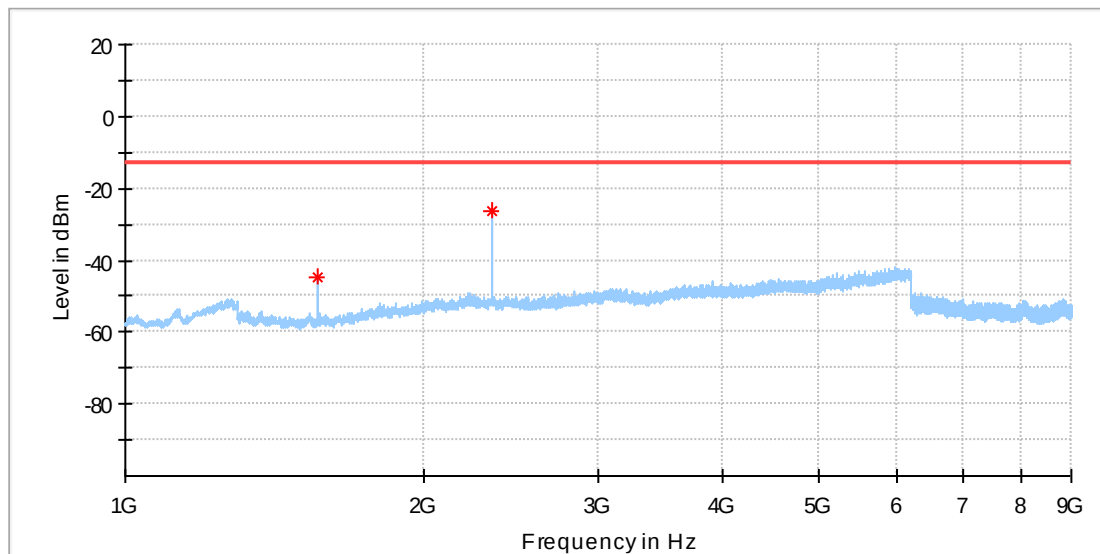


Produkte
Products

High Channel

EUT Information

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

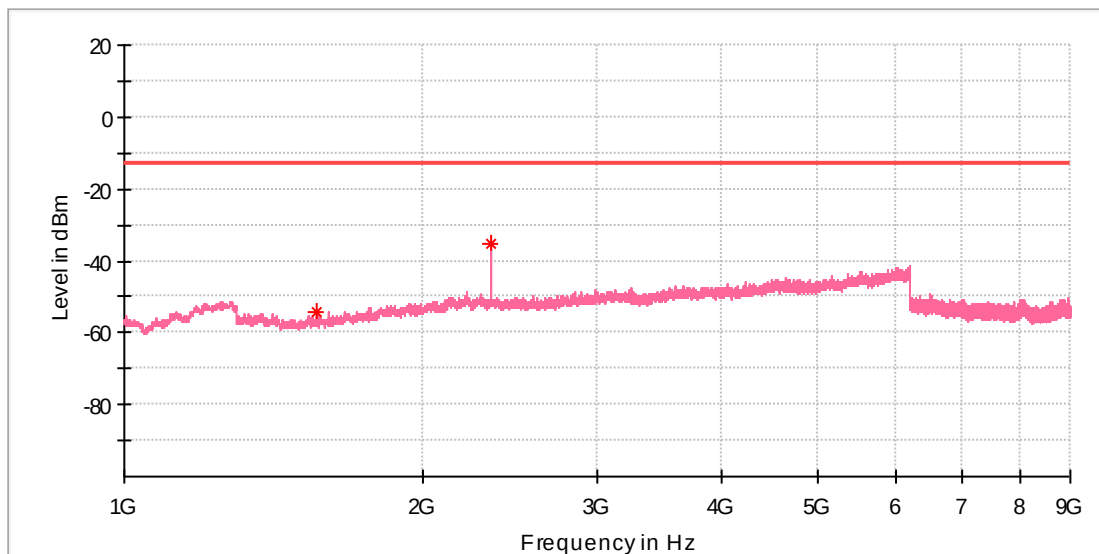


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1564.000000	-44.66	-13.00	31.66	100.0	H	100.0	-93.0
2346.500000	-26.59	-13.00	13.59	100.0	H	37.0	-87.5

EUT Information

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

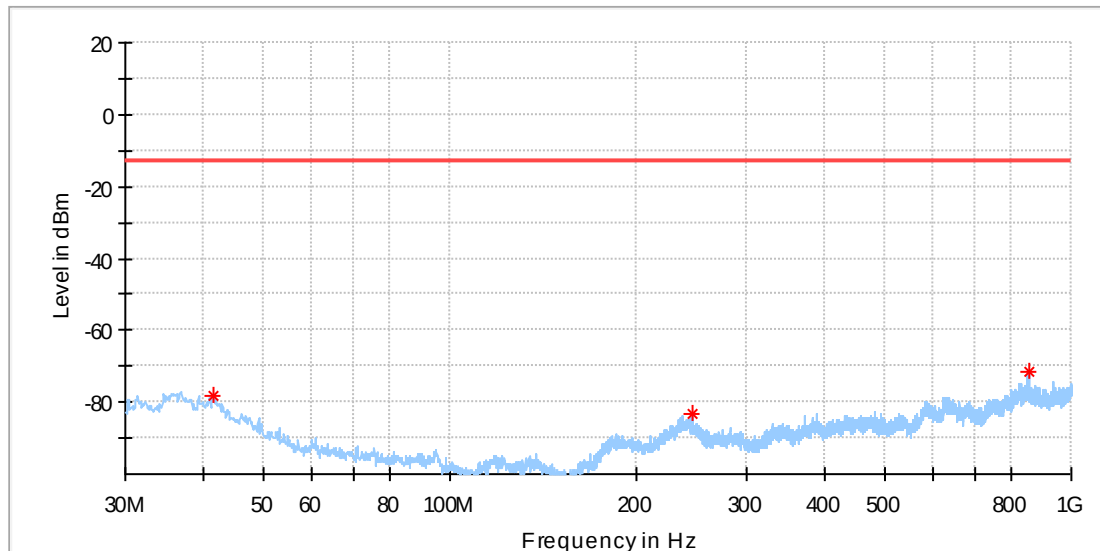
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1565.000000	-54.40	-13.00	41.40	100.0	V	317.0	-93.0
2347.000000	-35.18	-13.00	22.18	100.0	V	62.0	-87.8

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

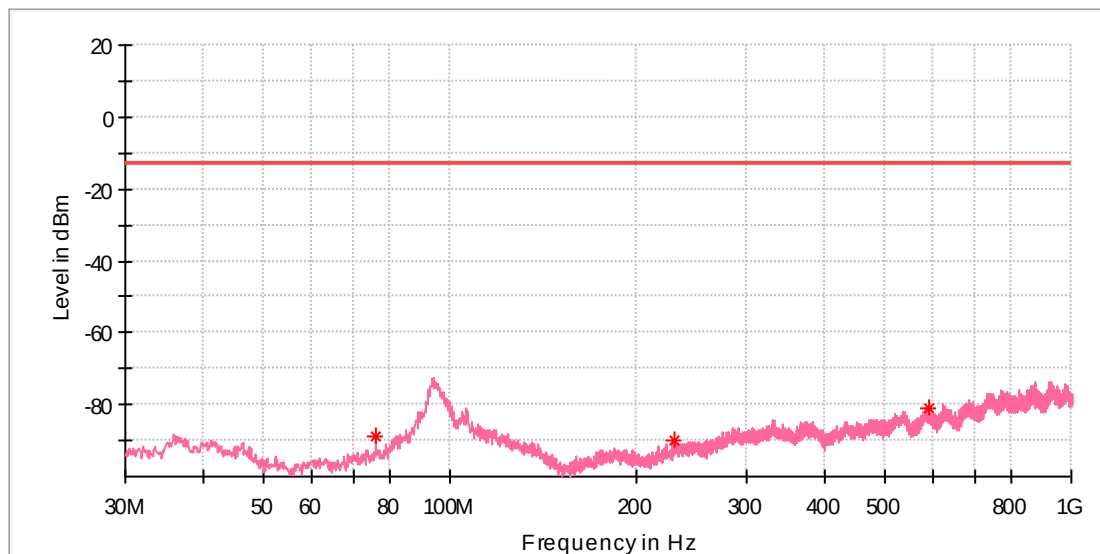


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.640000	-78.46	-13.00	65.46	100.0	H	158.0	-112.1
244.855000	-83.29	-13.00	70.29	100.0	H	51.0	-110.0
852.560000	-71.61	-13.00	58.61	100.0	H	326.0	-100.2

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

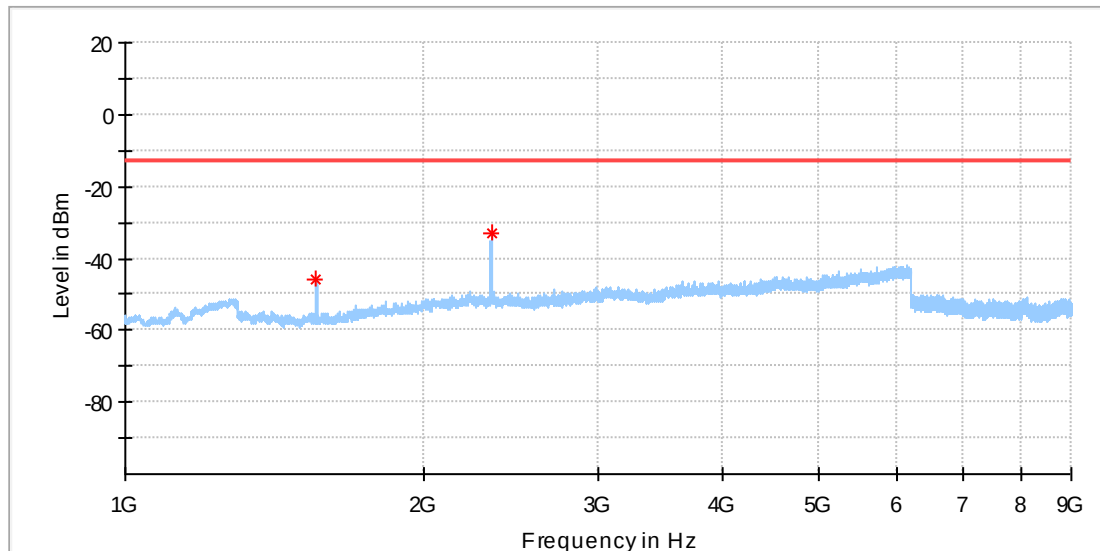
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
75.953750	-89.10	-13.00	76.10	100.0	V	359.0	-122.2
229.577500	-89.83	-13.00	76.83	100.0	V	0.0	-117.5
588.113750	-80.99	-13.00	67.99	100.0	V	282.0	-106.7

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

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



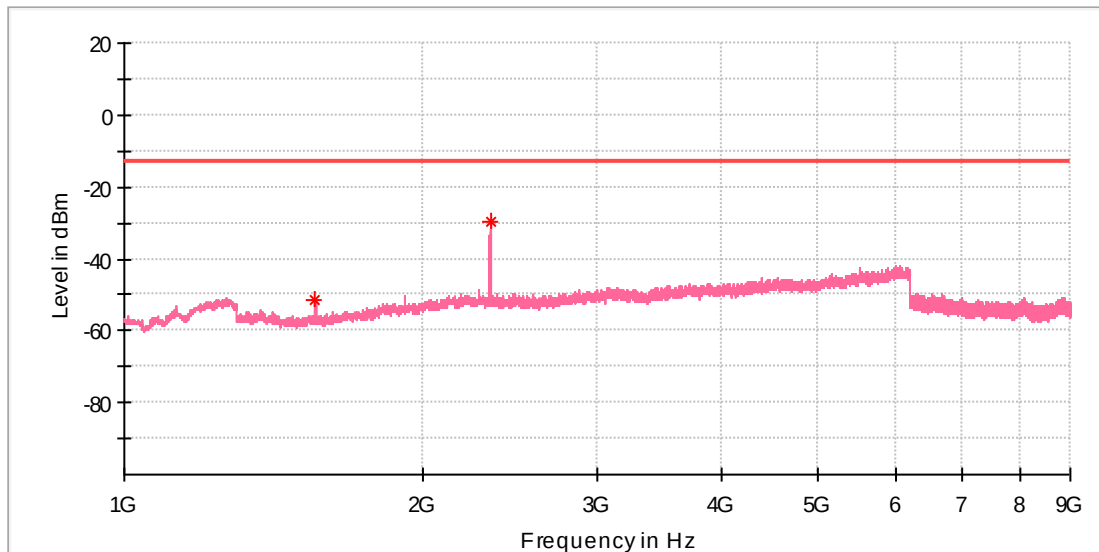
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-45.72	-13.00	32.72	100.0	H	93.0	-92.9
2339.500000	-33.02	-13.00	20.02	100.0	H	5.0	-87.6

Produkte
Products

EUT Information

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

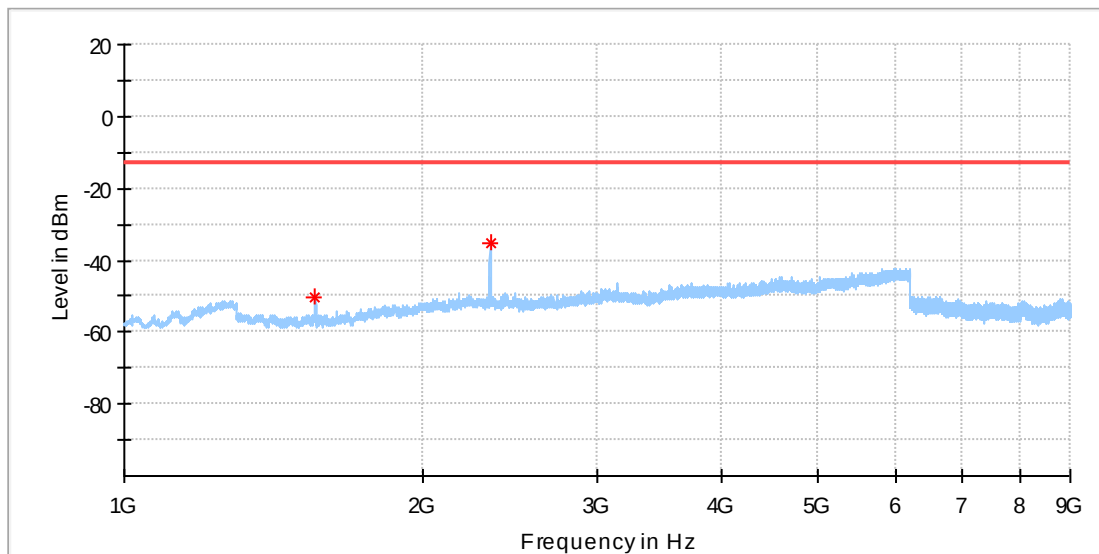
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.000000	-51.25	-13.00	38.25	100.0	V	73.0	-92.9
2339.500000	-29.42	-13.00	16.42	100.0	V	115.0	-87.9

Produkte
Products

Mid Channel

EUT Information

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

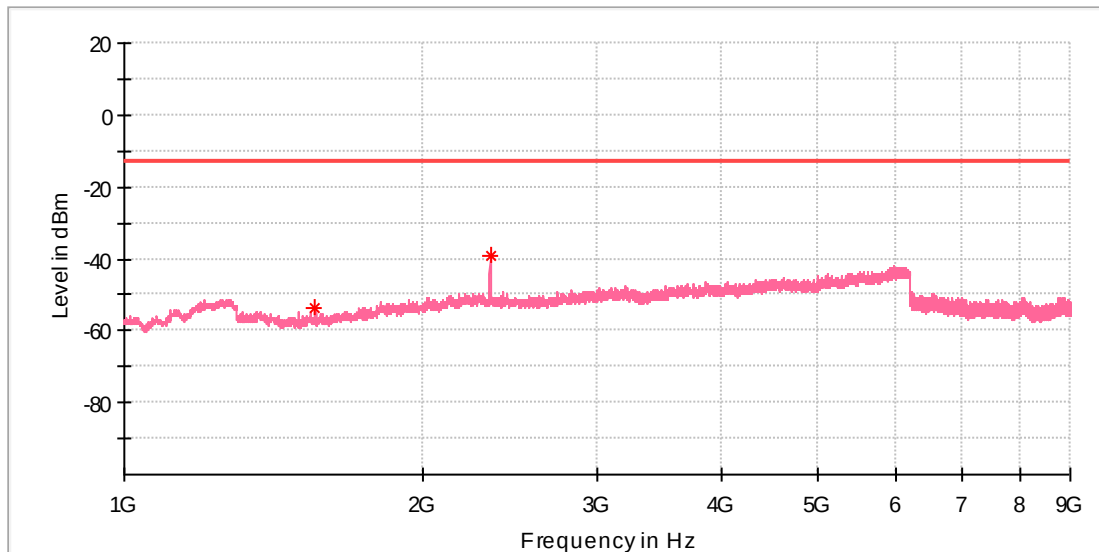


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-50.43	-13.00	37.43	100.0	H	322.0	-92.9
2339.000000	-35.35	-13.00	22.35	100.0	H	100.0	-87.6

EUT Information

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

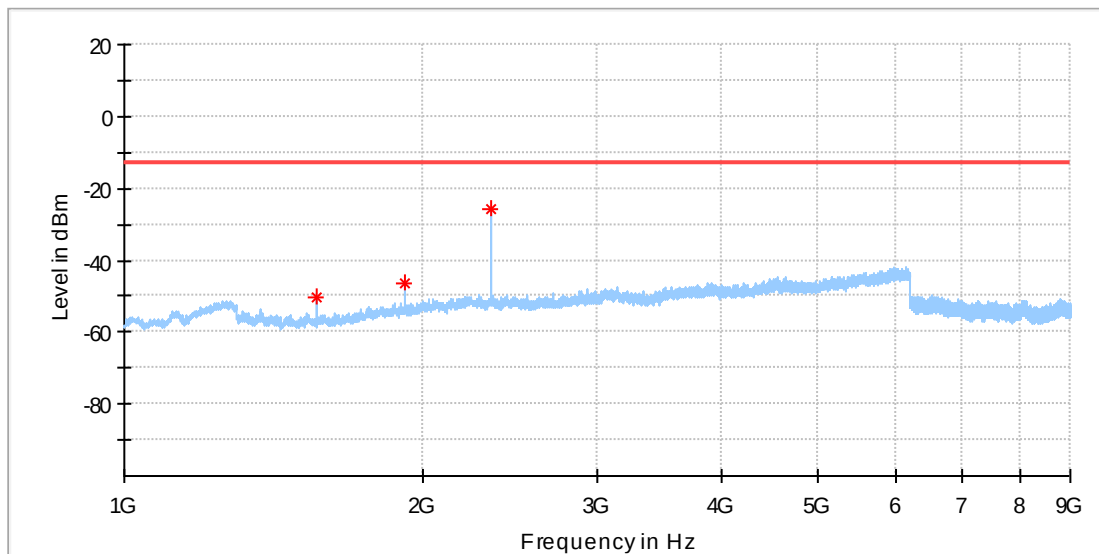
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-53.81	-13.00	40.81	100.0	V	317.0	-92.9
2339.500000	-39.17	-13.00	26.17	100.0	V	206.0	-87.9

Produkte
Products

High Channel

EUT Information

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

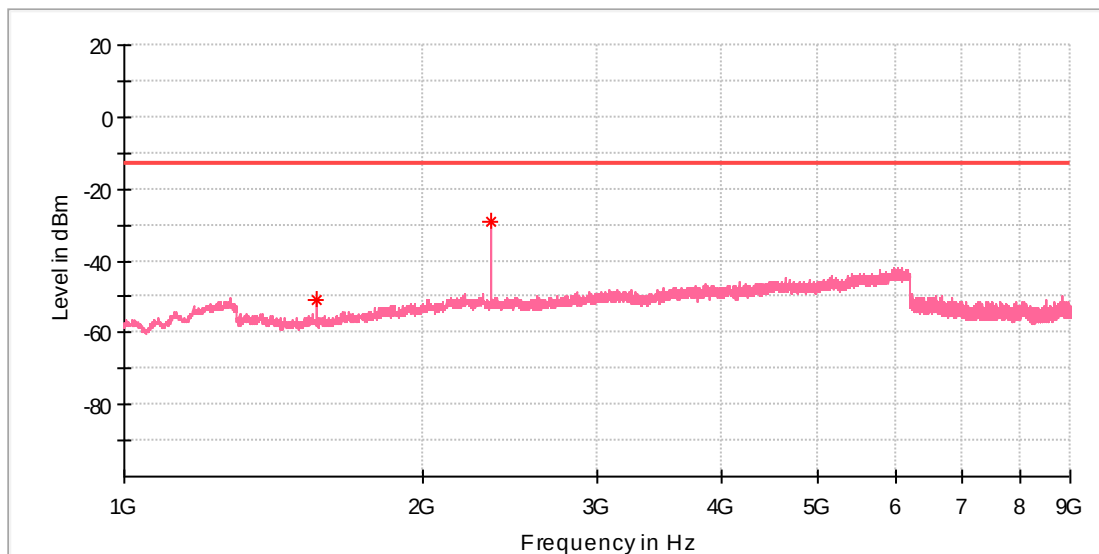


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1564.500000	-50.48	-13.00	37.48	100.0	H	78.0	-93.0
1922.500000	-46.48	-13.00	33.48	100.0	H	353.0	-90.1
2347.000000	-25.60	-13.00	12.60	100.0	H	64.0	-87.5

EUT Information

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

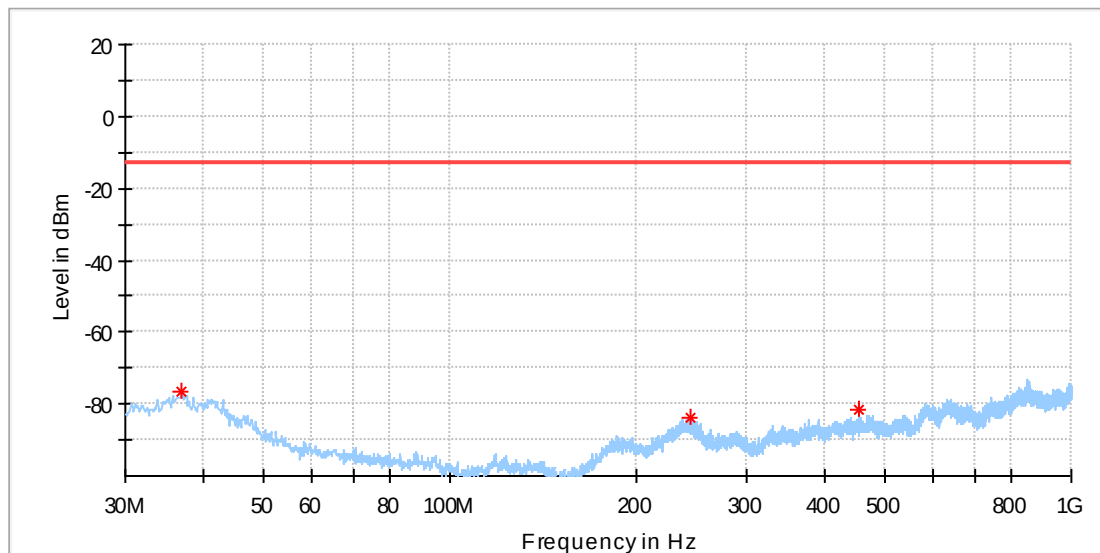
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1564.500000	-51.14	-13.00	38.14	100.0	V	115.0	-93.0
2347.000000	-28.94	-13.00	15.94	100.0	V	143.0	-87.8

Appendix K.6: Field Strength of Spurious Radiation for Band 25

Test Result of QPSK modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

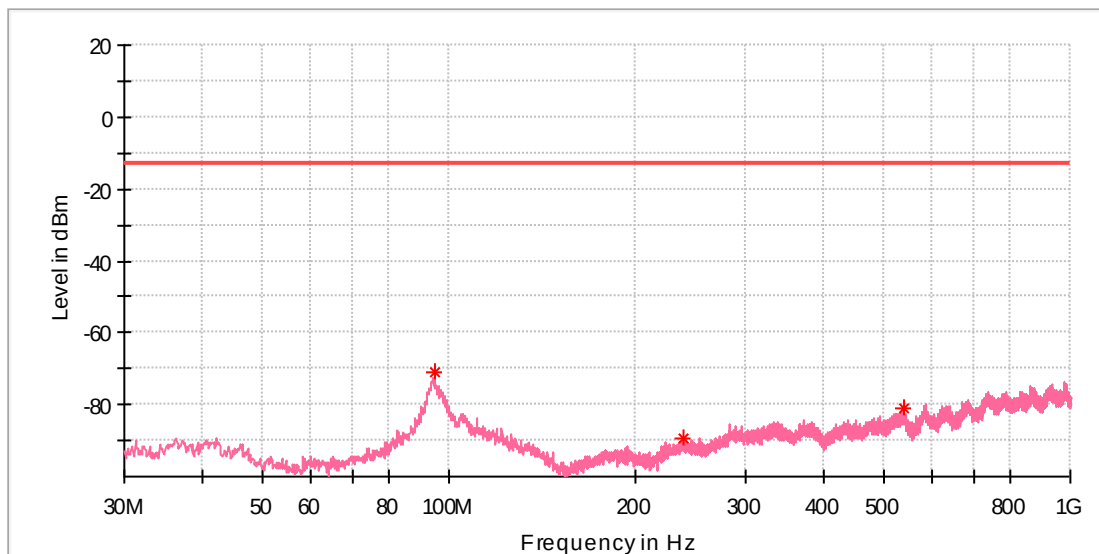


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.032500	-76.64	-13.00	63.64	100.0	H	231.0	-113.3
244.612500	-83.59	-13.00	70.59	100.0	H	267.0	-110.0
453.890000	-81.76	-13.00	68.76	100.0	H	70.0	-108.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 5M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

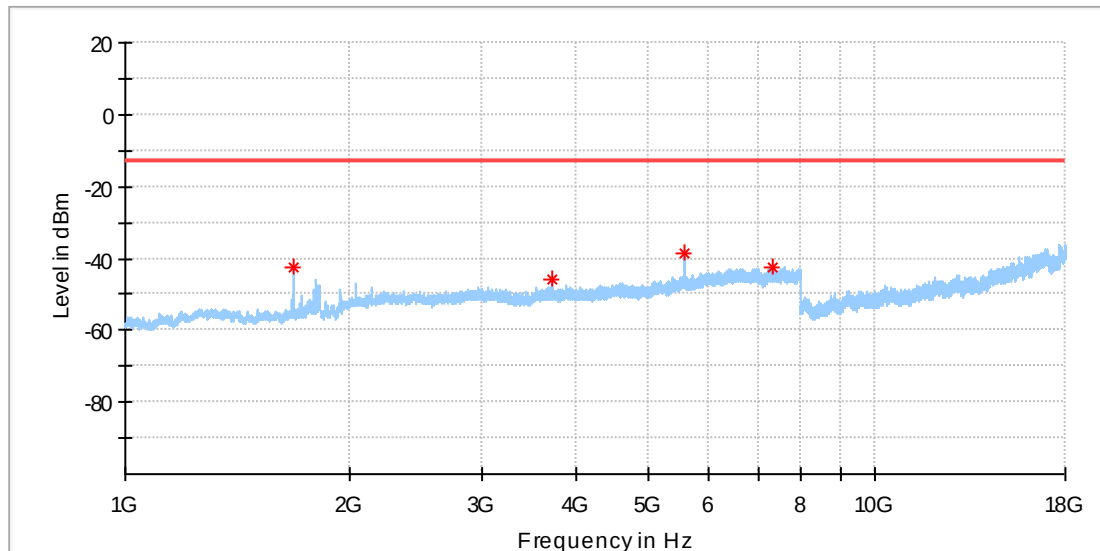
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.990000	-71.25	-13.00	58.25	100.0	V	315.0	-99.6
238.428750	-89.53	-13.00	76.53	100.0	V	45.0	-116.4
539.371250	-80.89	-13.00	67.89	100.0	V	234.0	-107.6

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

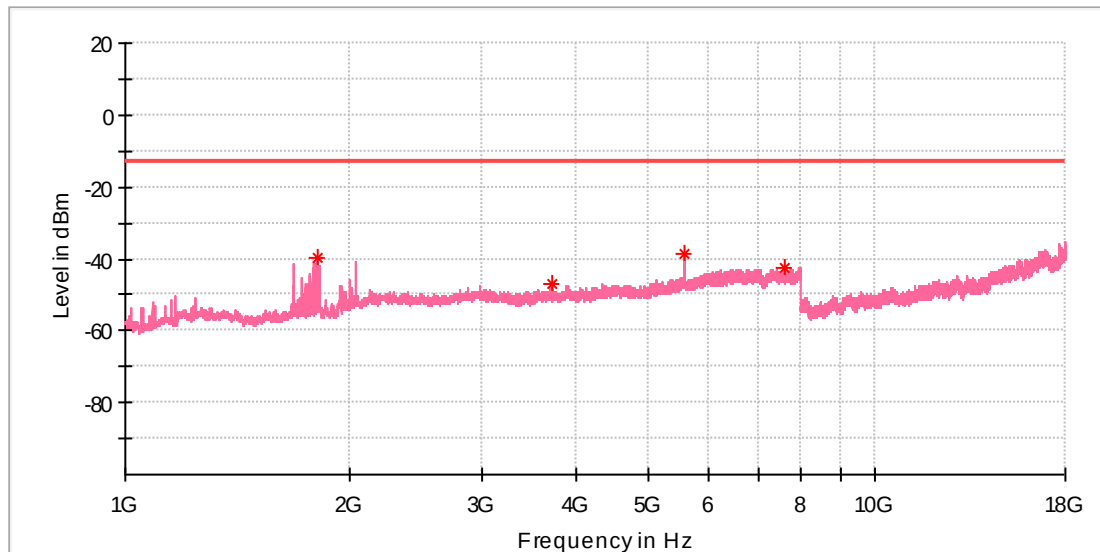


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1678.500000	-42.29	-13.00	29.29	100.0	H	268.0	-92.4
3710.500000	-45.93	-13.00	32.93	100.0	H	308.0	-86.8
5566.000000	-38.73	-13.00	25.73	100.0	H	329.0	-83.3
7315.500000	-42.28	-13.00	29.28	100.0	H	322.0	-80.0

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



Critical_Freqs

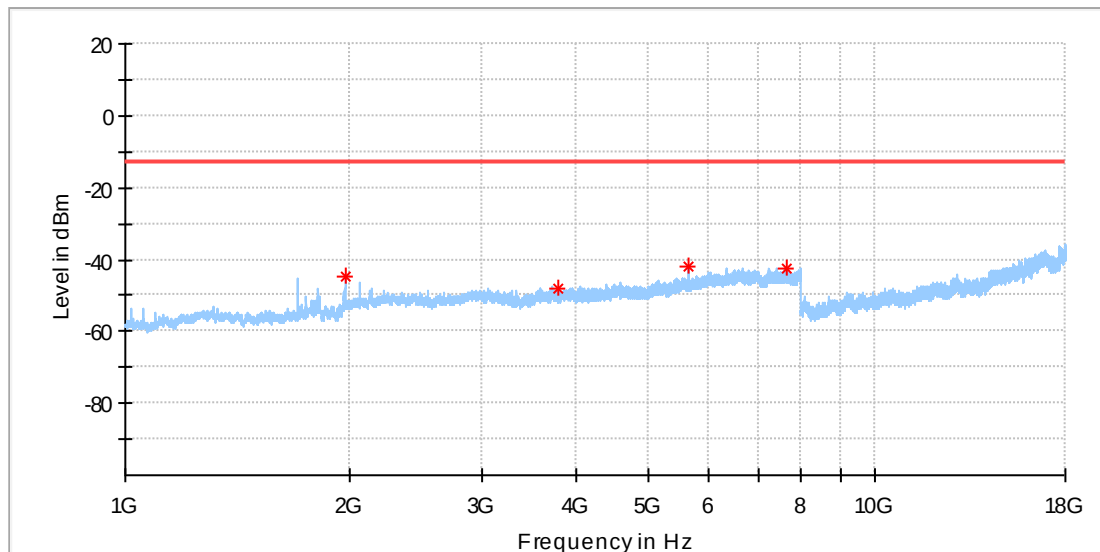
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1807.500000	-39.89	-13.00	26.89	100.0	V	294.0	-90.4
3711.000000	-46.70	-13.00	33.70	100.0	V	130.0	-86.7
5566.000000	-38.47	-13.00	25.47	100.0	V	10.0	-83.3
7600.500000	-42.33	-13.00	29.33	100.0	V	24.0	-79.4

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

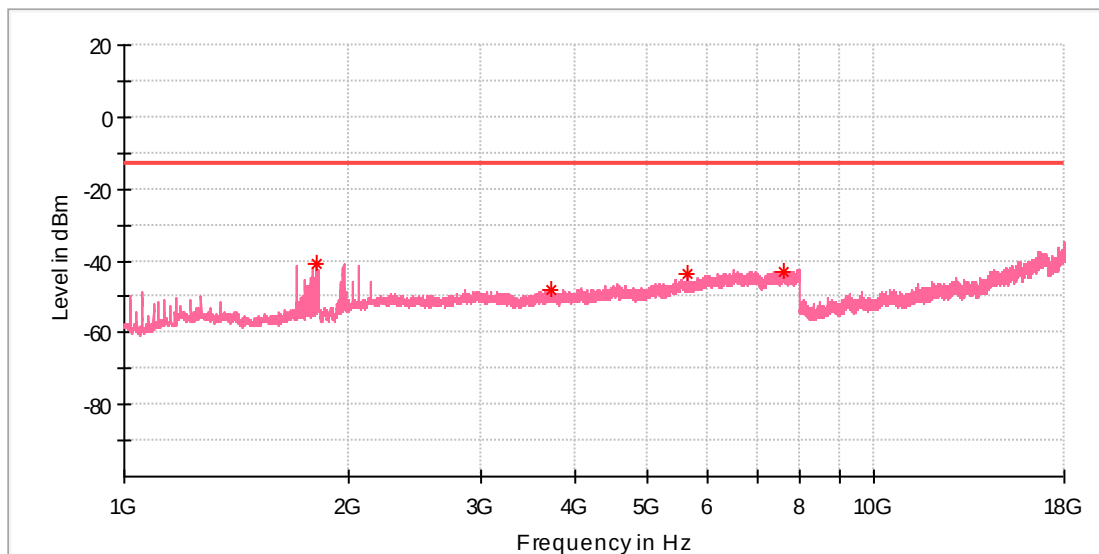


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1964.500000	-44.82	-13.00	31.82	100.0	H	124.0	-89.6
3777.000000	-48.03	-13.00	35.03	100.0	H	178.0	-86.6
5641.500000	-41.98	-13.00	28.98	100.0	H	66.0	-83.8
7650.000000	-42.64	-13.00	29.64	100.0	H	129.0	-79.7

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



Critical_Freqs

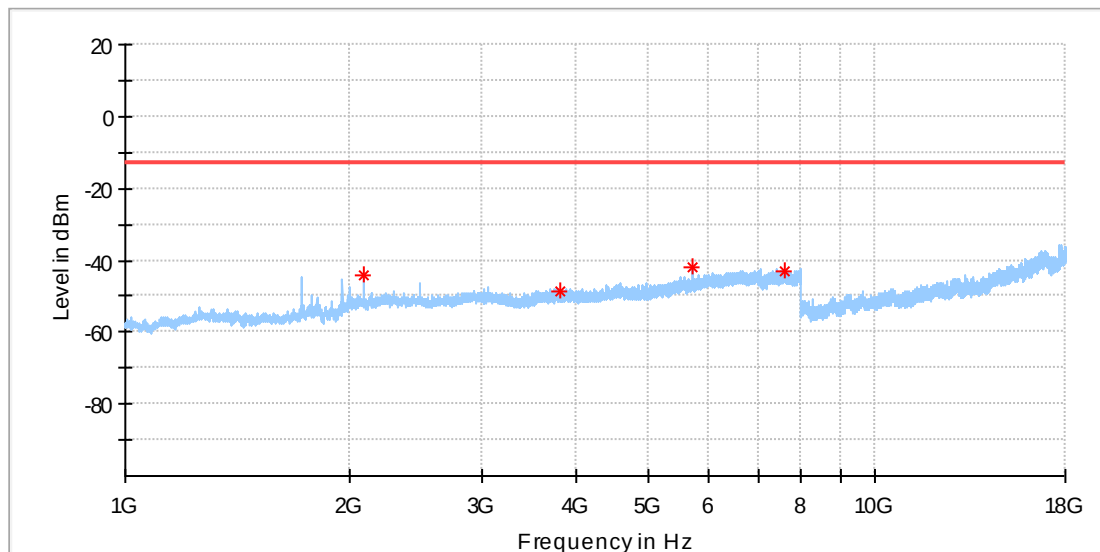
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1812.000000	-40.90	-13.00	27.90	100.0	V	303.0	-90.1
3708.000000	-48.23	-13.00	35.23	100.0	V	178.0	-86.7
5641.000000	-43.82	-13.00	30.82	100.0	V	11.0	-83.8
7604.000000	-42.99	-13.00	29.99	100.0	V	157.0	-79.3

Produkte
Products

High Channel

EUT Information

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

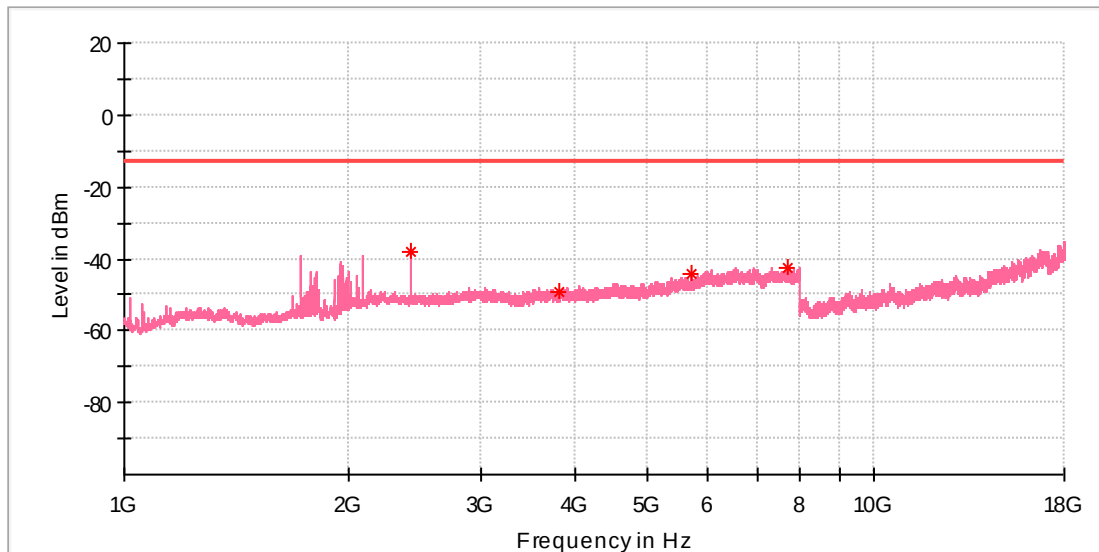


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2087.000000	-44.31	-13.00	31.31	100.0	H	324.0	-88.6
3810.000000	-48.51	-13.00	35.51	100.0	H	0.0	-86.8
5716.000000	-41.77	-13.00	28.77	100.0	H	336.0	-83.5
7605.000000	-43.25	-13.00	30.25	100.0	H	128.0	-79.5

EUT Information

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

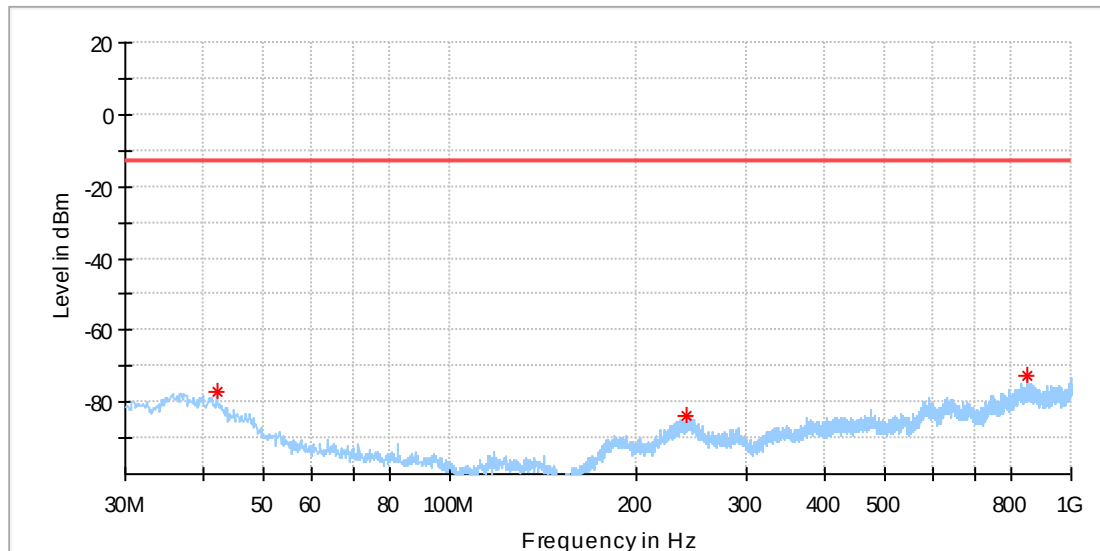
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2416.000000	-37.85	-13.00	24.85	100.0	V	252.0	-88.0
3810.000000	-49.14	-13.00	36.14	100.0	V	182.0	-87.0
5716.500000	-44.24	-13.00	31.24	100.0	V	10.0	-83.6
7678.000000	-42.31	-13.00	29.31	100.0	V	182.0	-79.8

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



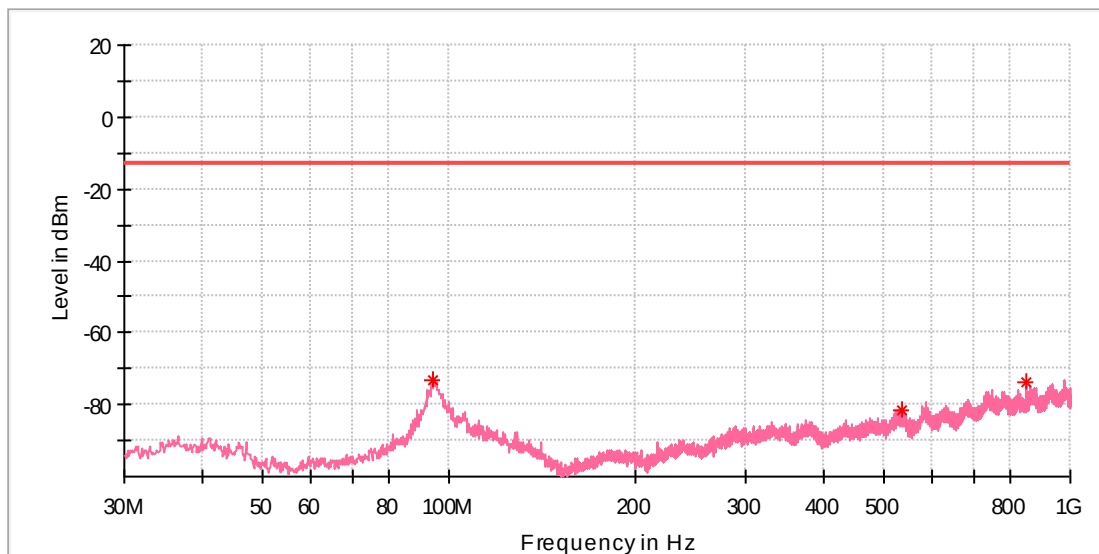
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.125000	-77.28	-13.00	64.28	100.0	H	273.0	-112.3
240.975000	-83.68	-13.00	70.68	100.0	H	114.0	-110.3
851.590000	-72.48	-13.00	59.48	100.0	H	0.0	-100.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 5M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

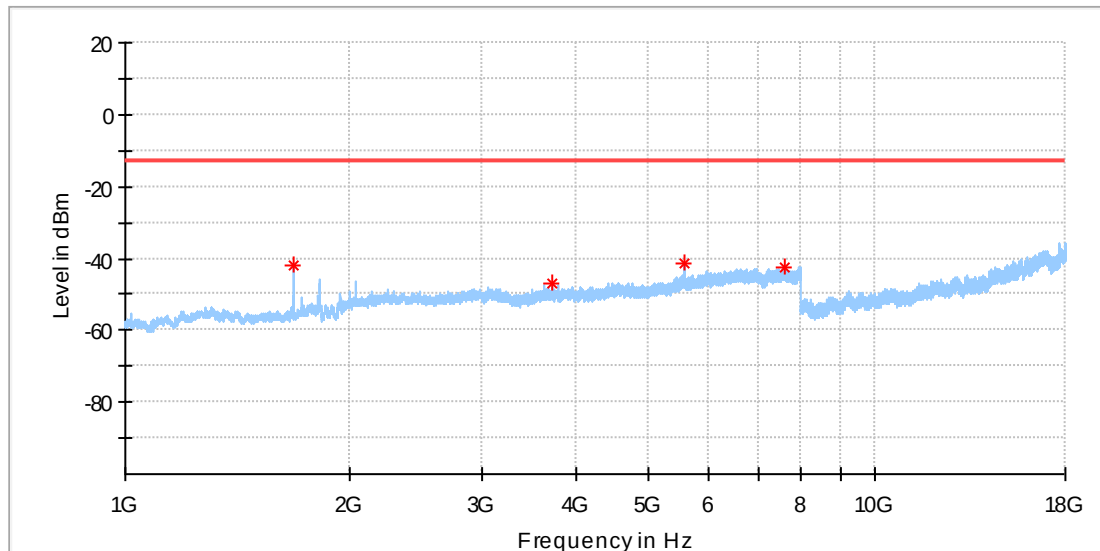
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.020000	-73.20	-13.00	60.20	100.0	V	88.0	-99.9
534.642500	-81.34	-13.00	68.34	100.0	V	227.0	-107.6
851.590000	-74.02	-13.00	61.02	100.0	V	57.0	-102.2

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

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

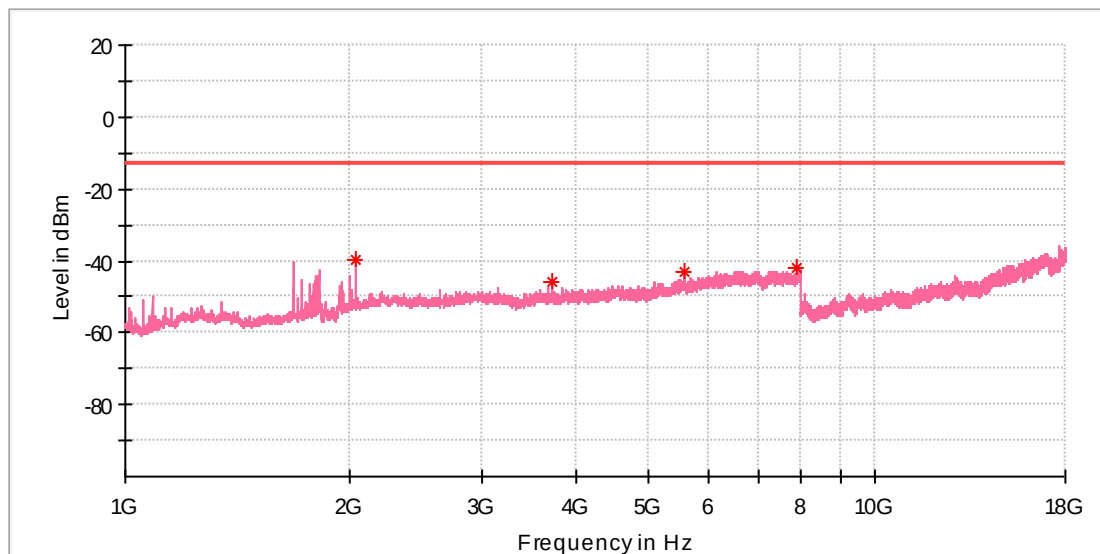


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1678.500000	-42.15	-13.00	29.15	100.0	H	272.0	-92.4
3711.000000	-46.79	-13.00	33.79	100.0	H	149.0	-86.8
5566.000000	-41.29	-13.00	28.29	100.0	H	0.0	-83.3
7598.000000	-42.29	-13.00	29.29	100.0	H	323.0	-79.5

EUT Information

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

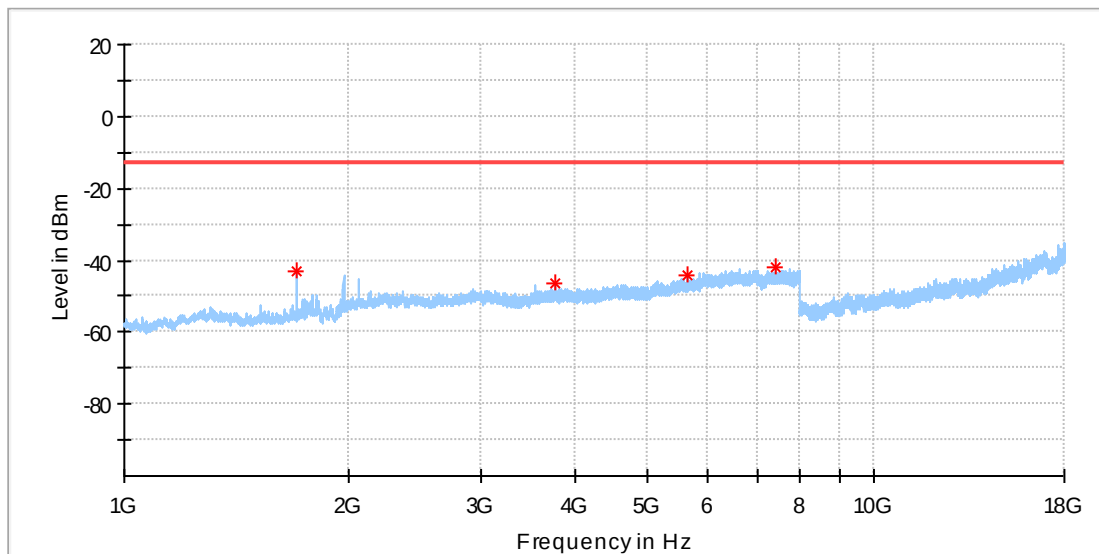
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2032.000000	-39.82	-13.00	26.82	100.0	V	305.0	-88.7
3710.500000	-46.09	-13.00	33.09	100.0	V	286.0	-86.7
5566.000000	-42.80	-13.00	29.80	100.0	V	95.0	-83.3
7880.000000	-42.20	-13.00	29.20	100.0	V	348.0	-79.5

Produkte
Products

Mid Channel

EUT Information

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

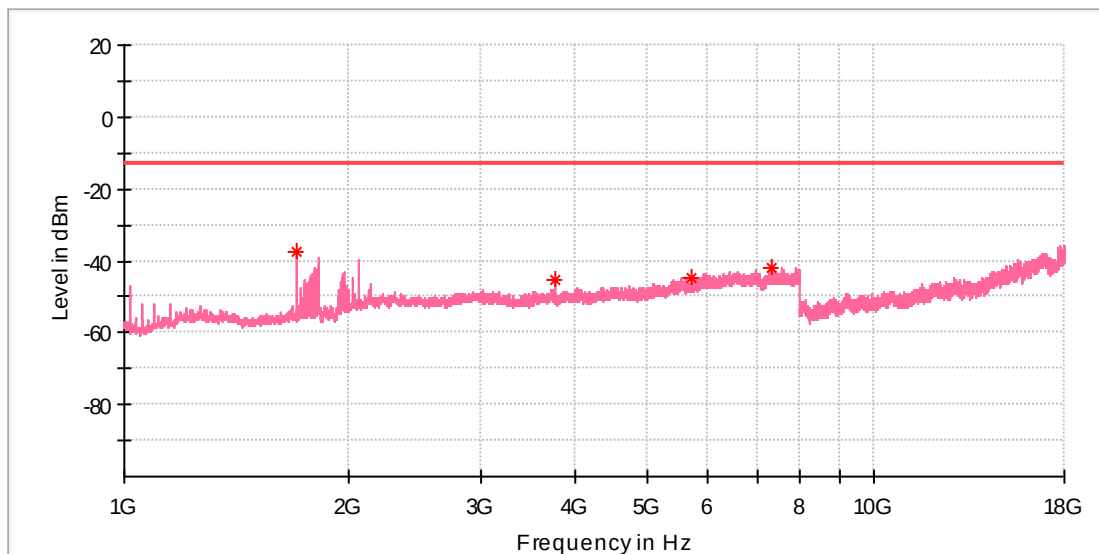


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1701.500000	-43.00	-13.00	30.00	100.0	H	201.0	-92.3
3760.500000	-46.61	-13.00	33.61	100.0	H	136.0	-86.6
5641.000000	-44.07	-13.00	31.07	100.0	H	329.0	-83.8
7389.000000	-42.03	-13.00	29.03	100.0	H	108.0	-79.8

EUT Information

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

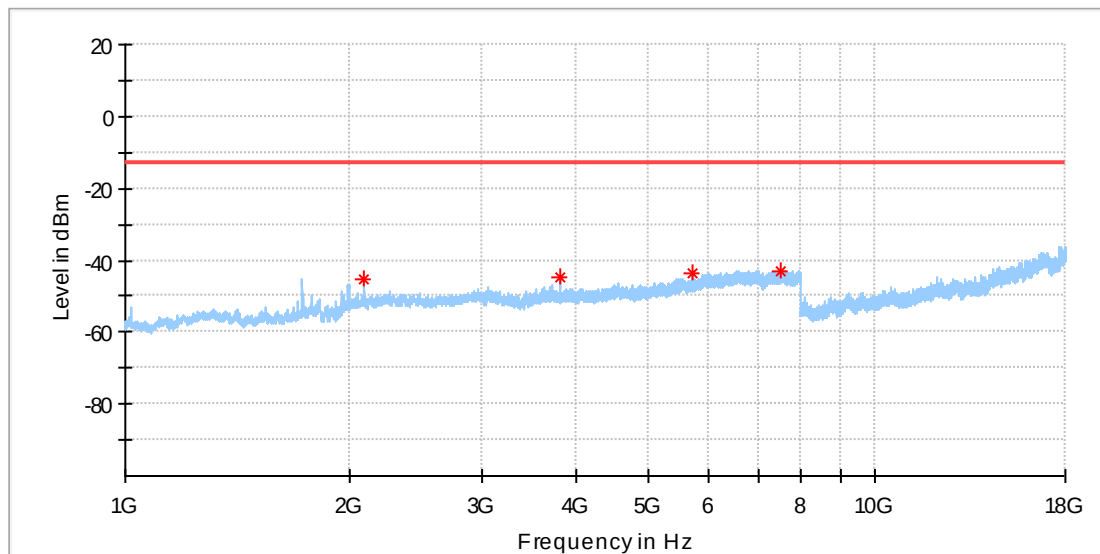
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1701.500000	-37.69	-13.00	24.69	100.0	V	174.0	-92.0
3760.500000	-45.57	-13.00	32.57	100.0	V	133.0	-87.0
5705.000000	-44.68	-13.00	31.68	100.0	V	237.0	-83.5
7316.000000	-41.74	-13.00	28.74	100.0	V	237.0	-79.8

Produkte
Products

High Channel

EUT Information

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

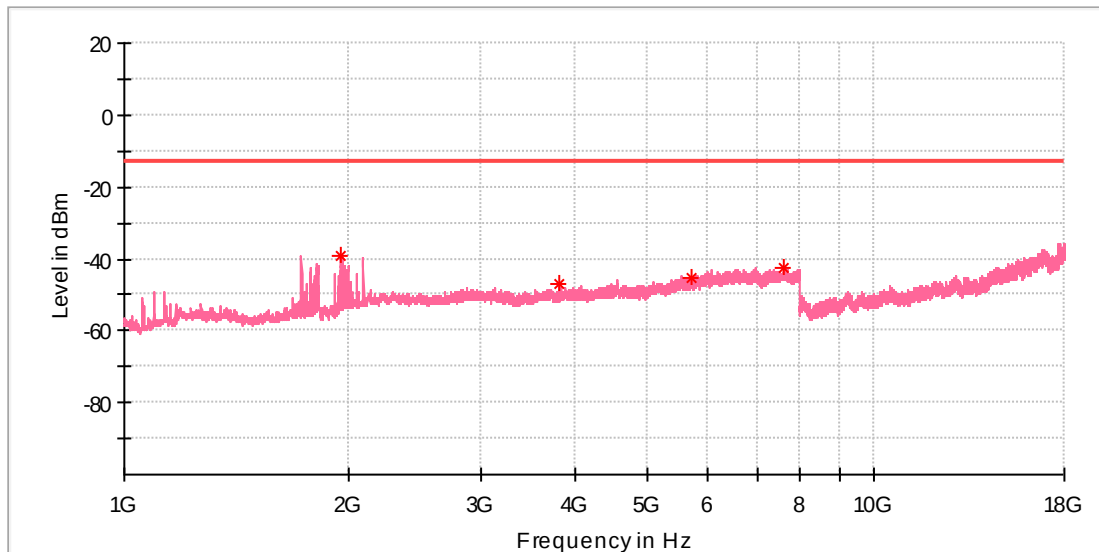


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2088.000000	-45.15	-13.00	32.15	100.0	H	69.0	-88.6
3812.500000	-45.02	-13.00	32.02	100.0	H	317.0	-86.8
5718.500000	-43.78	-13.00	30.78	100.0	H	66.0	-83.5
7511.500000	-43.02	-13.00	30.02	100.0	H	198.0	-79.3

EUT Information

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

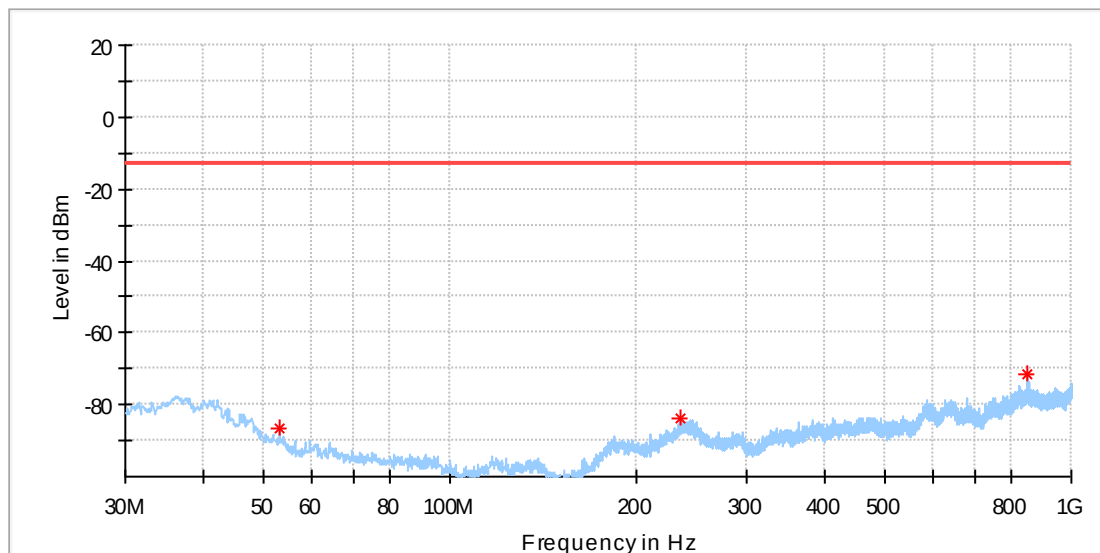
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1949.500000	-39.38	-13.00	26.38	100.0	V	311.0	-89.6
3812.000000	-46.76	-13.00	33.76	100.0	V	79.0	-87.0
5714.500000	-45.26	-13.00	32.26	100.0	V	141.0	-83.6
7592.000000	-42.78	-13.00	29.78	100.0	V	93.0	-79.4

Appendix K.7: Field Strength of Spurious Radiation for Band 26 Lower Band

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 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



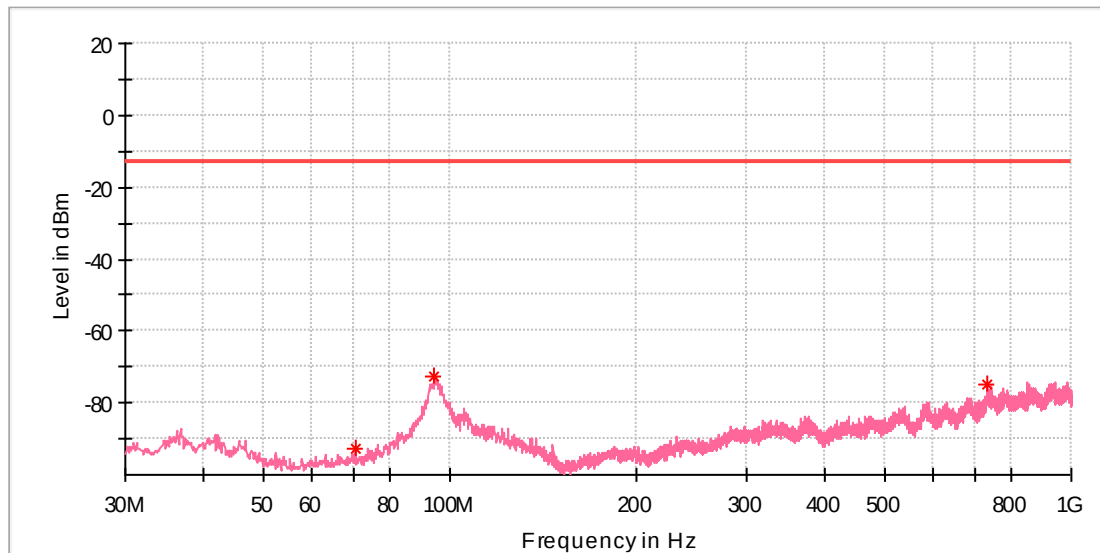
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
53.158750	-86.77	-13.00	73.77	100.0	H	172.0	-115.8
234.670000	-83.73	-13.00	70.73	100.0	H	140.0	-111.6
851.590000	-71.80	-13.00	58.80	100.0	H	60.0	-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 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

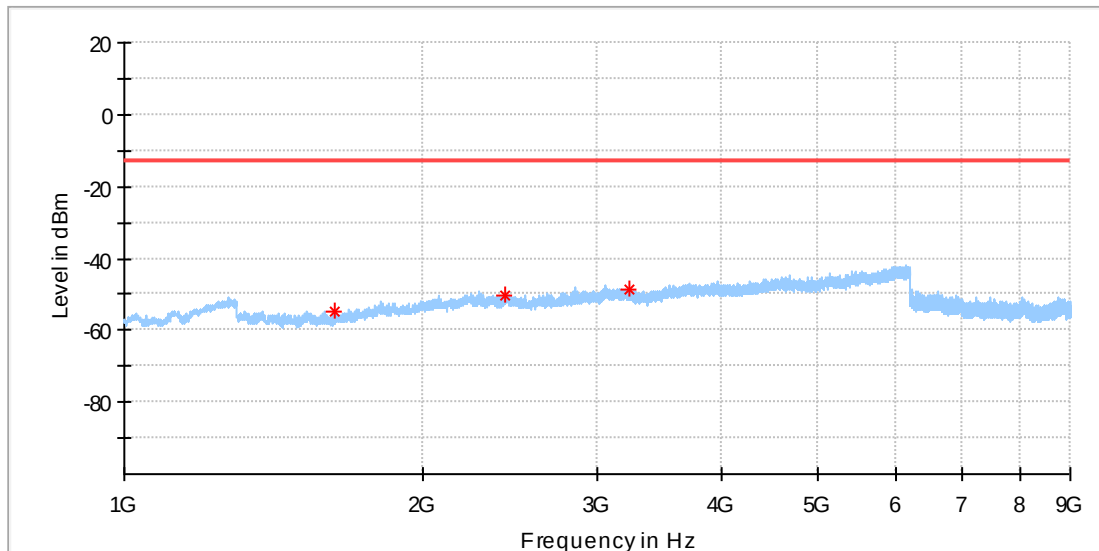
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
70.255000	-92.85	-13.00	79.85	100.0	V	150.0	-122.7
94.141250	-72.61	-13.00	59.61	100.0	V	97.0	-99.7
734.462500	-74.73	-13.00	61.73	100.0	V	25.0	-102.6

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



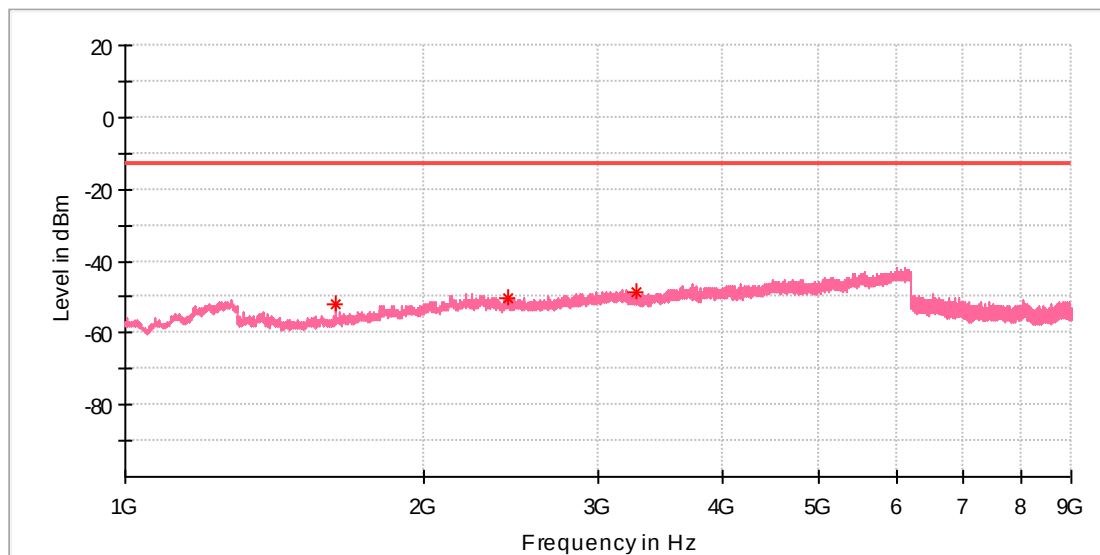
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.500000	-54.79	-13.00	41.79	100.0	H	65.0	-92.9
2423.500000	-50.34	-13.00	37.34	100.0	H	323.0	-87.4
3227.000000	-48.79	-13.00	35.79	100.0	H	309.0	-86.7

Produkte
Products

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

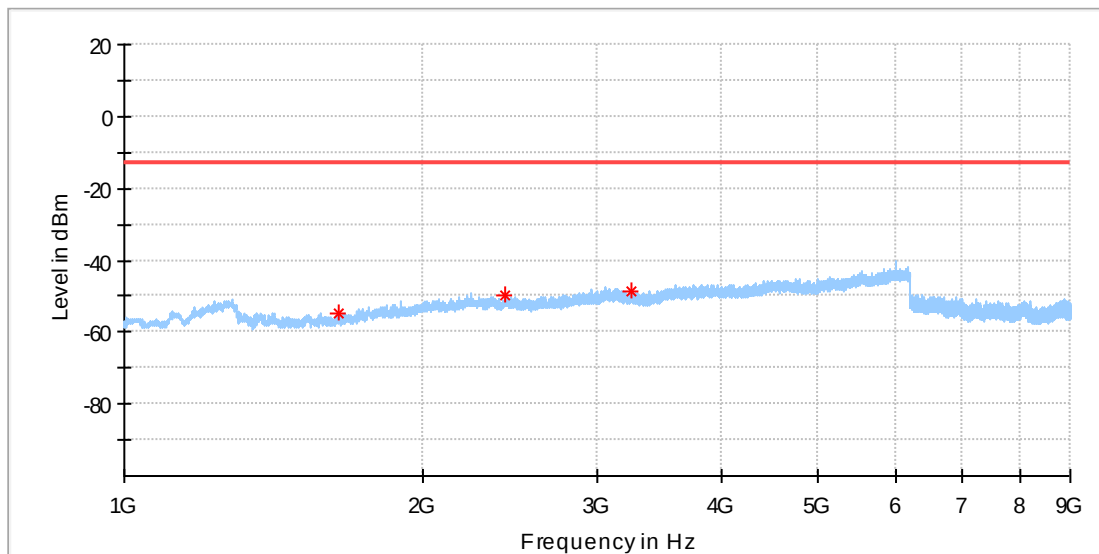
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.000000	-51.99	-13.00	38.99	100.0	V	309.0	-92.6
2435.000000	-50.32	-13.00	37.32	100.0	V	51.0	-88.0
3271.000000	-48.61	-13.00	35.61	100.0	V	163.0	-86.9

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

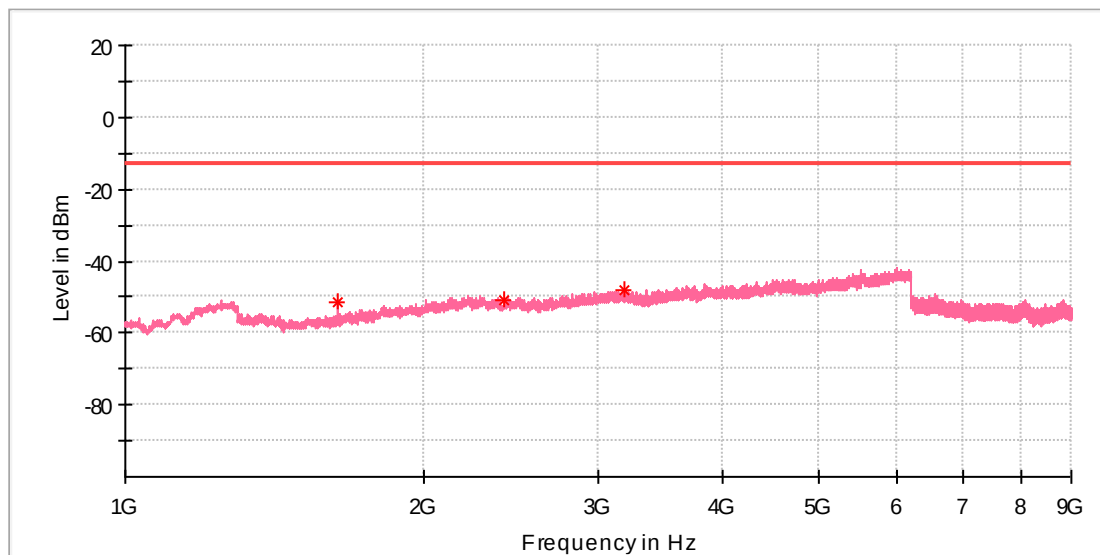


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1649.000000	-54.74	-13.00	41.74	100.0	H	350.0	-92.4
2425.500000	-49.96	-13.00	36.96	100.0	H	162.0	-87.4
3251.500000	-48.59	-13.00	35.59	100.0	H	225.0	-87.0

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

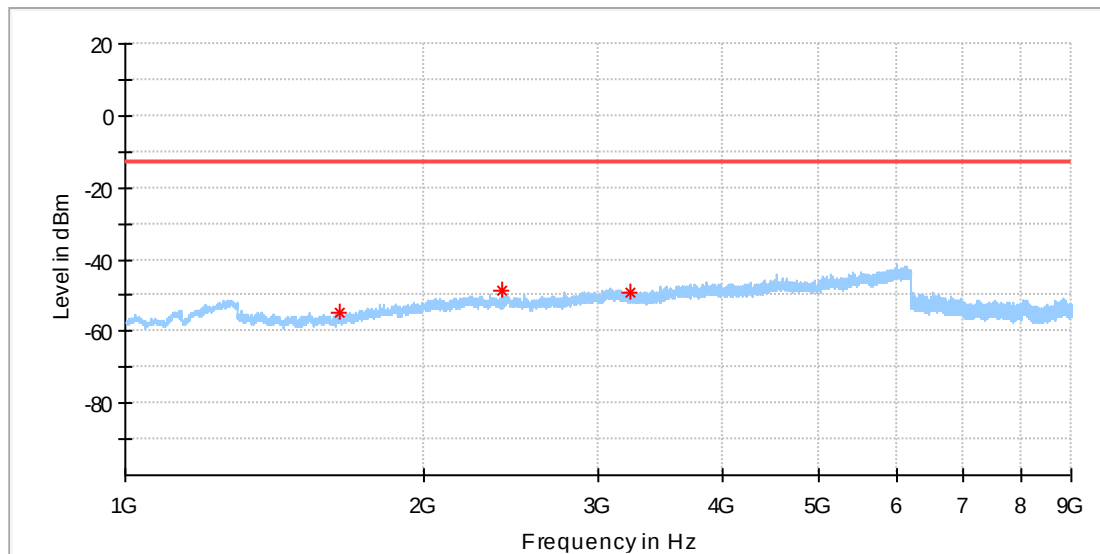
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.500000	-51.25	-13.00	38.25	100.0	V	122.0	-92.5
2409.000000	-50.82	-13.00	37.82	100.0	V	87.0	-88.1
3193.500000	-47.97	-13.00	34.97	100.0	V	253.0	-86.3

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



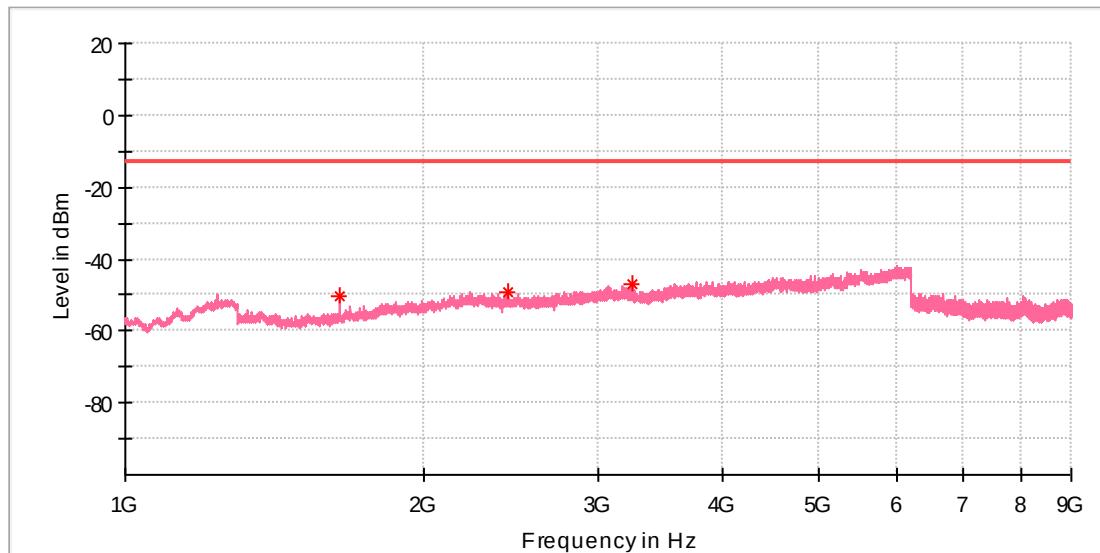
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1646.000000	-54.87	-13.00	41.87	100.0	H	129.0	-92.3
2401.500000	-48.71	-13.00	35.71	100.0	H	212.0	-87.9
3228.500000	-48.94	-13.00	35.94	100.0	H	73.0	-86.7

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

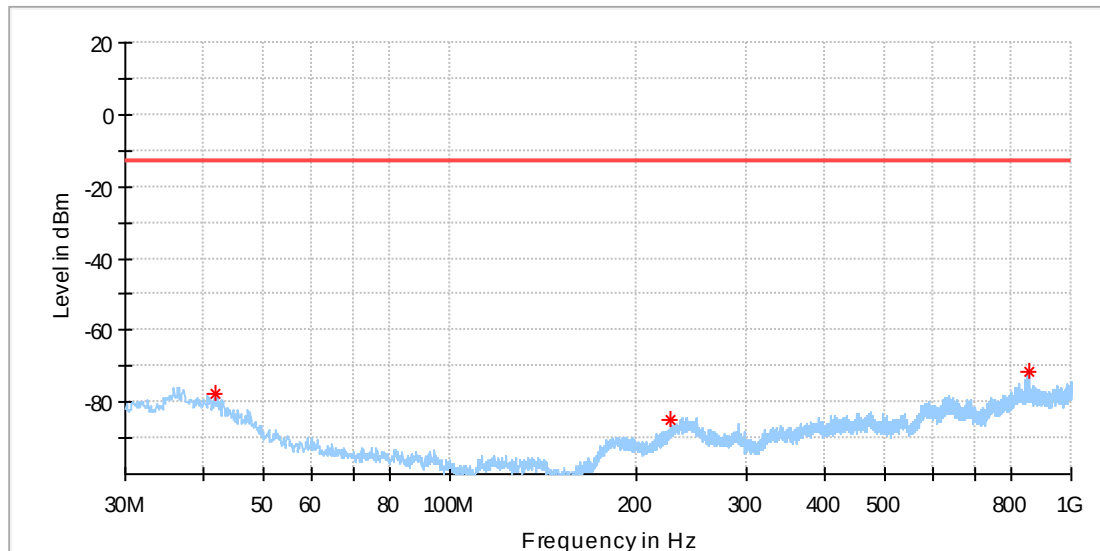
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1645.500000	-50.52	-13.00	37.52	100.0	V	87.0	-92.4
2427.500000	-48.94	-13.00	35.94	100.0	V	267.0	-87.9
3240.500000	-47.04	-13.00	34.04	100.0	V	121.0	-86.7

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 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



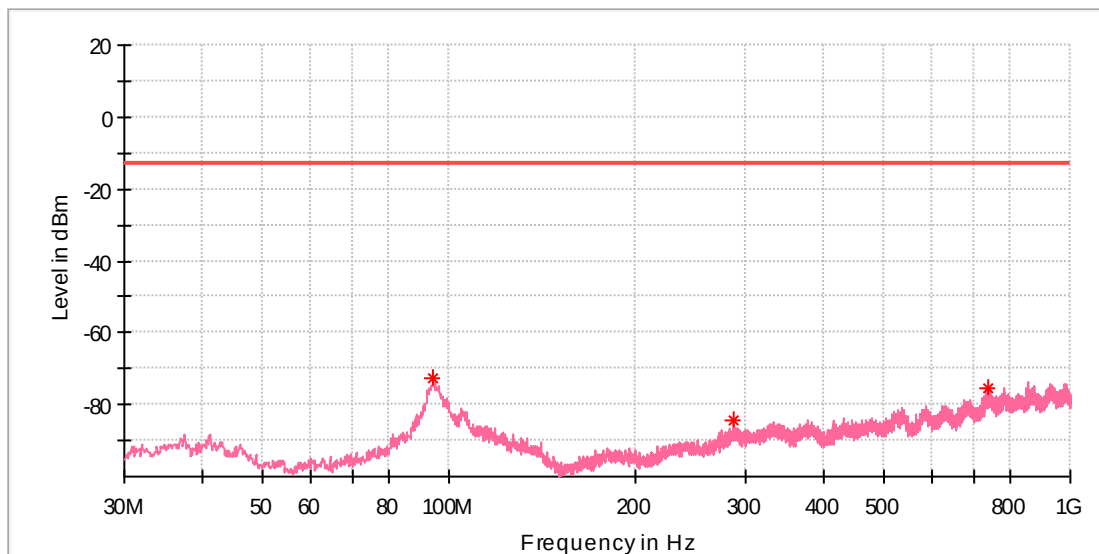
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.761250	-77.66	-13.00	64.66	100.0	H	31.0	-112.2
227.152500	-84.65	-13.00	71.65	100.0	H	108.0	-113.3
852.681250	-71.68	-13.00	58.68	100.0	H	271.0	-100.2

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 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

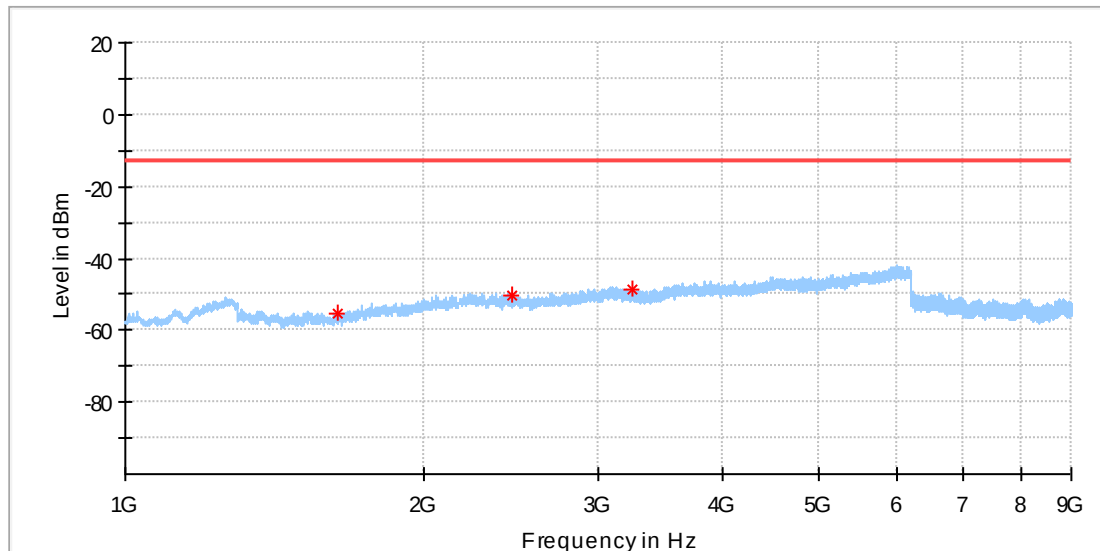
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.262500	-72.62	-13.00	59.62	100.0	V	267.0	-99.6
286.686250	-84.34	-13.00	71.34	100.0	V	0.0	-113.2
740.161250	-75.46	-13.00	62.46	100.0	V	339.0	-102.0

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

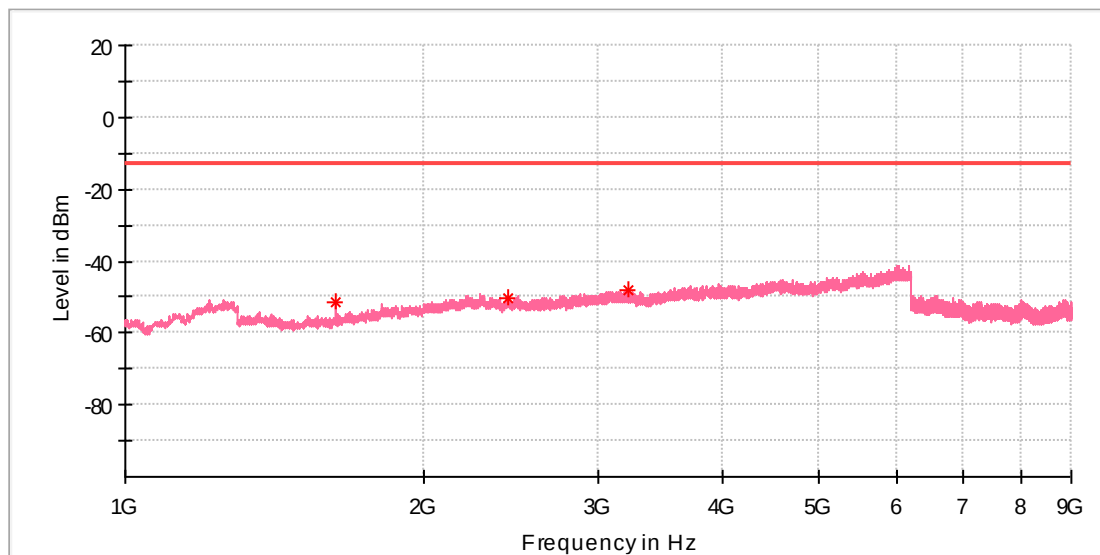


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1638.500000	-55.31	-13.00	42.31	100.0	H	310.0	-92.5
2455.500000	-50.40	-13.00	37.40	100.0	H	94.0	-87.9
3253.000000	-48.38	-13.00	35.38	100.0	H	66.0	-87.0

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

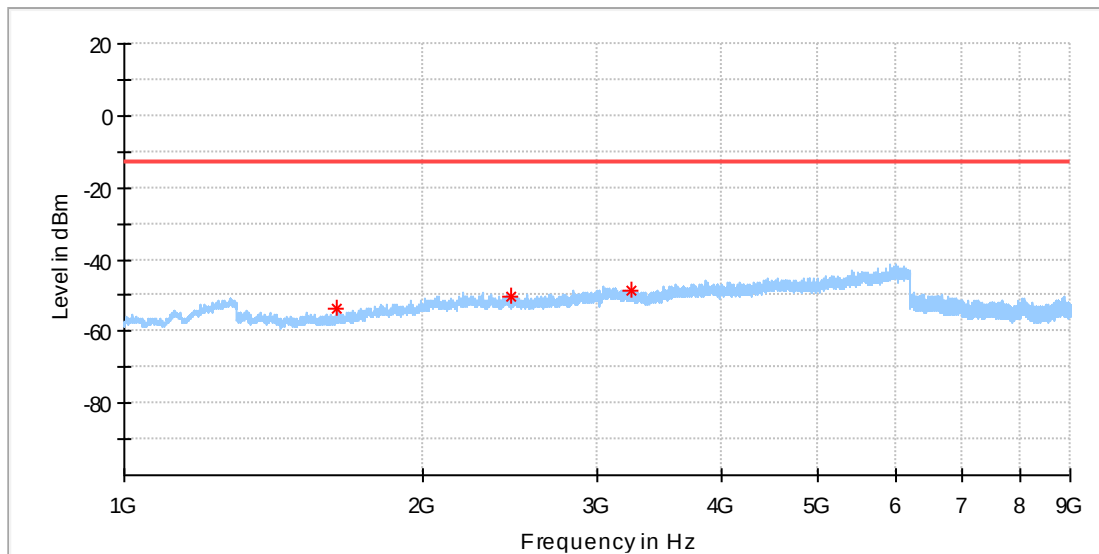
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.500000	-51.35	-13.00	38.35	100.0	V	106.0	-92.6
2429.500000	-50.13	-13.00	37.13	100.0	V	210.0	-88.0
3217.500000	-48.08	-13.00	35.08	100.0	V	113.0	-86.5

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



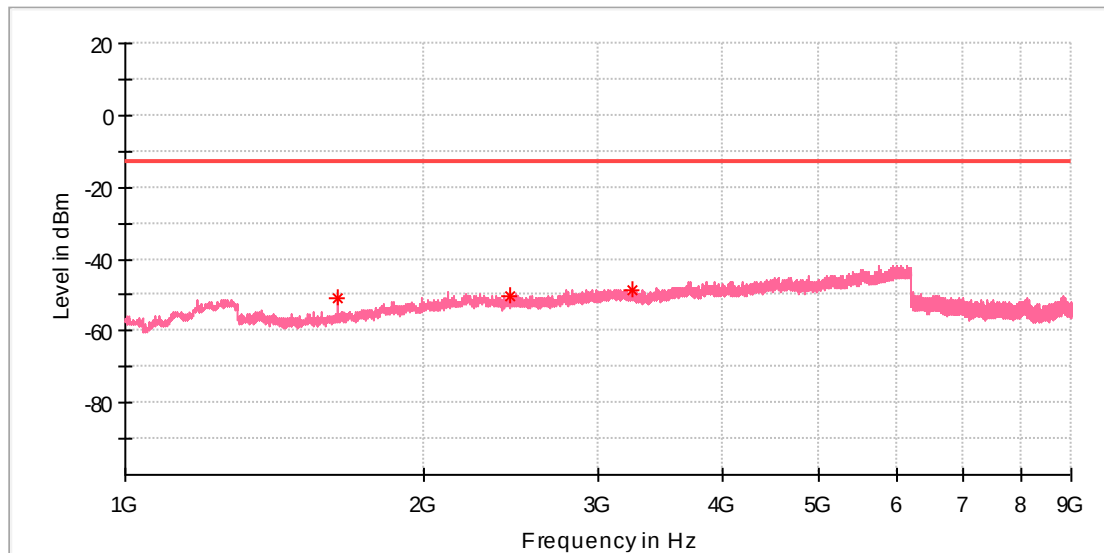
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.000000	-53.55	-13.00	40.55	100.0	H	79.0	-92.6
2458.500000	-50.42	-13.00	37.42	100.0	H	86.0	-87.9
3242.000000	-48.56	-13.00	35.56	100.0	H	0.0	-86.9

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

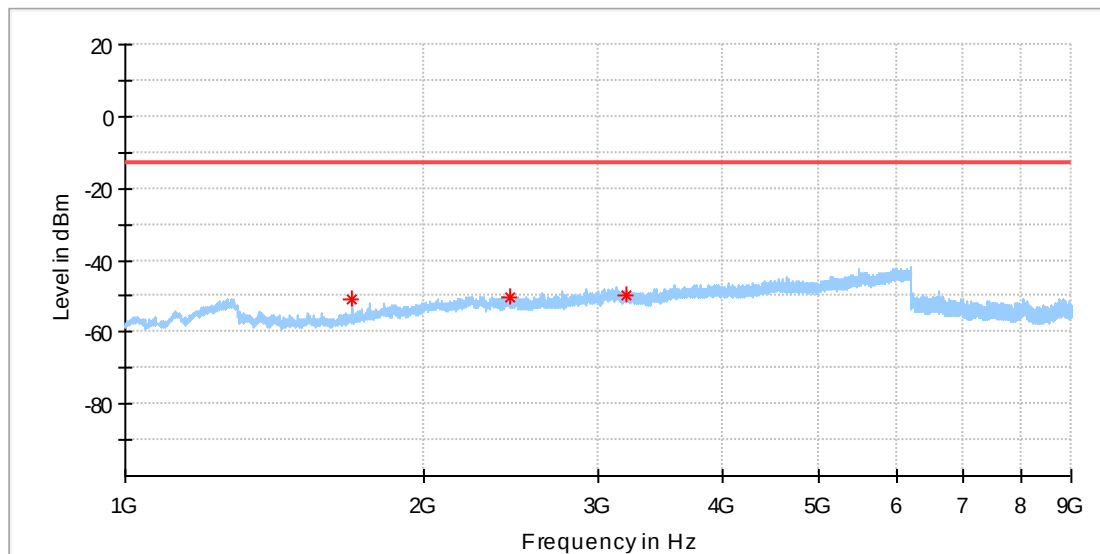
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.000000	-51.14	-13.00	38.14	100.0	V	266.0	-92.5
2442.500000	-50.51	-13.00	37.51	100.0	V	10.0	-88.1
3250.500000	-48.61	-13.00	35.61	100.0	V	196.0	-86.8

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



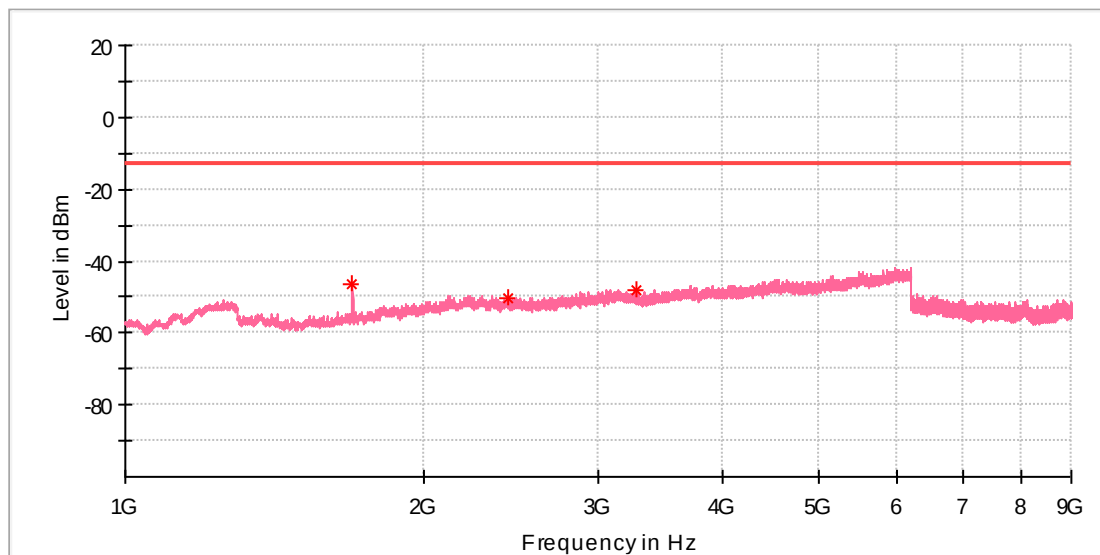
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1696.000000	-50.75	-13.00	37.75	100.0	H	342.0	-92.4
2445.500000	-50.59	-13.00	37.59	100.0	H	36.0	-87.8
3205.500000	-49.54	-13.00	36.54	100.0	H	314.0	-86.4

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:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

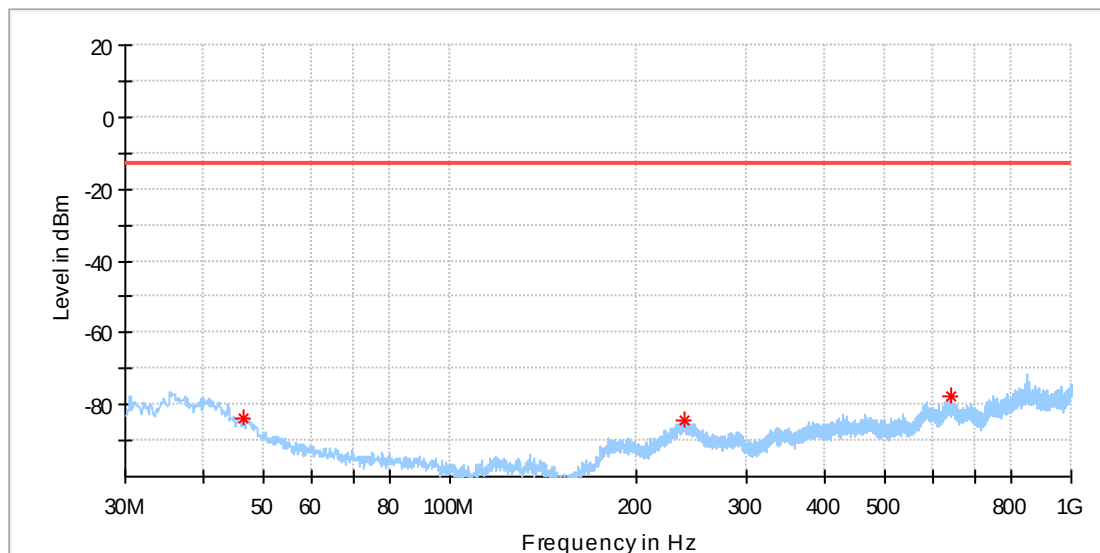
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-46.54	-13.00	33.54	100.0	V	338.0	-92.1
2432.000000	-50.17	-13.00	37.17	100.0	V	67.0	-88.0
3281.500000	-48.16	-13.00	35.16	100.0	V	74.0	-87.1

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

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

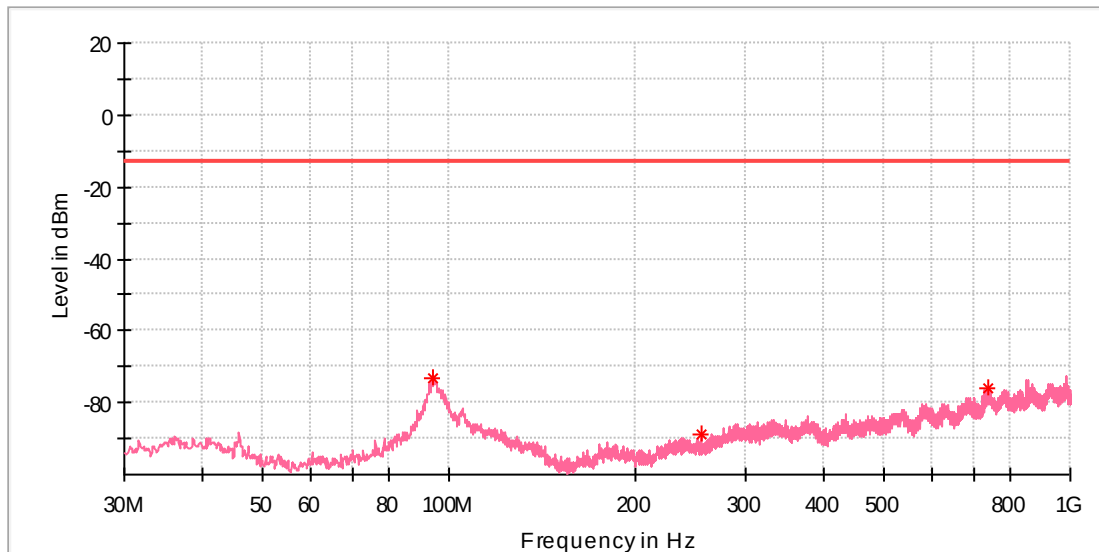


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
46.490000	-83.71	-13.00	70.71	100.0	H	251.0	-114.2
238.671250	-84.13	-13.00	71.13	100.0	H	85.0	-110.7
640.251250	-77.63	-13.00	64.63	100.0	H	314.0	-104.7

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

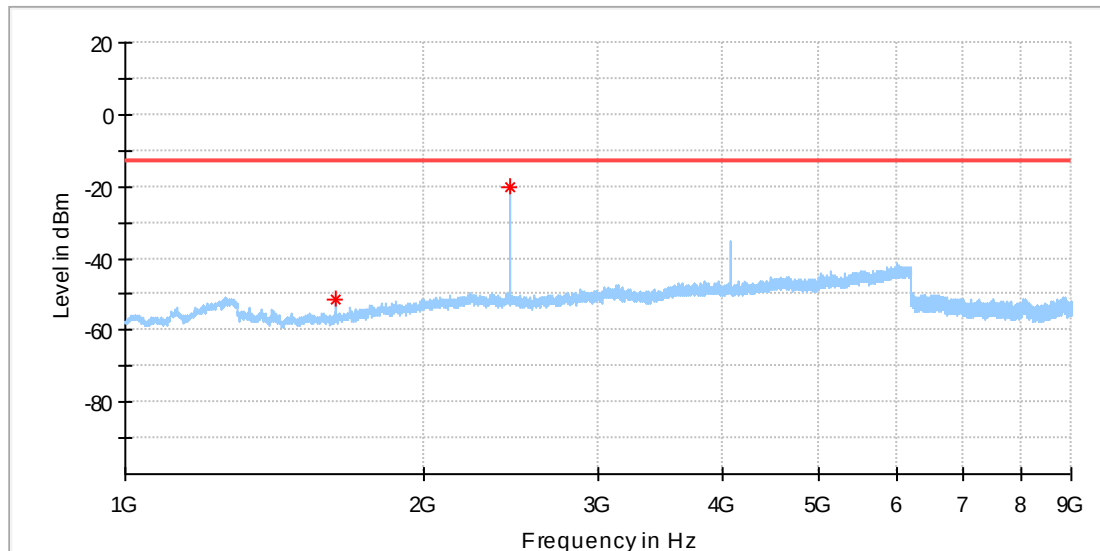
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.898750	-72.97	-13.00	59.97	100.0	V	323.0	-100.1
254.191250	-88.68	-13.00	75.68	100.0	V	128.0	-114.2
736.281250	-76.16	-13.00	63.16	100.0	V	269.0	-102.3

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)
1628.500000	-51.37	-13.00	38.37	100.0	H	46.0	-92.9
2442.500000	-20.18	-13.00	7.18	100.0	H	303.0	-87.7