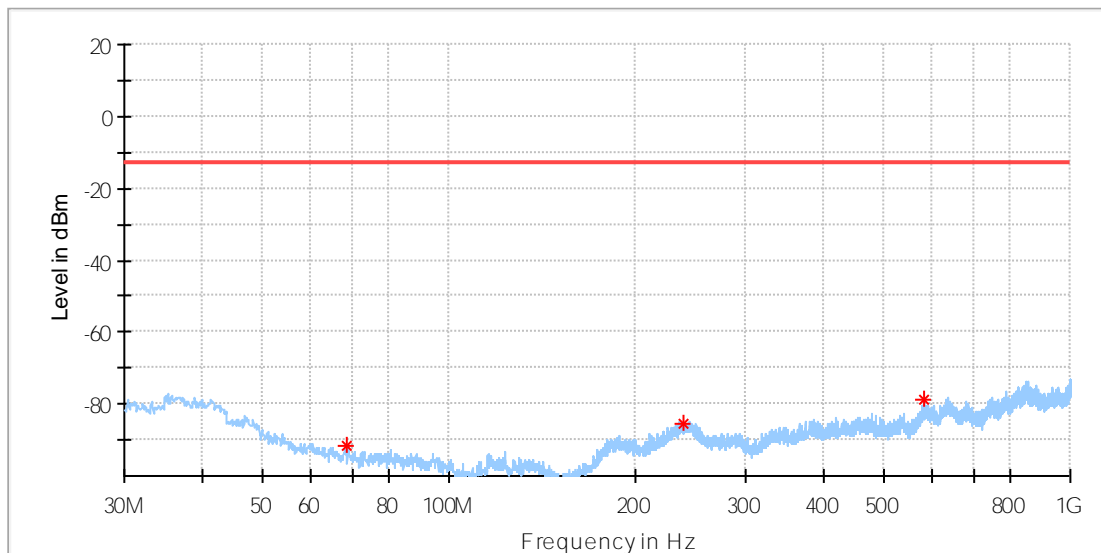
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1696.000000	-48.73	-13.00	35.73	100.0	V	0.0	-92.1
2543.500000	-46.92	-13.00	33.92	100.0	V	93.0	-88.4

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

Test Result of QPSK modulation
 Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



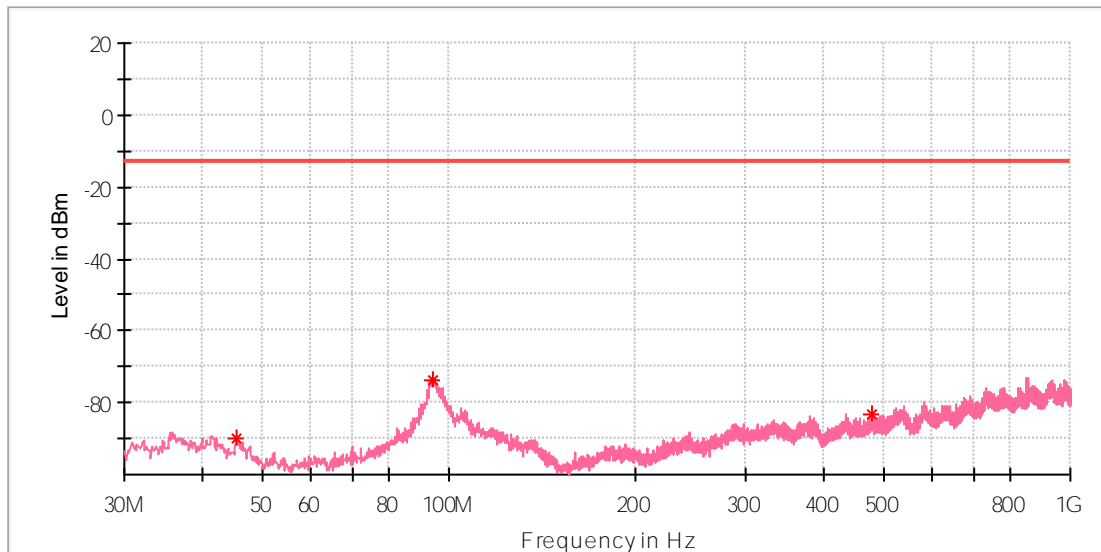
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
68.436250	-91.52	-13.00	78.52	100.0	H	194.0	-121.4
238.186250	-85.22	-13.00	72.22	100.0	H	18.0	-110.8
582.415000	-78.88	-13.00	65.88	100.0	H	266.0	-106.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M QPSK 1 @0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

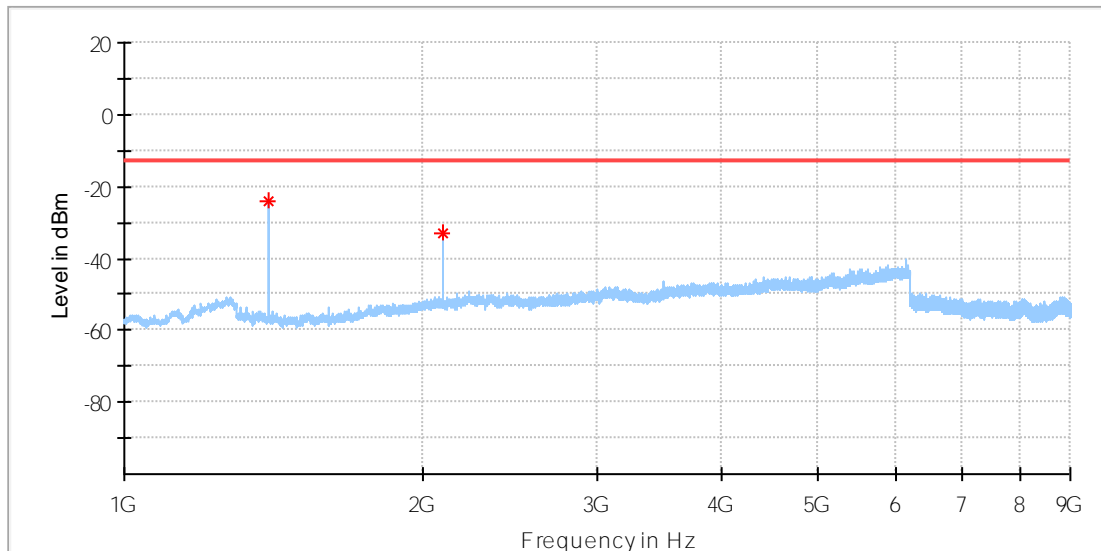
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
45.398750	-90.22	-13.00	77.22	100.0	V	0.0	-123.0
94.383750	-73.61	-13.00	60.61	100.0	V	115.0	-99.6
479.716250	-83.34	-13.00	70.34	100.0	V	0.0	-110.1

Produkte
 Products

Above 1 GHz
 Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 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



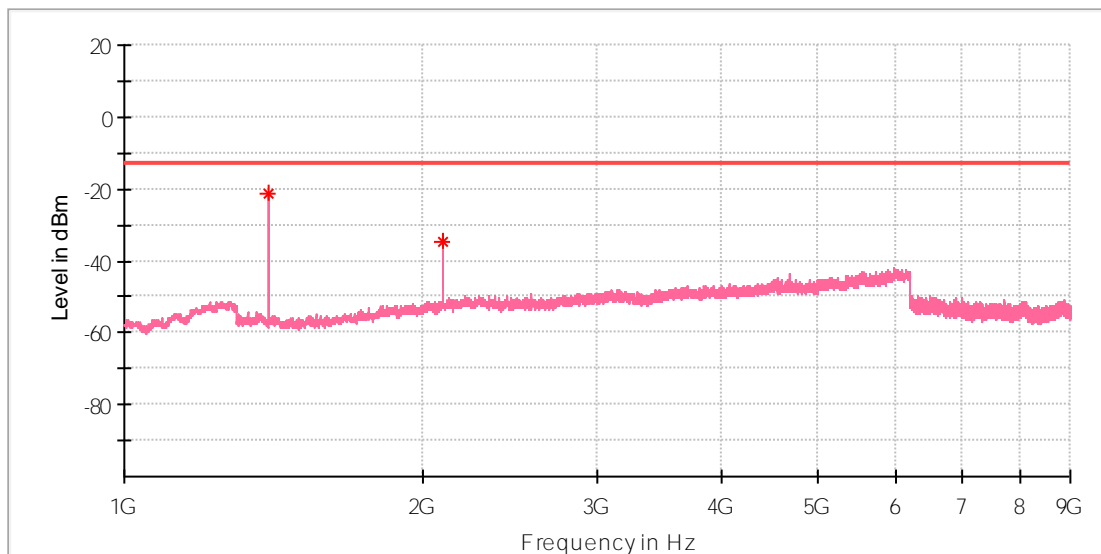
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.500000	-24.18	-13.00	11.18	100.0	H	89.0	-93.0
2097.500000	-32.84	-13.00	19.84	100.0	H	0.0	-88.8

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 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

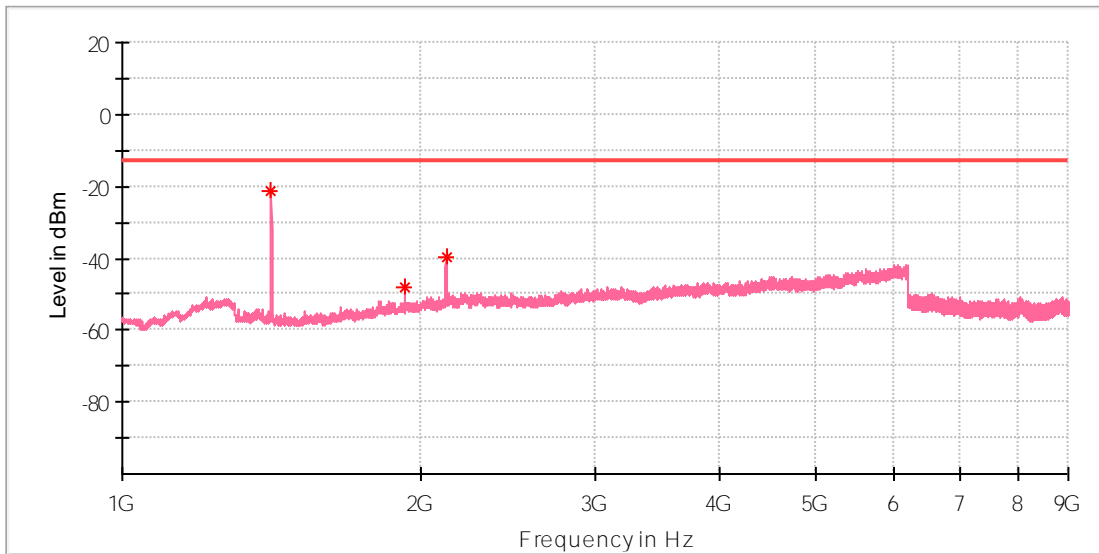
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.500000	-21.53	-13.00	8.53	100.0	V	96.0	-92.8
2097.500000	-34.70	-13.00	21.70	100.0	V	103.0	-88.6

Produkte
 Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 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

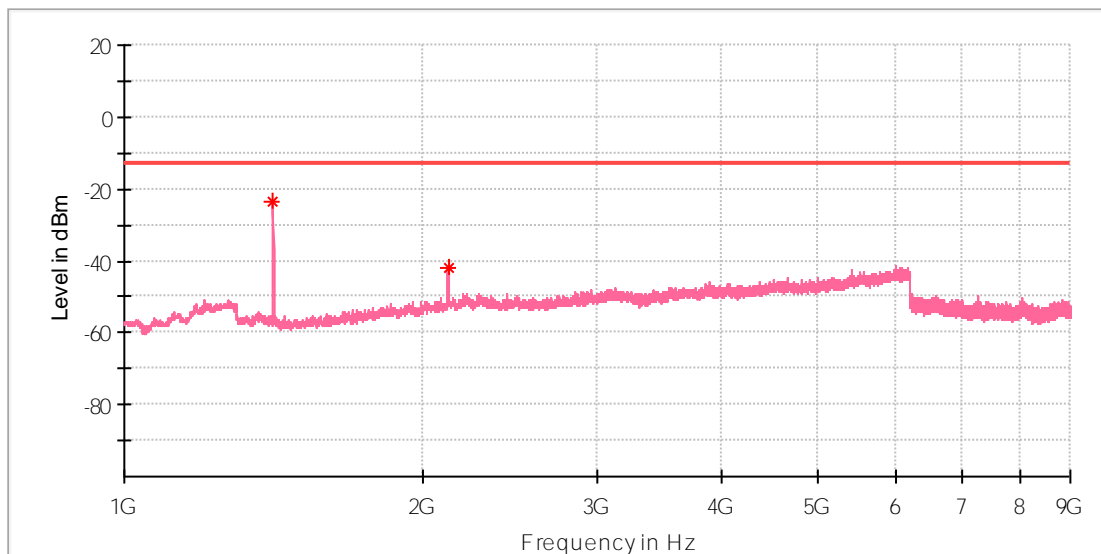


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-21.18	-13.00	8.18	100.0	V	93.0	-92.9
1925.000000	-47.94	-13.00	34.94	100.0	V	302.0	-89.5
2121.000000	-39.80	-13.00	26.80	100.0	V	211.0	-88.1

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 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

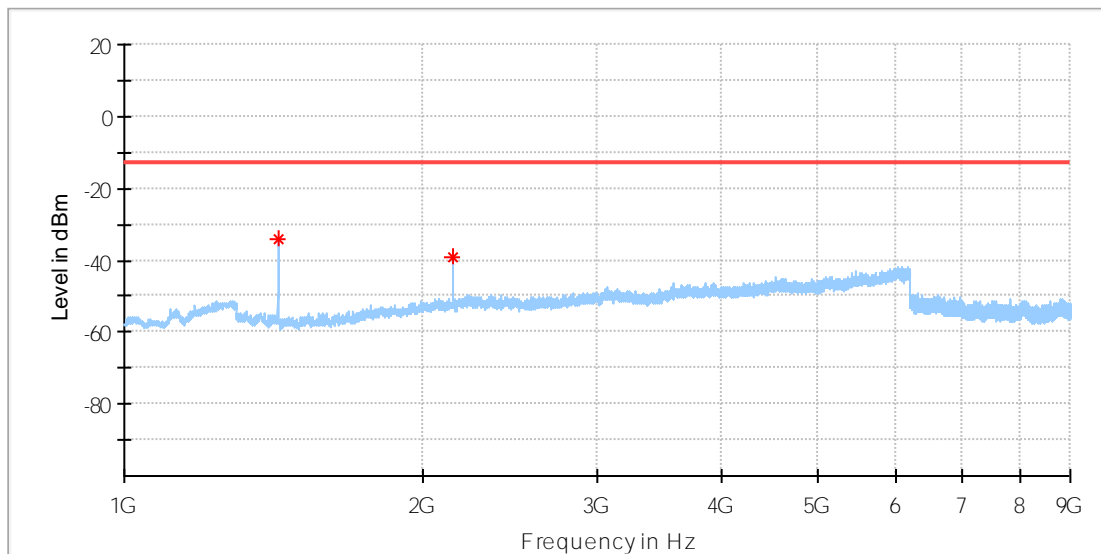
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-23.67	-13.00	10.67	100.0	V	122.0	-92.9
2121.000000	-42.21	-13.00	29.21	100.0	V	0.0	-88.1

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
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

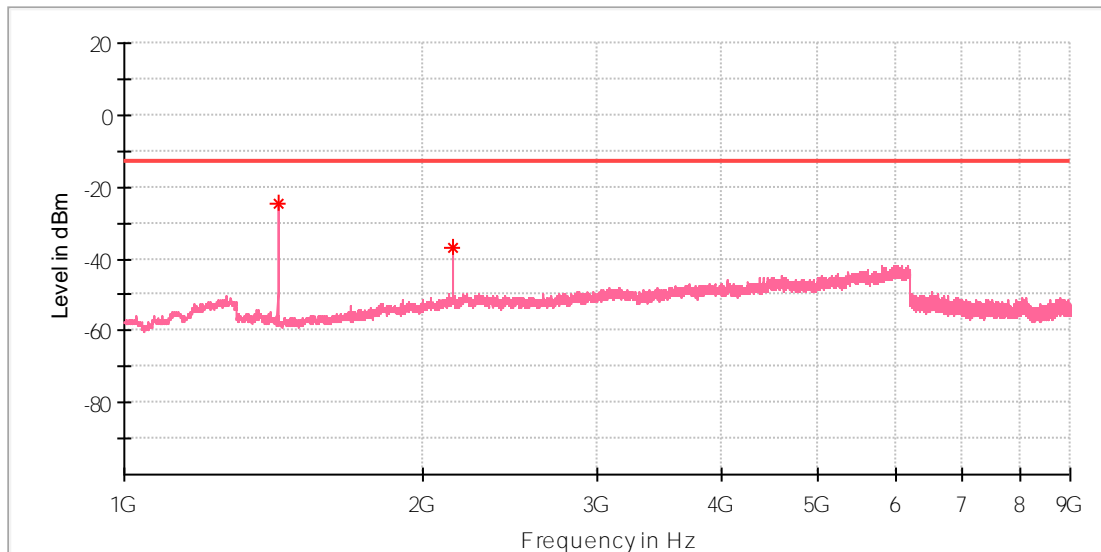


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.500000	-33.99	-13.00	20.99	100.0	H	106.0	-93.4
2144.500000	-39.04	-13.00	26.04	100.0	H	329.0	-88.5

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1 @5
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

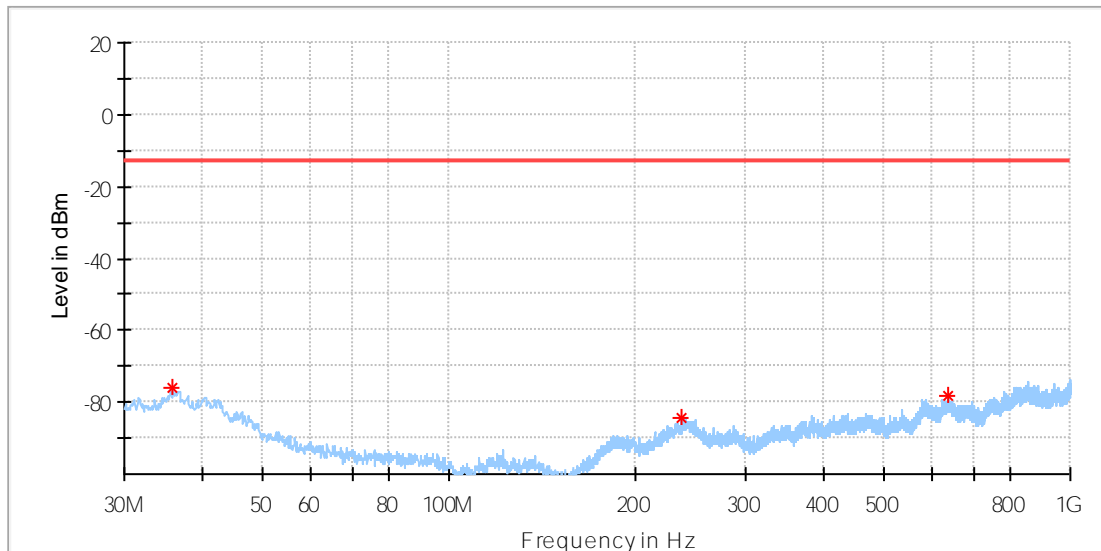
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.500000	-24.57	-13.00	11.57	100.0	V	212.0	-93.5
2144.500000	-36.70	-13.00	23.70	100.0	V	274.0	-87.9

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 1 @0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

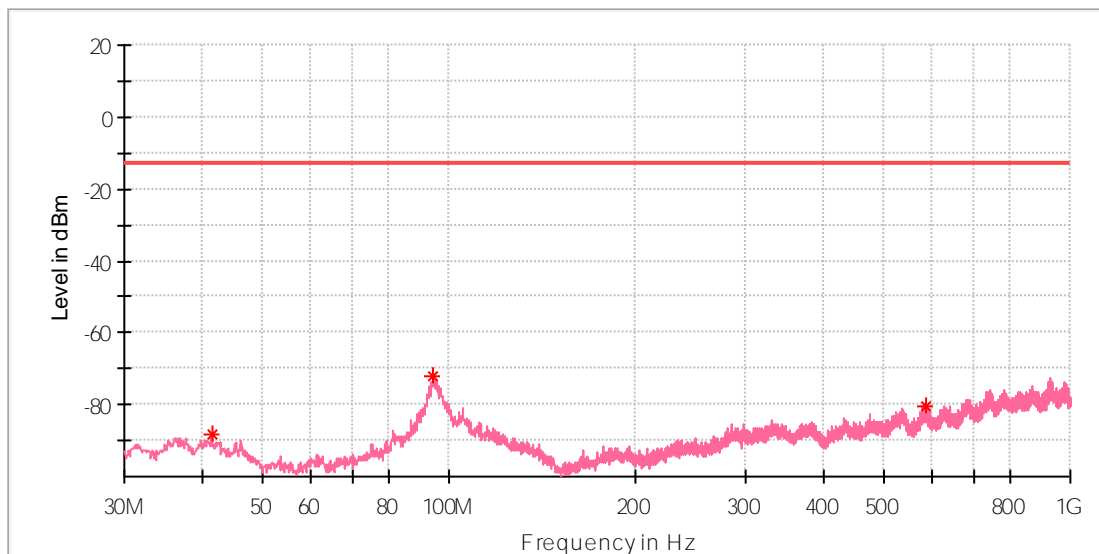


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.941250	-76.18	-13.00	63.18	100.0	H	254.0	-113.4
236.003750	-84.10	-13.00	71.10	100.0	H	356.0	-111.3
635.037500	-78.20	-13.00	65.20	100.0	H	128.0	-104.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

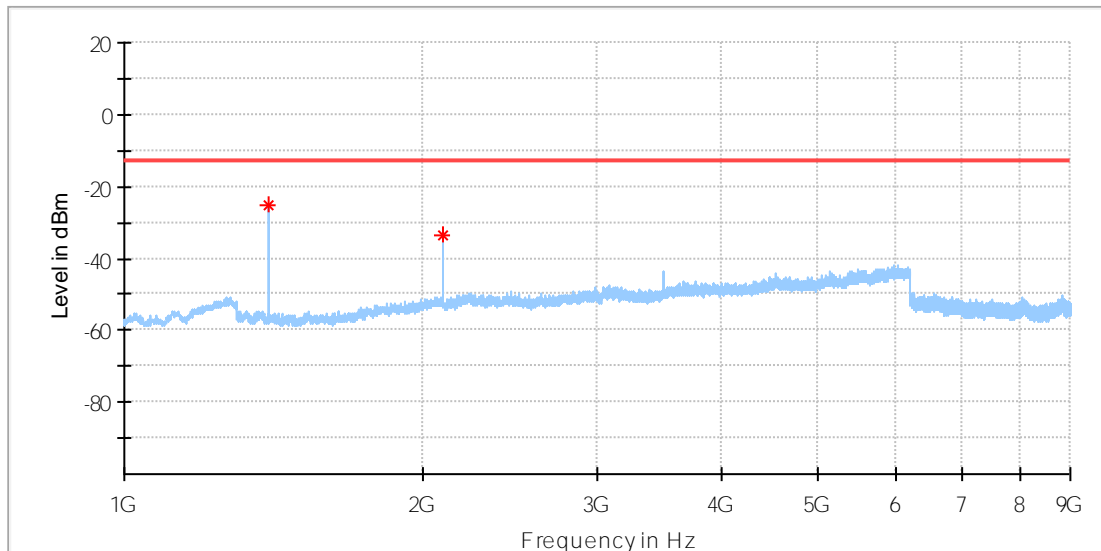
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.518750	-88.16	-13.00	75.16	100.0	V	0.0	-123.2
94.141250	-72.33	-13.00	59.33	100.0	V	265.0	-99.7
584.233750	-80.58	-13.00	67.58	100.0	V	342.0	-106.6

Produkte
 Products

Above 1 GHz
 Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 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

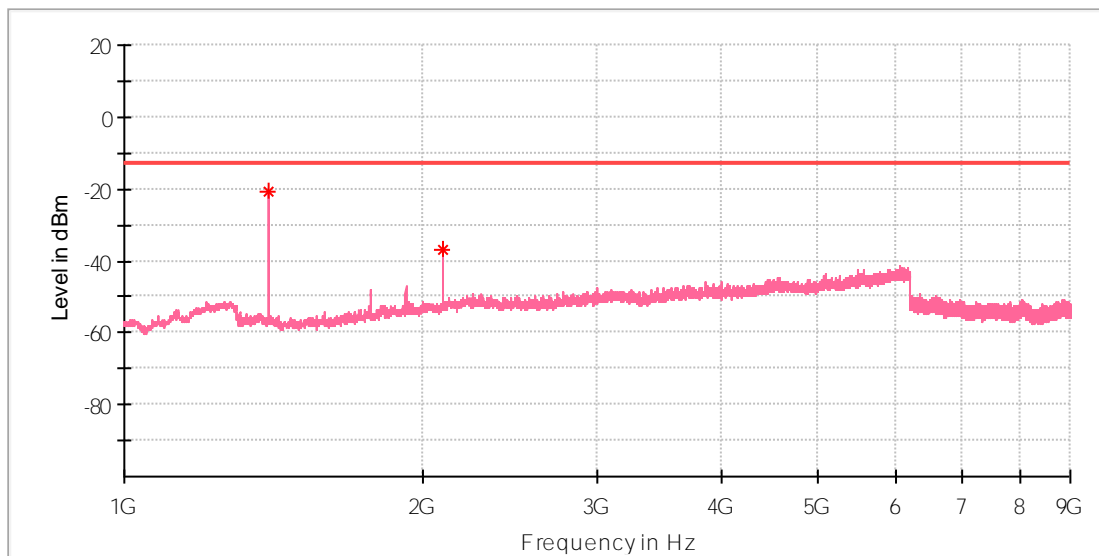


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-25.40	-13.00	12.40	100.0	H	44.0	-93.0
2097.500000	-33.51	-13.00	20.51	100.0	H	0.0	-88.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 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

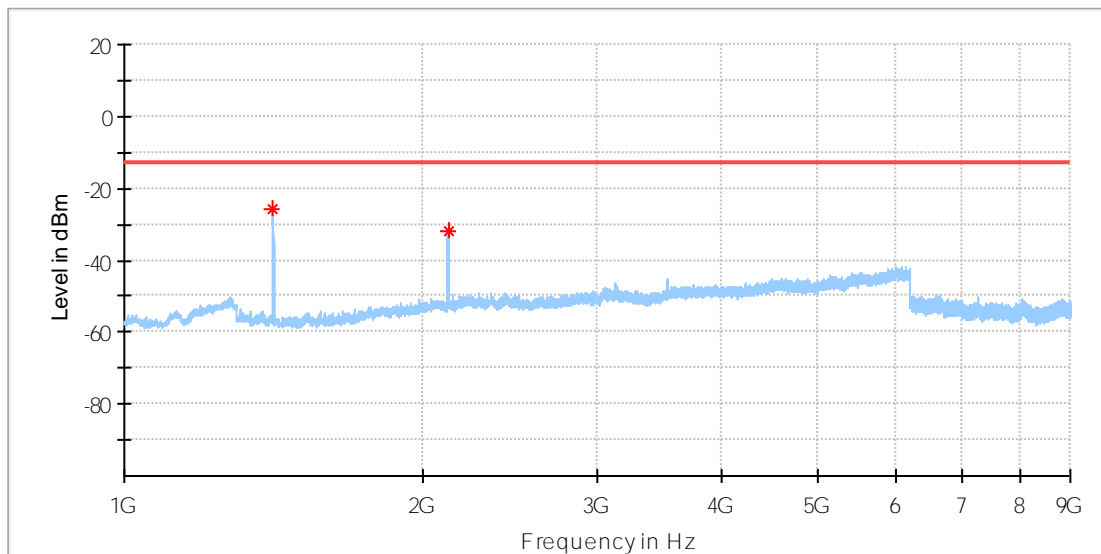
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-20.98	-13.00	7.98	100.0	V	98.0	-92.9
2097.500000	-37.12	-13.00	24.12	100.0	V	43.0	-88.6

Produkte
 Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 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

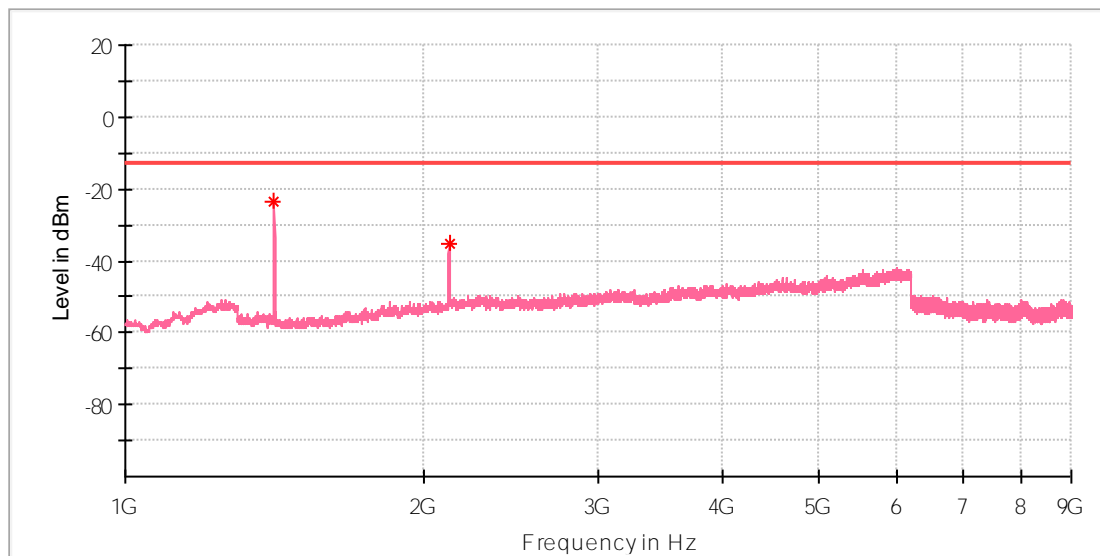


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-25.60	-13.00	12.60	100.0	H	43.0	-92.5
2121.000000	-31.88	-13.00	18.88	100.0	H	105.0	-88.6

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 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

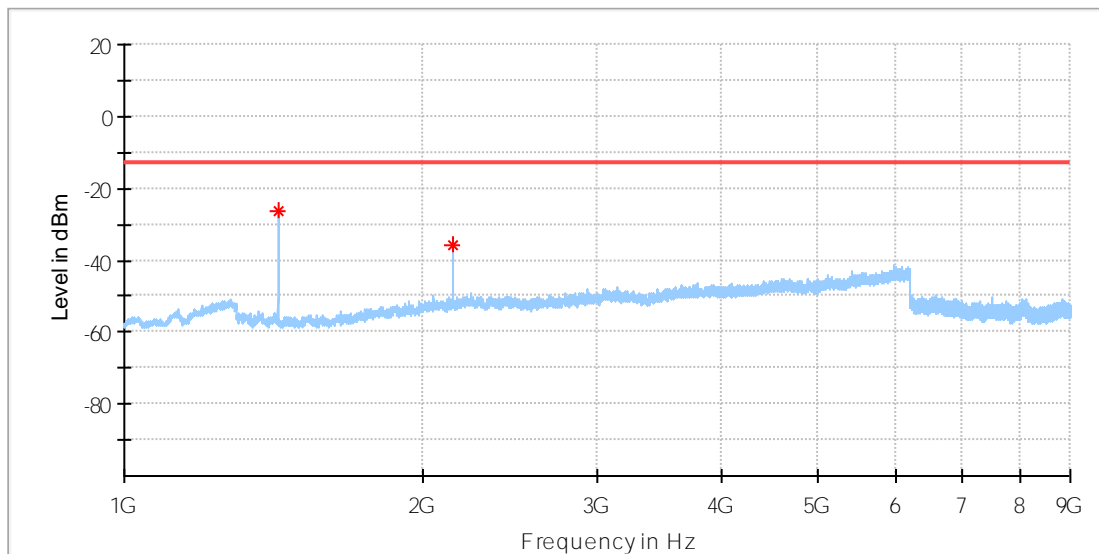
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.500000	-23.73	-13.00	10.73	100.0	V	100.0	-92.9
2121.000000	-35.21	-13.00	22.21	100.0	V	156.0	-88.1

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
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



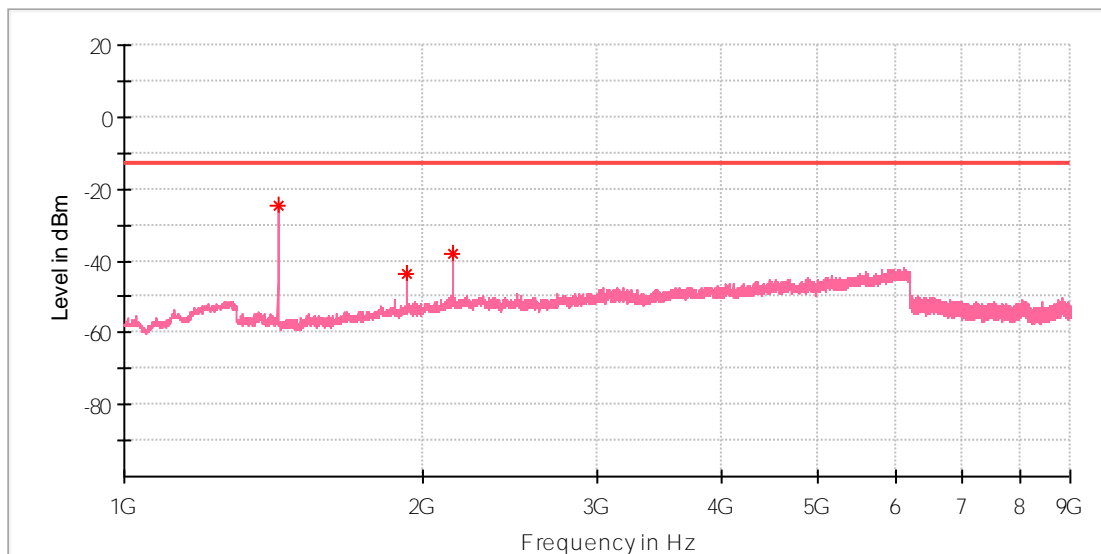
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.500000	-26.55	-13.00	13.55	100.0	H	77.0	-93.4
2144.500000	-35.61	-13.00	22.61	100.0	H	91.0	-88.5

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
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

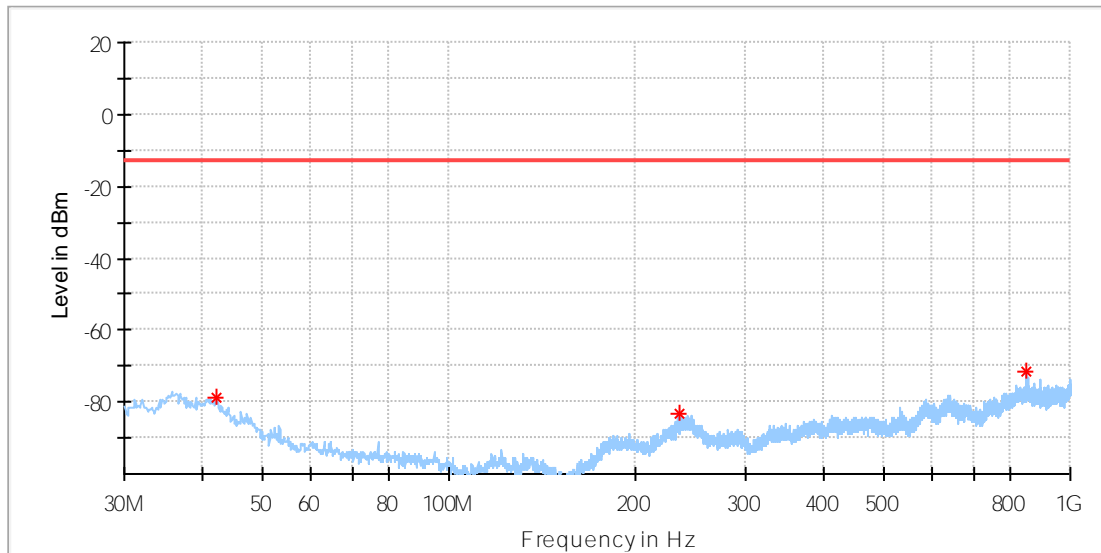
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.500000	-24.51	-13.00	11.51	100.0	V	86.0	-93.5
1928.500000	-43.35	-13.00	30.35	100.0	V	142.0	-89.4
2144.500000	-38.21	-13.00	25.21	100.0	V	107.0	-87.9

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

Test Result of QPSK modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



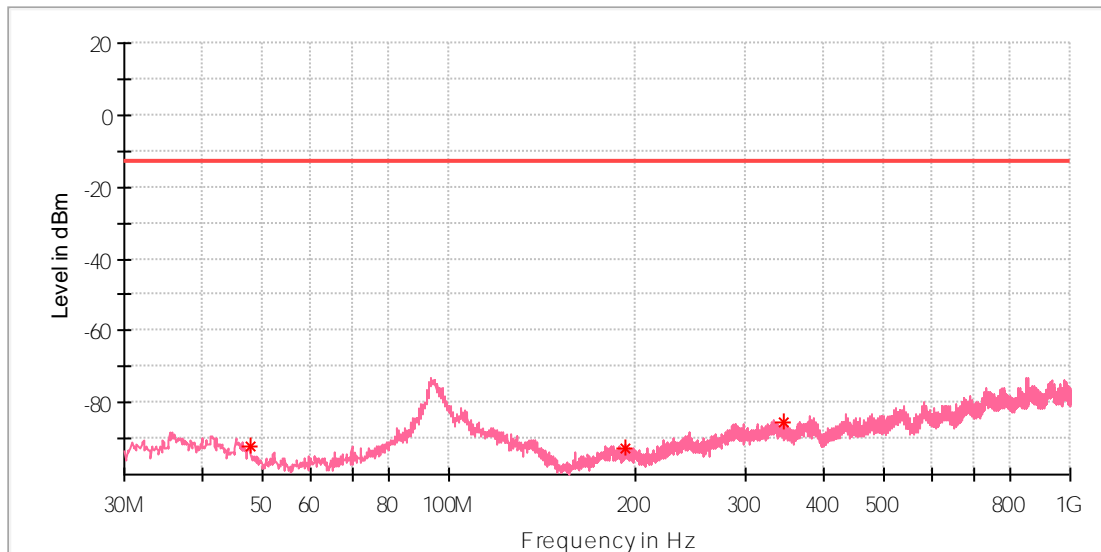
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.367500	-78.98	-13.00	65.98	100.0	H	359.0	-112.4
234.063750	-83.48	-13.00	70.48	100.0	H	17.0	-111.8
851.711250	-71.76	-13.00	58.76	100.0	H	129.0	-100.2

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M QPSK 1 @0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

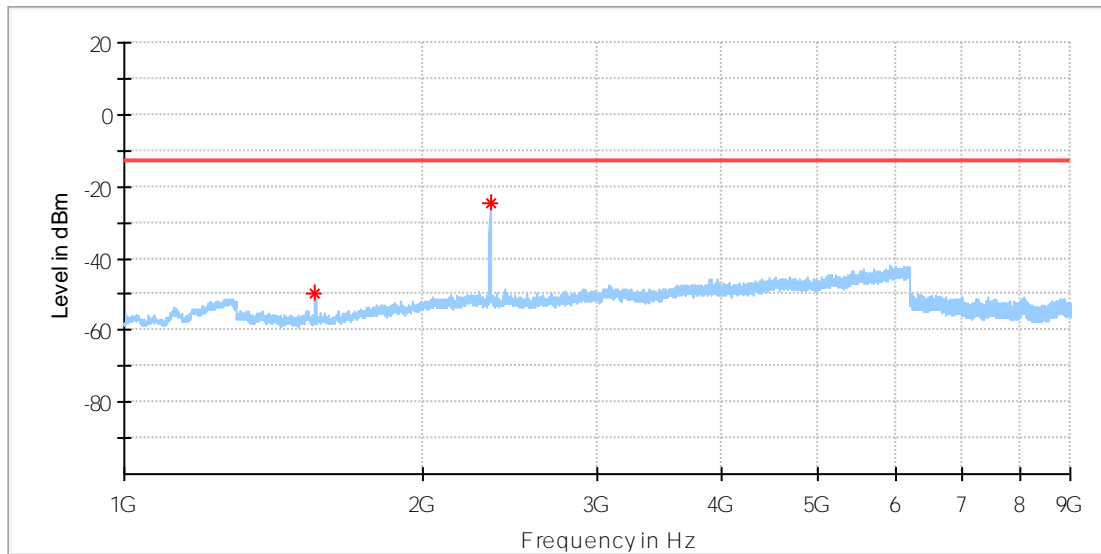
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
47.823750	-91.99	-13.00	78.99	100.0	V	0.0	-123.4
192.232500	-92.78	-13.00	79.78	100.0	V	97.0	-118.6
345.977500	-85.42	-13.00	72.42	100.0	V	227.0	-111.0

Produkte
 Products

Above 1 GHz
 Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M 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

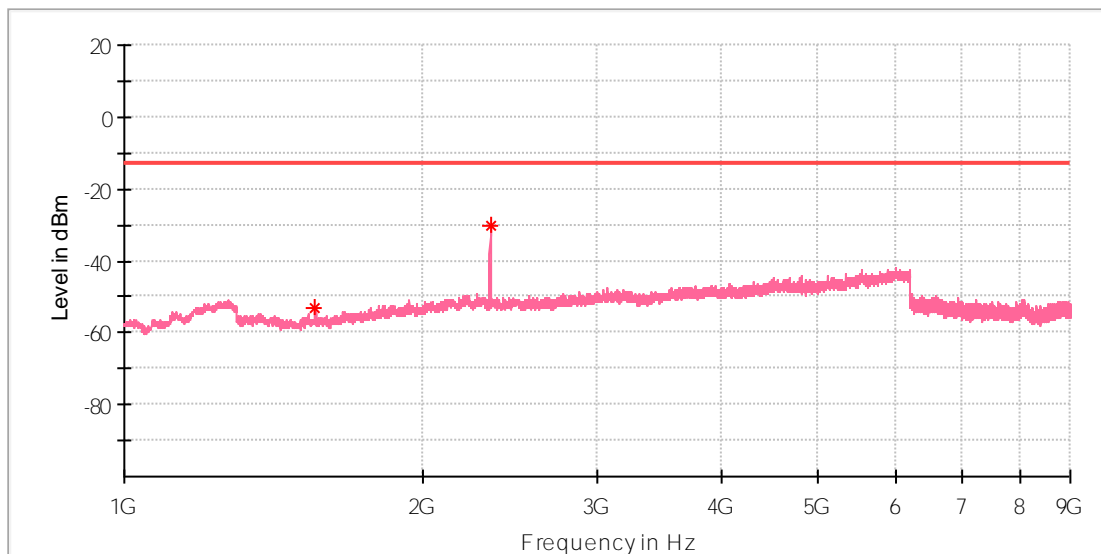


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-49.69	-13.00	36.69	100.0	H	107.0	-92.9
2339.500000	-24.76	-13.00	11.76	100.0	H	100.0	-87.6

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M 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

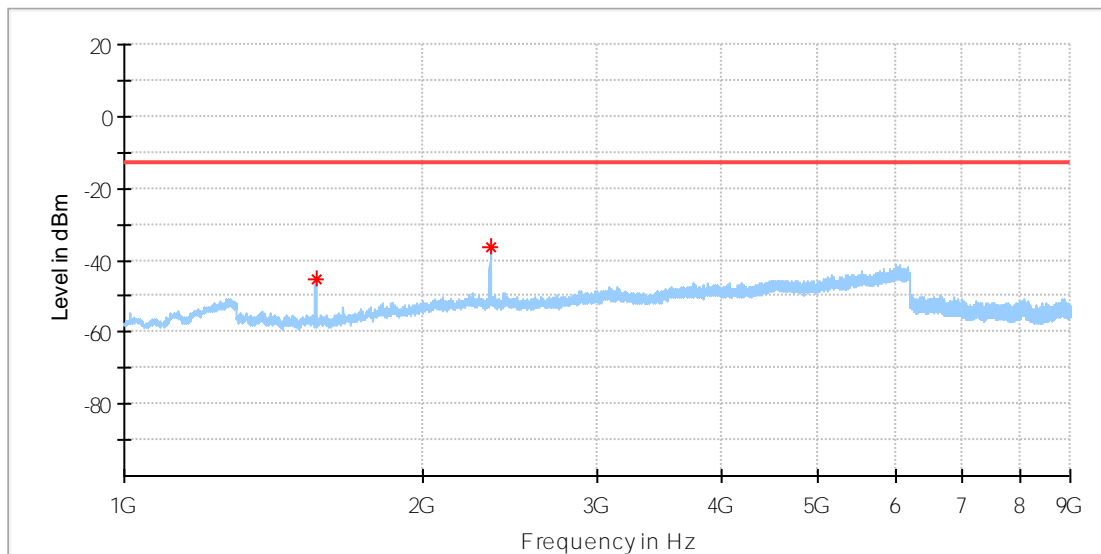
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-53.34	-13.00	40.34	100.0	V	99.0	-92.9
2339.500000	-29.96	-13.00	16.96	100.0	V	92.0	-87.9

Produkte
 Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M 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

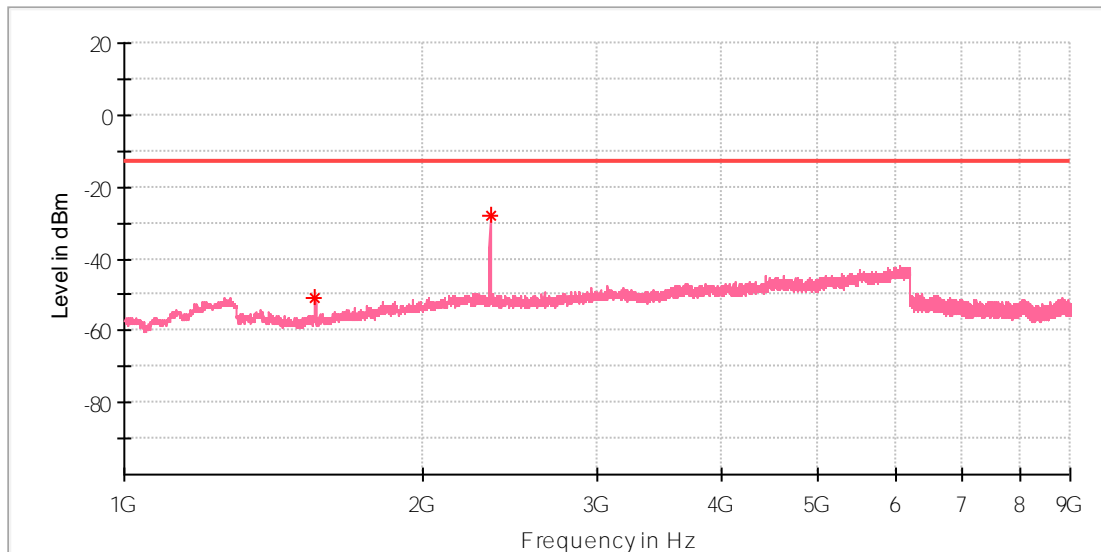


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1560.000000	-45.19	-13.00	32.19	100.0	H	336.0	-93.0
2339.500000	-36.34	-13.00	23.34	100.0	H	30.0	-87.6

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M 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)
1559.500000	-50.86	-13.00	37.86	100.0	V	108.0	-92.9
2339.000000	-27.86	-13.00	14.86	100.0	V	101.0	-87.9