

Appendix K: Test Results of Field Strength of Spurious Radiation for eMTC operation

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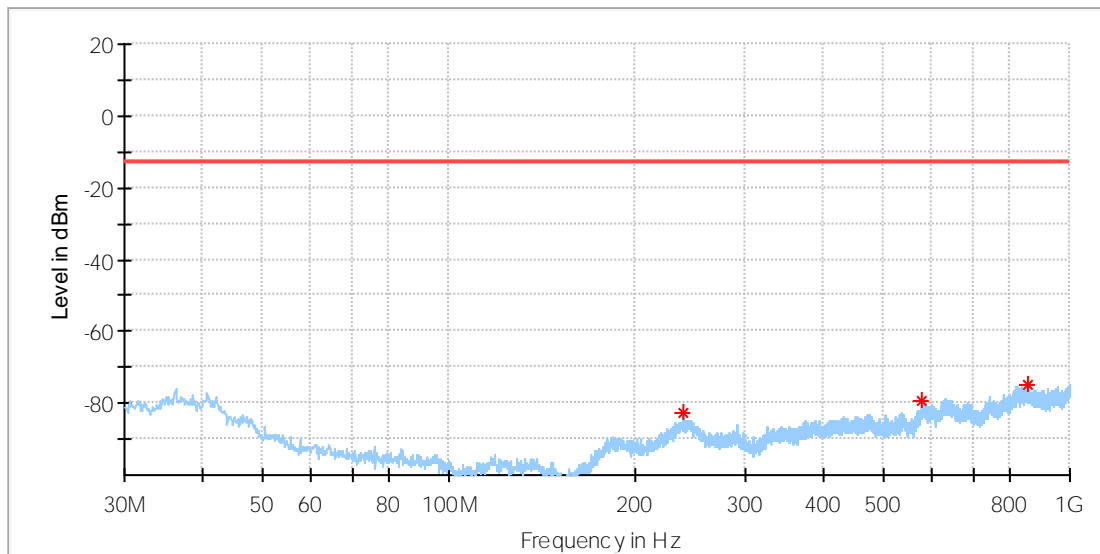
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Appendix K.1: Field Strength of Spurious Radiation for Band 2

Test Result of QPSK modulation
 Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



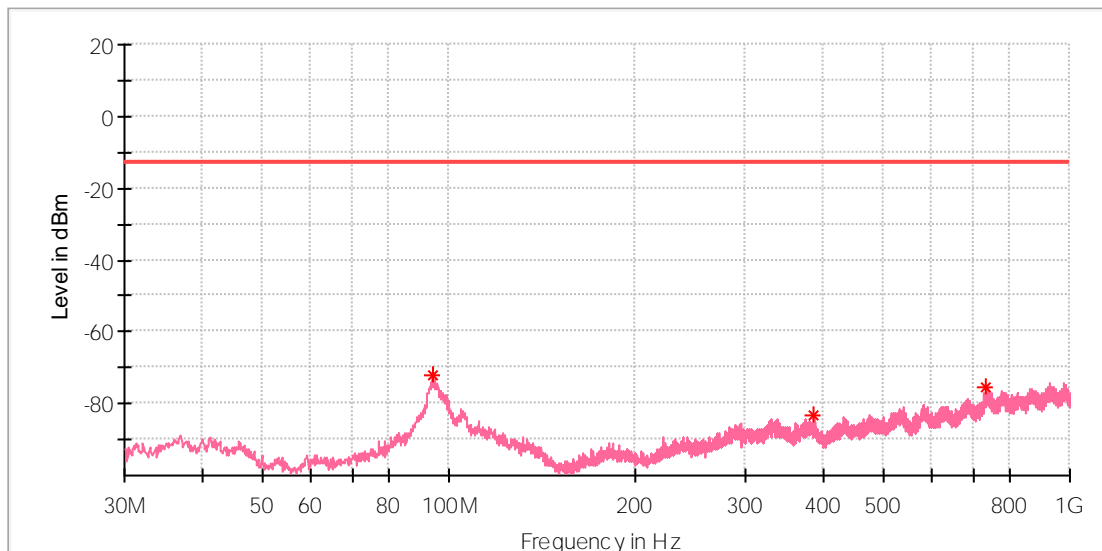
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
238.913750	-82.93	-13.00	69.93	100.0	H	261.0	-110.7
579.020000	-79.13	-13.00	66.13	100.0	H	7.0	-106.3
853.287500	-74.91	-13.00	61.91	100.0	H	122.0	-100.2

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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

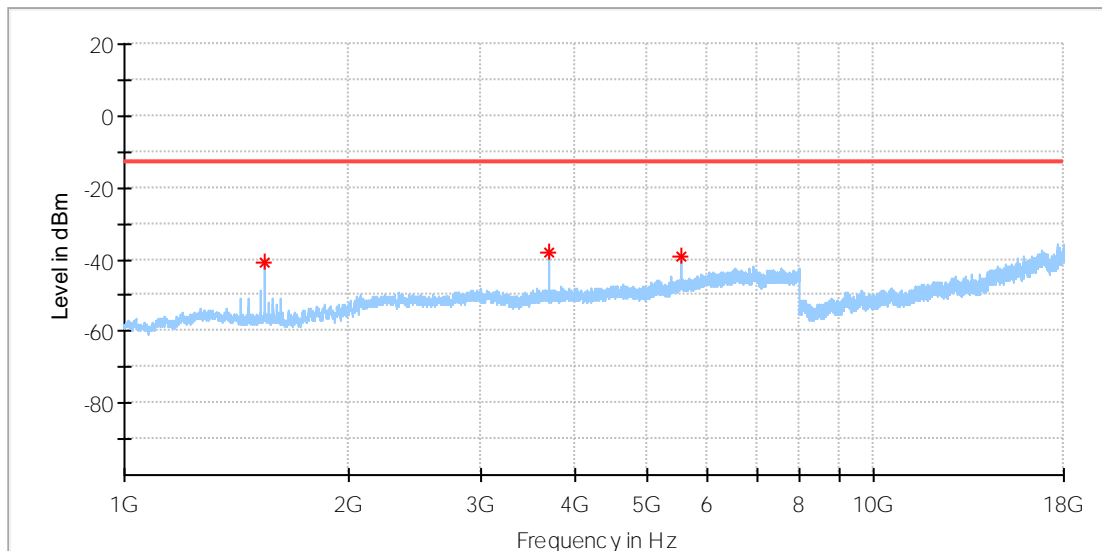
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.020000	-72.06	-13.00	59.06	100.0	V	164.0	-99.9
387.808750	-83.16	-13.00	70.16	100.0	V	0.0	-111.7
734.583750	-75.66	-13.00	62.66	100.0	V	232.0	-102.5

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Above 1 GHz
 Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



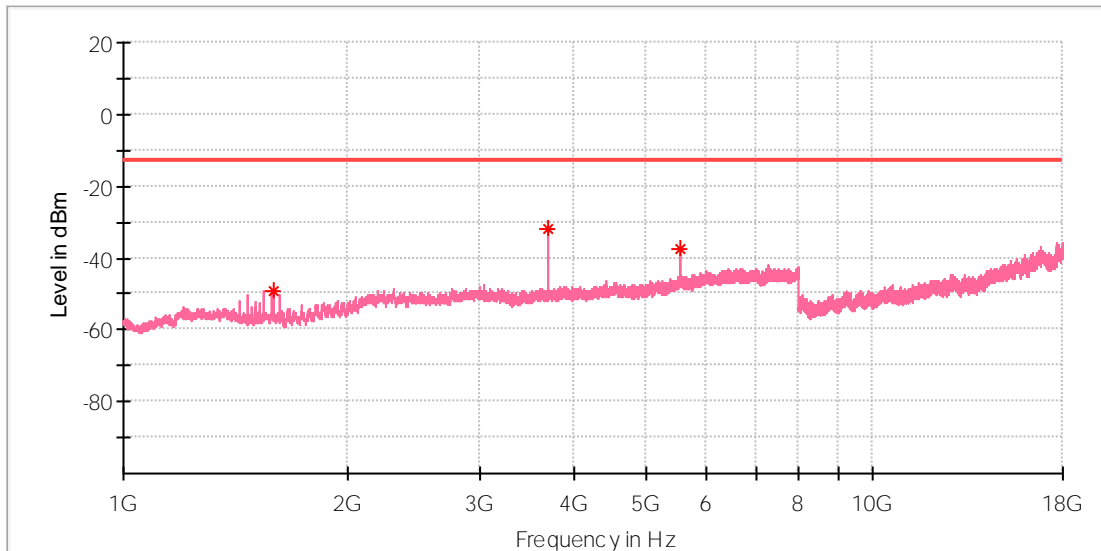
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1543.000000	-40.71	-13.00	27.71	100.0	H	291.0	-92.8
3700.500000	-38.14	-13.00	25.14	100.0	H	170.0	-86.7
5551.000000	-39.35	-13.00	26.35	100.0	H	113.0	-83.2

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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

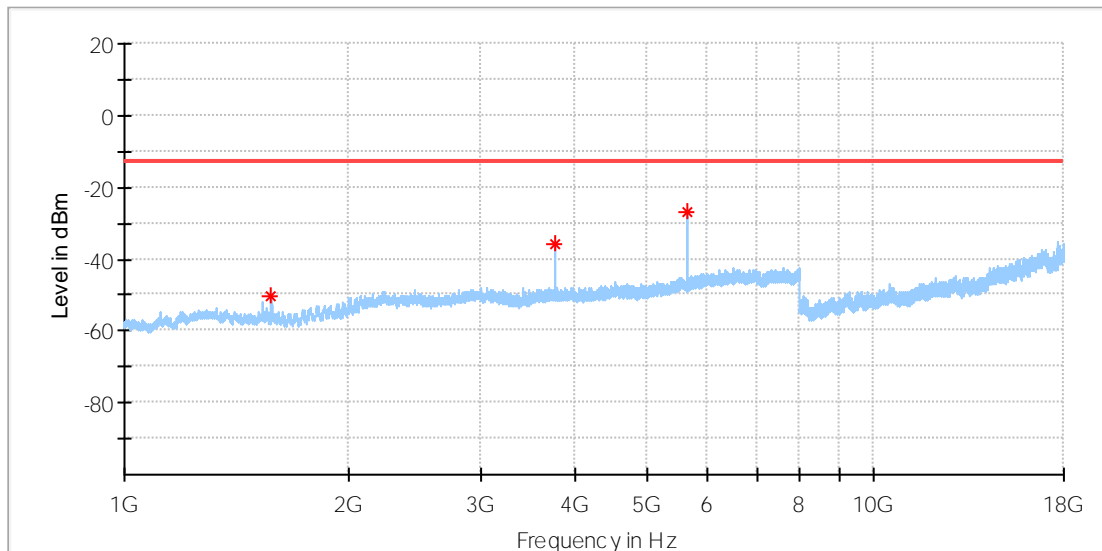
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1586.000000	-49.10	-13.00	36.10	100.0	V	315.0	-93.0
3700.000000	-32.01	-13.00	19.01	100.0	V	24.0	-86.7
5551.000000	-37.39	-13.00	24.39	100.0	V	122.0	-83.0

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Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



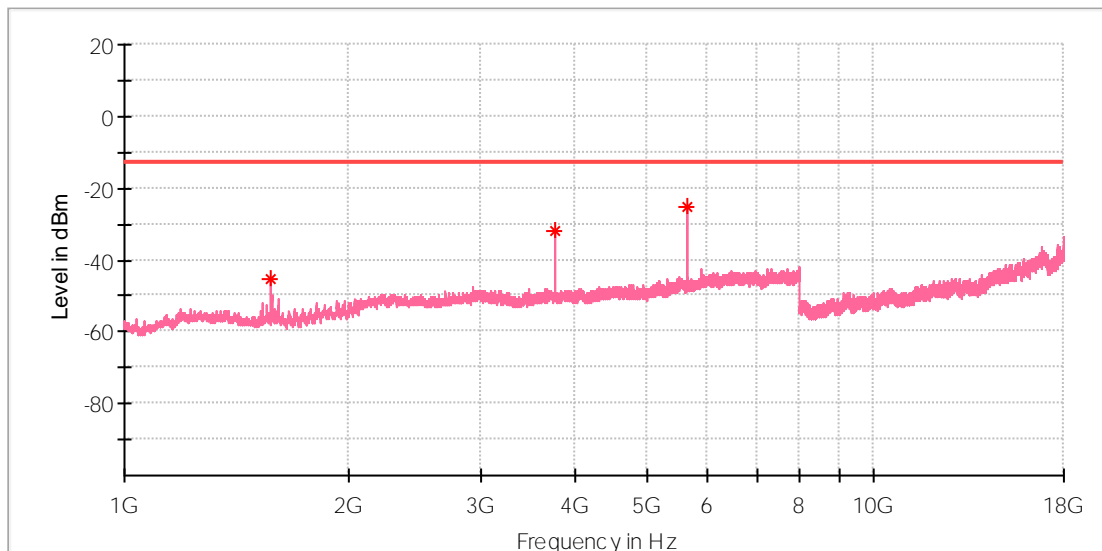
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1572.500000	-50.11	-13.00	37.11	100.0	H	341.0	-93.0
3759.000000	-35.57	-13.00	22.57	100.0	H	122.0	-86.6
5638.500000	-26.74	-13.00	13.74	100.0	H	101.0	-83.8

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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

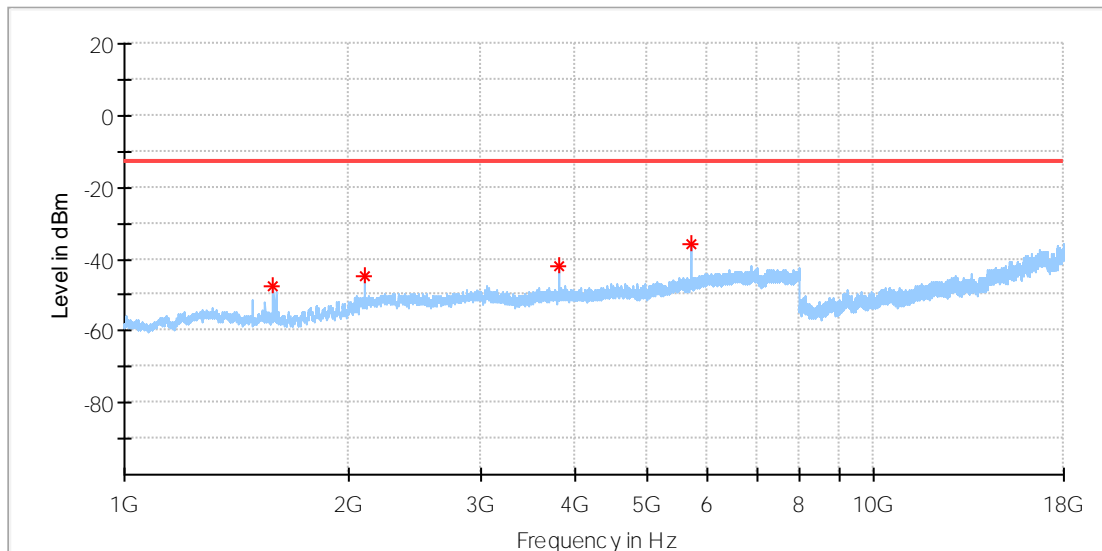
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1571.500000	-45.25	-13.00	32.25	100.0	V	75.0	-93.0
3759.000000	-32.18	-13.00	19.18	100.0	V	277.0	-86.9
5638.500000	-25.28	-13.00	12.28	100.0	V	110.0	-83.8

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High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



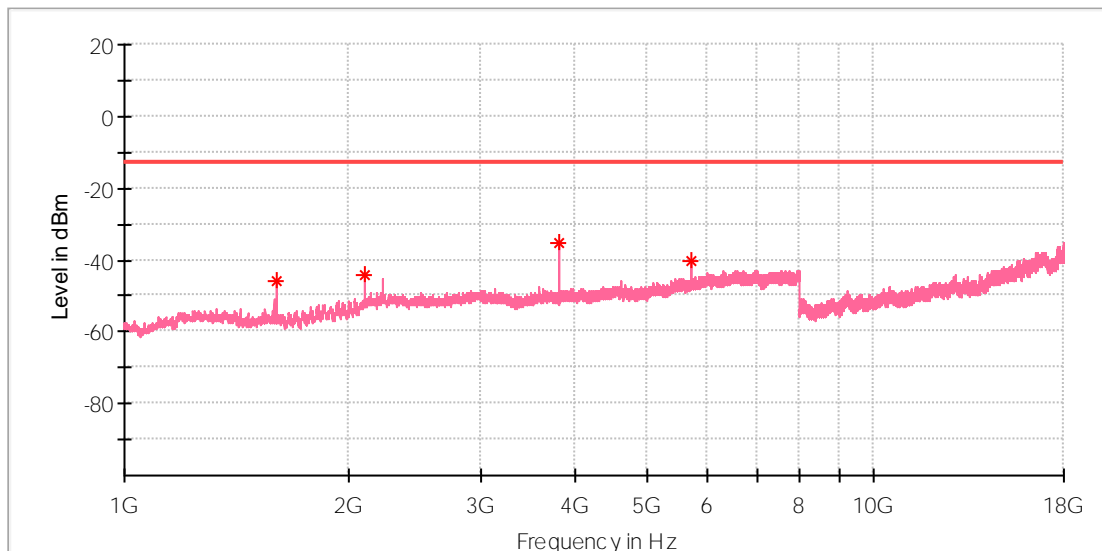
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1582.500000	-47.52	-13.00	34.52	100.0	H	15.0	-92.9
2090.500000	-44.81	-13.00	31.81	100.0	H	283.0	-88.7
3817.500000	-42.19	-13.00	29.19	100.0	H	177.0	-86.8
5726.500000	-35.57	-13.00	22.57	100.0	H	249.0	-83.5

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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

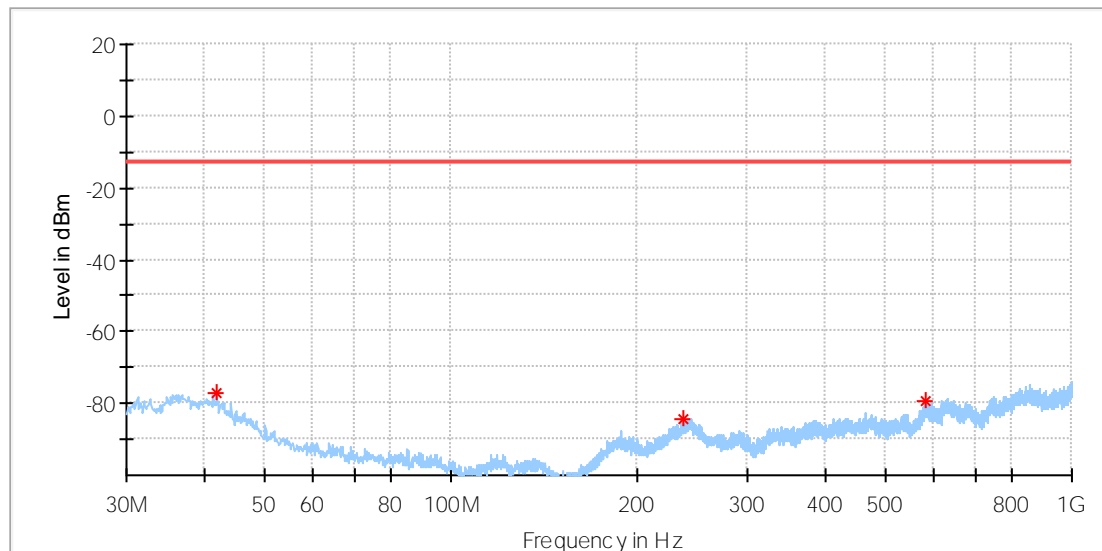
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1601.500000	-45.98	-13.00	32.98	100.0	V	7.0	-92.9
2090.500000	-44.34	-13.00	31.34	100.0	V	117.0	-88.7
3817.500000	-35.28	-13.00	22.28	100.0	V	40.0	-87.0
5726.500000	-40.05	-13.00	27.05	100.0	V	313.0	-83.6

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Test Result of 16QAM modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



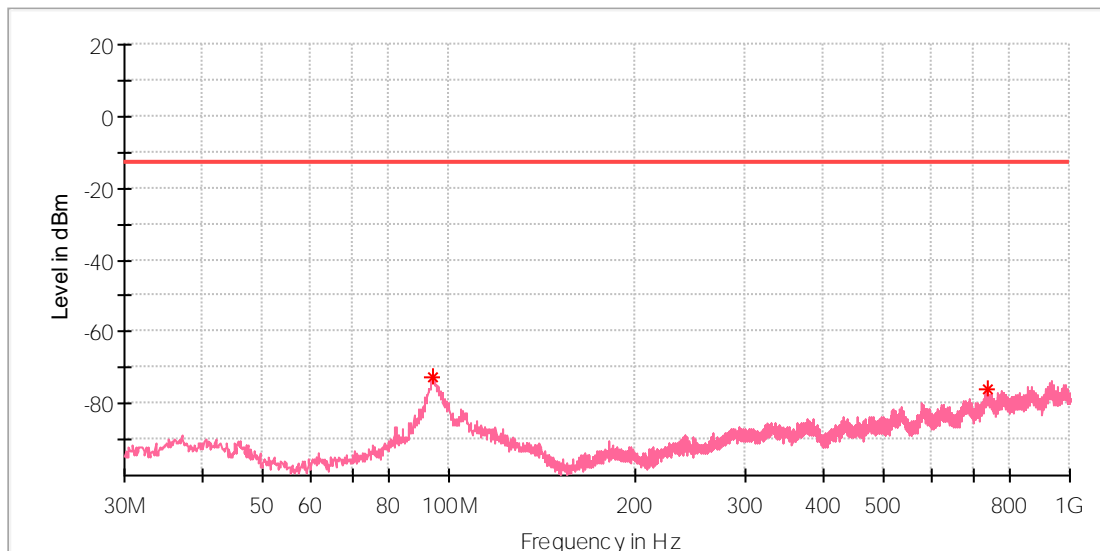
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.882500	-77.38	-13.00	64.38	100.0	H	339.0	-112.2
236.488750	-84.33	-13.00	71.33	100.0	H	4.0	-111.1
581.808750	-79.51	-13.00	66.51	100.0	H	144.0	-106.2

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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

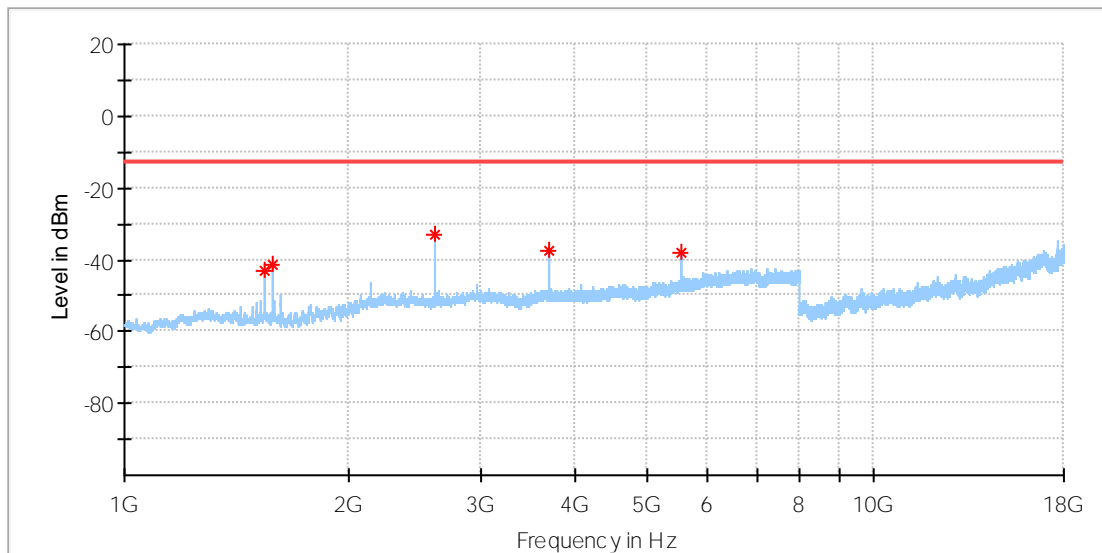
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.505000	-72.57	-13.00	59.57	100.0	V	243.0	-99.6
739.433750	-75.93	-13.00	62.93	100.0	V	158.0	-102.0

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Above 1 GHz
 Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

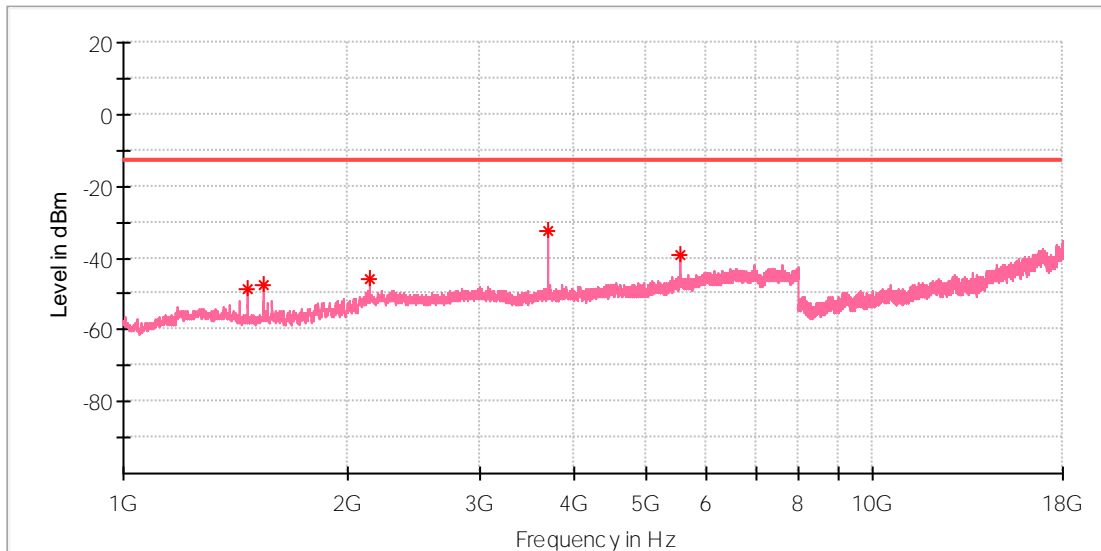


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1542.500000	-43.16	-13.00	30.16	100.0	H	298.0	-92.8
1581.000000	-41.12	-13.00	28.12	100.0	H	292.0	-93.0
2598.000000	-33.13	-13.00	20.13	100.0	H	138.0	-88.1
3700.000000	-37.41	-13.00	24.41	100.0	H	174.0	-86.7
5550.500000	-37.98	-13.00	24.98	100.0	H	112.0	-83.2

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

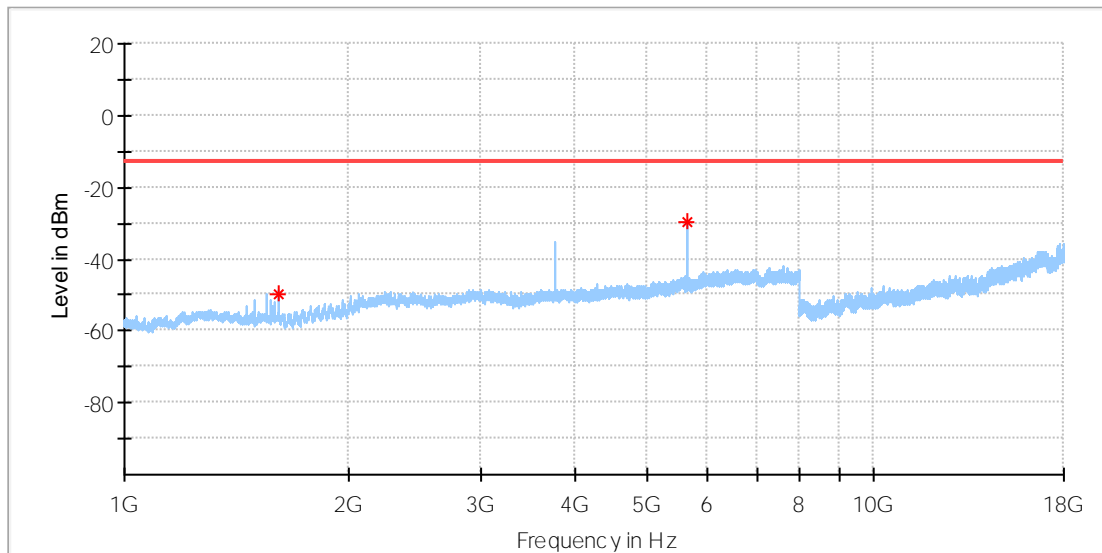
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1466.500000	-48.90	-13.00	35.90	100.0	V	28.0	-93.8
1543.500000	-47.39	-13.00	34.39	100.0	V	322.0	-92.9
2133.000000	-45.67	-13.00	32.67	100.0	V	0.0	-87.7
3700.500000	-32.67	-13.00	19.67	100.0	V	335.0	-86.7
5551.000000	-39.36	-13.00	26.36	100.0	V	129.0	-83.0

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Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



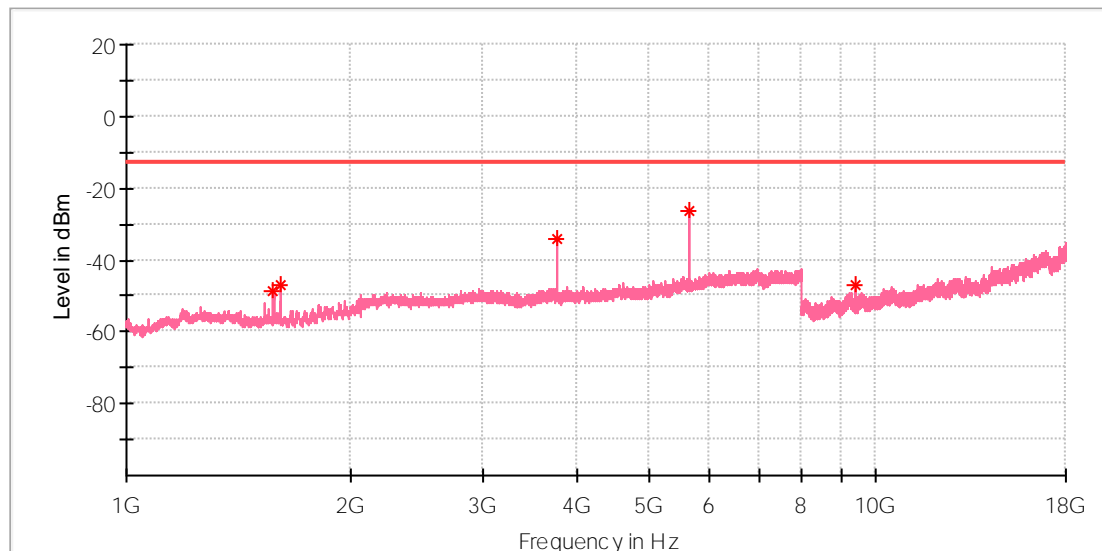
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1610.500000	-49.66	-13.00	36.66	100.0	H	93.0	-93.1
5639.000000	-29.83	-13.00	16.83	100.0	H	113.0	-83.8

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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

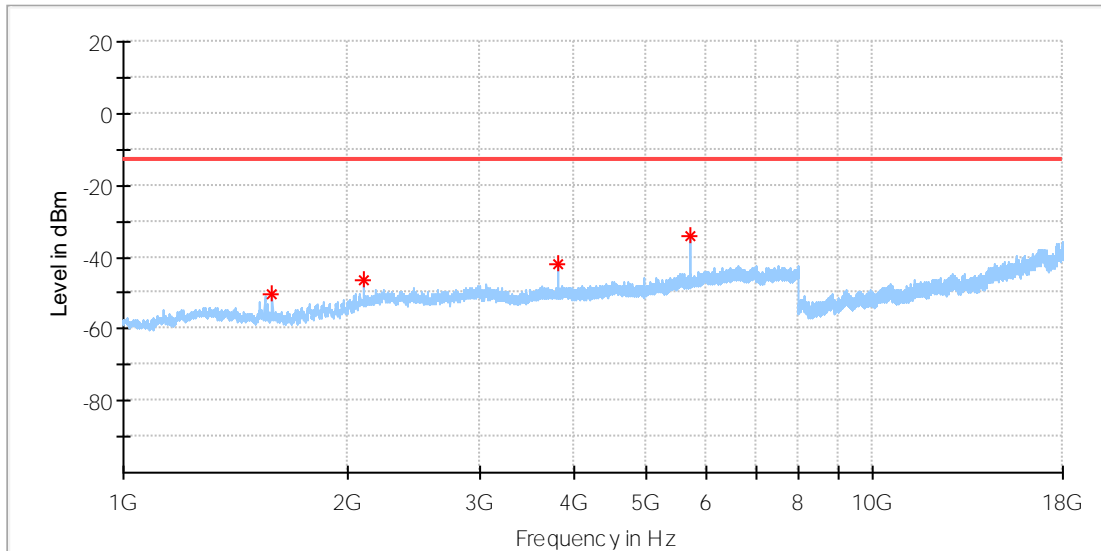
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1571.500000	-48.40	-13.00	35.40	100.0	V	116.0	-93.0
1610.500000	-47.19	-13.00	34.19	100.0	V	156.0	-93.0
3759.000000	-34.11	-13.00	21.11	100.0	V	279.0	-86.9
5639.000000	-26.42	-13.00	13.42	100.0	V	139.0	-83.8
9398.000000	-46.97	-13.00	33.97	100.0	V	119.0	-85.3

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High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



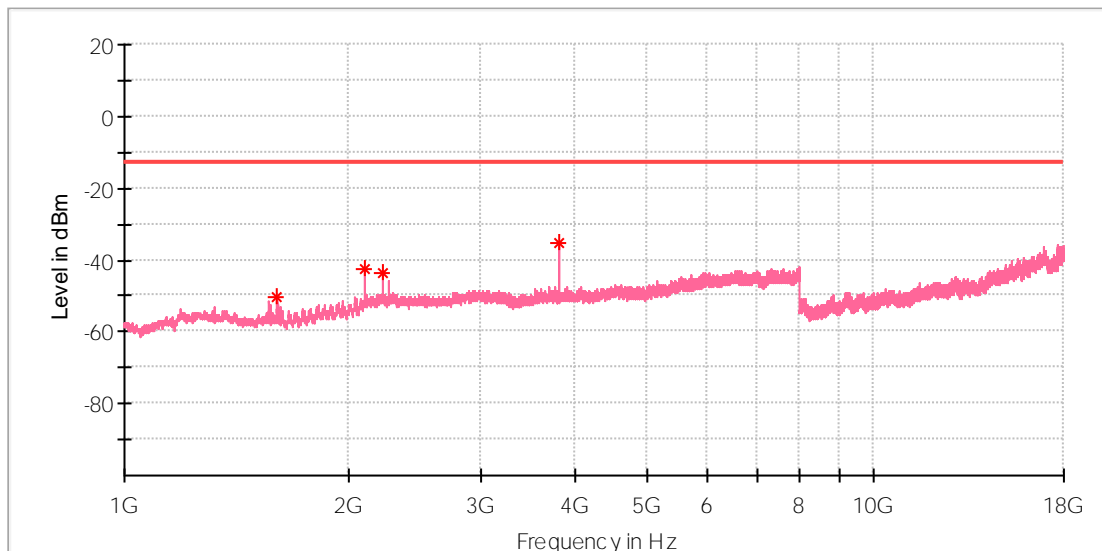
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1582.500000	-50.57	-13.00	37.57	100.0	H	55.0	-92.9
2091.000000	-46.40	-13.00	33.40	100.0	H	290.0	-88.7
3817.500000	-42.23	-13.00	29.23	100.0	H	351.0	-86.8
5727.000000	-33.88	-13.00	20.88	100.0	H	253.0	-83.5

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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

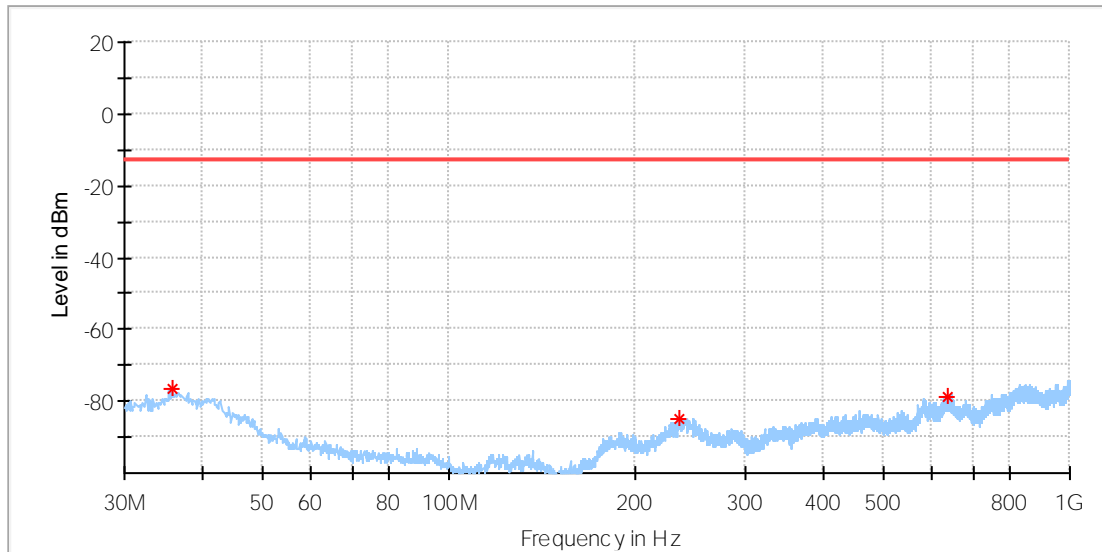
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1602.000000	-50.11	-13.00	37.11	100.0	V	111.0	-92.9
2091.000000	-42.73	-13.00	29.73	100.0	V	77.0	-88.7
2216.000000	-43.44	-13.00	30.44	100.0	V	94.0	-87.0
3817.500000	-35.27	-13.00	22.27	100.0	V	42.0	-87.0

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

Test Result of QPSK modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M 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



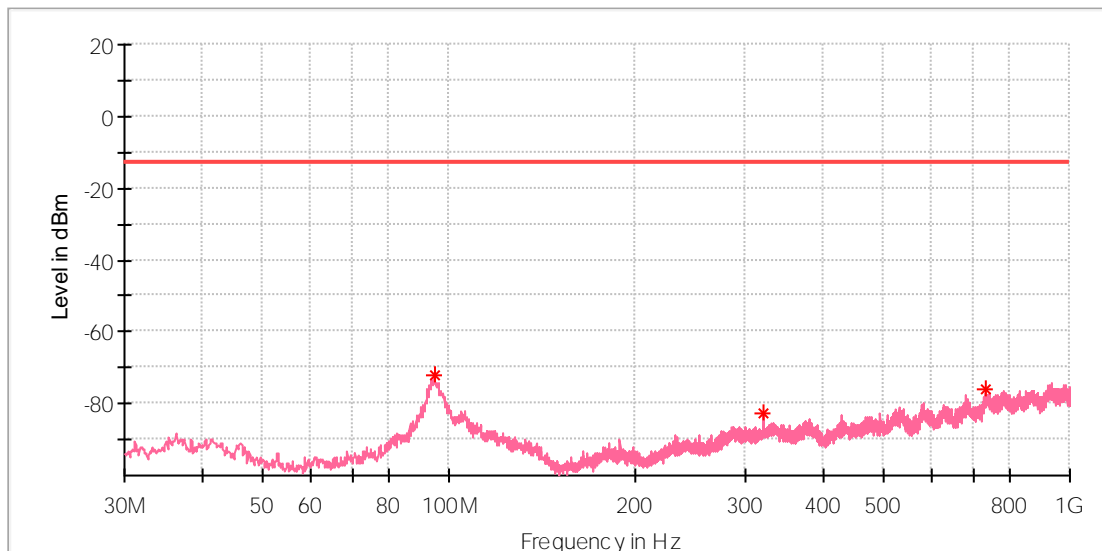
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.820000	-76.49	-13.00	63.49	100.0	H	235.0	-113.5
234.548750	-84.69	-13.00	71.69	100.0	H	103.0	-111.7
633.946250	-78.94	-13.00	65.94	100.0	H	49.0	-104.9

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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M 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

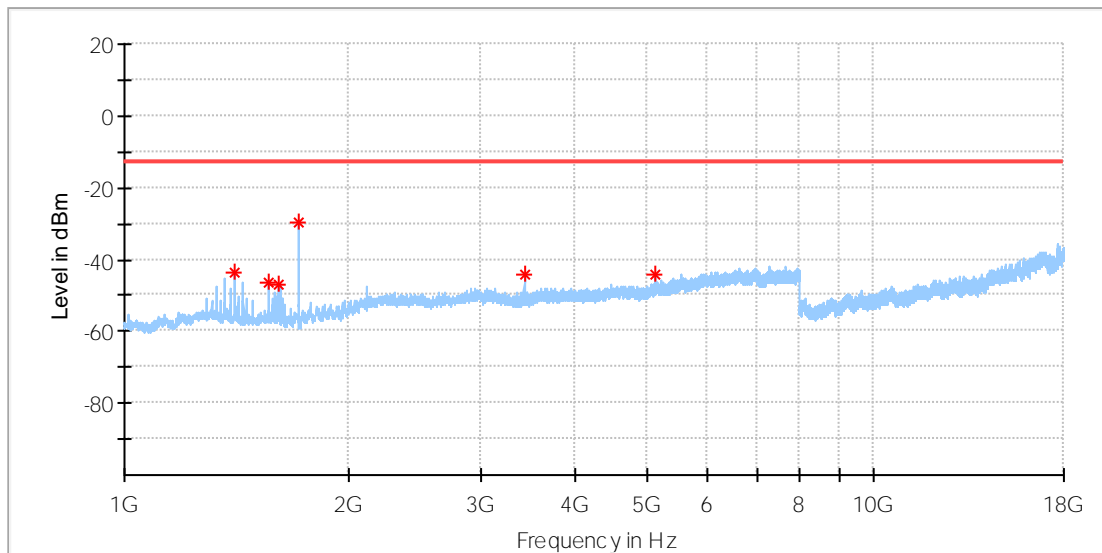
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.626250	-72.35	-13.00	59.35	100.0	V	345.0	-99.6
320.030000	-82.64	-13.00	69.64	100.0	V	156.0	-111.6
729.855000	-75.75	-13.00	62.75	100.0	V	336.0	-103.3

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Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 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



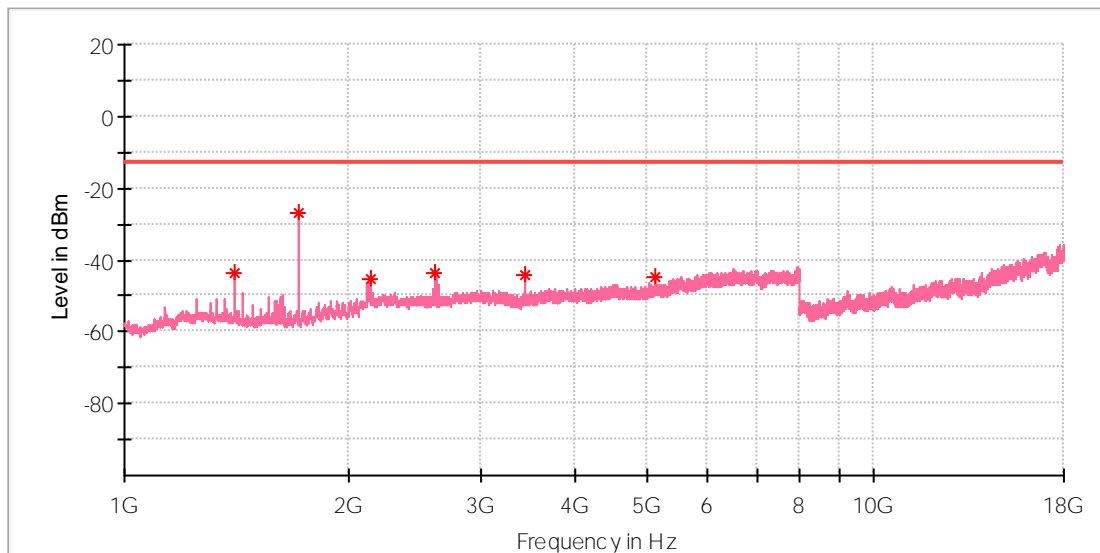
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1403.000000	-43.50	-13.00	30.50	100.0	H	358.0	-92.9
1561.500000	-46.69	-13.00	33.69	100.0	H	14.0	-93.0
1611.500000	-46.93	-13.00	33.93	100.0	H	99.0	-93.2
1710.500000	-29.61	-13.00	16.61	100.0	H	262.0	-92.1
3420.000000	-44.09	-13.00	31.09	100.0	H	6.0	-87.9
5131.000000	-44.17	-13.00	31.17	100.0	H	327.0	-84.8

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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 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

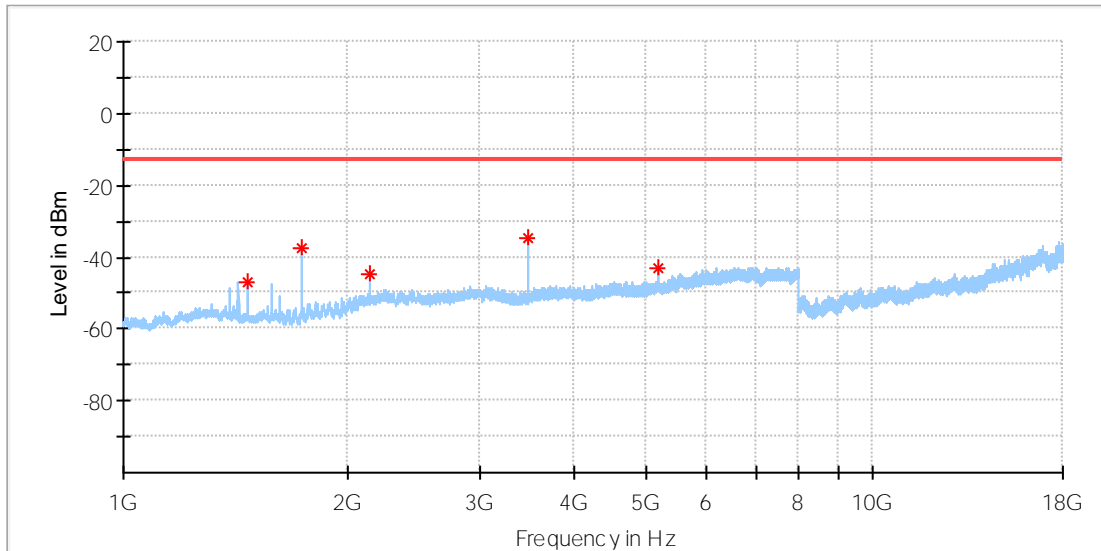
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1403.000000	-43.64	-13.00	30.64	100.0	V	188.0	-92.7
1710.000000	-26.97	-13.00	13.97	100.0	V	59.0	-91.9
2131.000000	-45.10	-13.00	32.10	100.0	V	0.0	-87.7
2600.500000	-43.50	-13.00	30.50	100.0	V	0.0	-88.1
3420.500000	-44.21	-13.00	31.21	100.0	V	34.0	-87.7
5130.500000	-44.80	-13.00	31.80	100.0	V	124.0	-84.9

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 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

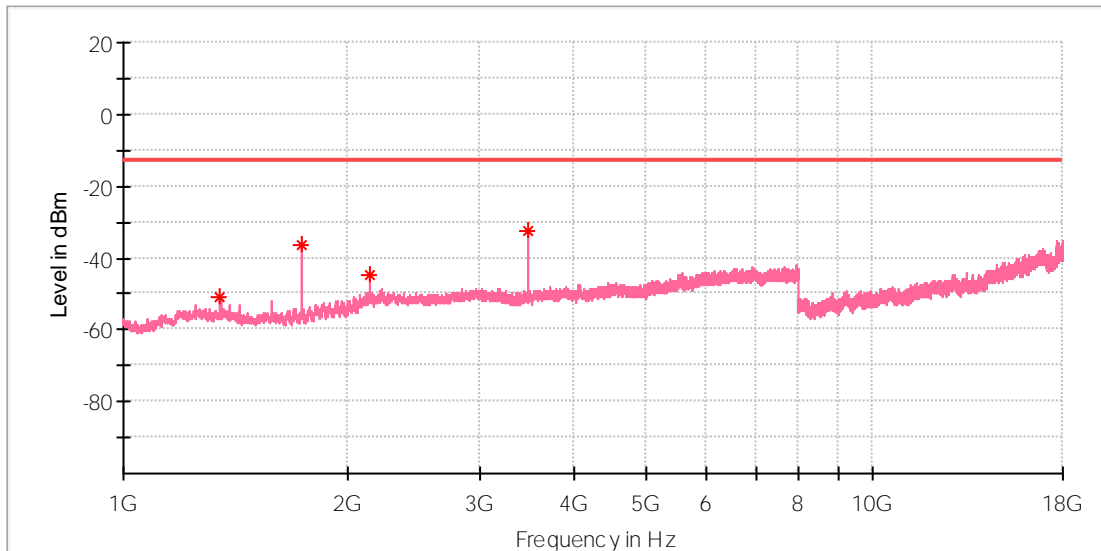


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1463.000000	-46.70	-13.00	33.70	100.0	H	141.0	-93.2
1732.000000	-37.33	-13.00	24.33	100.0	H	343.0	-91.4
2132.000000	-44.81	-13.00	31.81	100.0	H	276.0	-88.2
3463.500000	-34.68	-13.00	21.68	100.0	H	209.0	-88.1
5196.000000	-42.96	-13.00	29.96	100.0	H	188.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 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

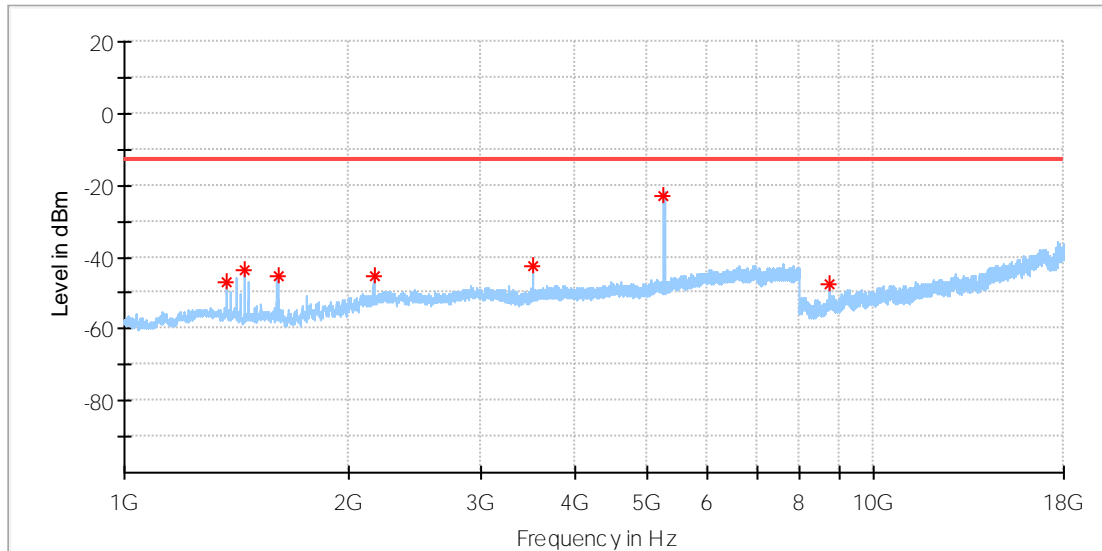
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1348.000000	-50.61	-13.00	37.61	100.0	V	29.0	-92.6
1732.000000	-36.21	-13.00	23.21	100.0	V	325.0	-91.6
2133.000000	-44.88	-13.00	31.88	100.0	V	29.0	-87.7
3464.000000	-32.41	-13.00	19.41	100.0	V	60.0	-87.8

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 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

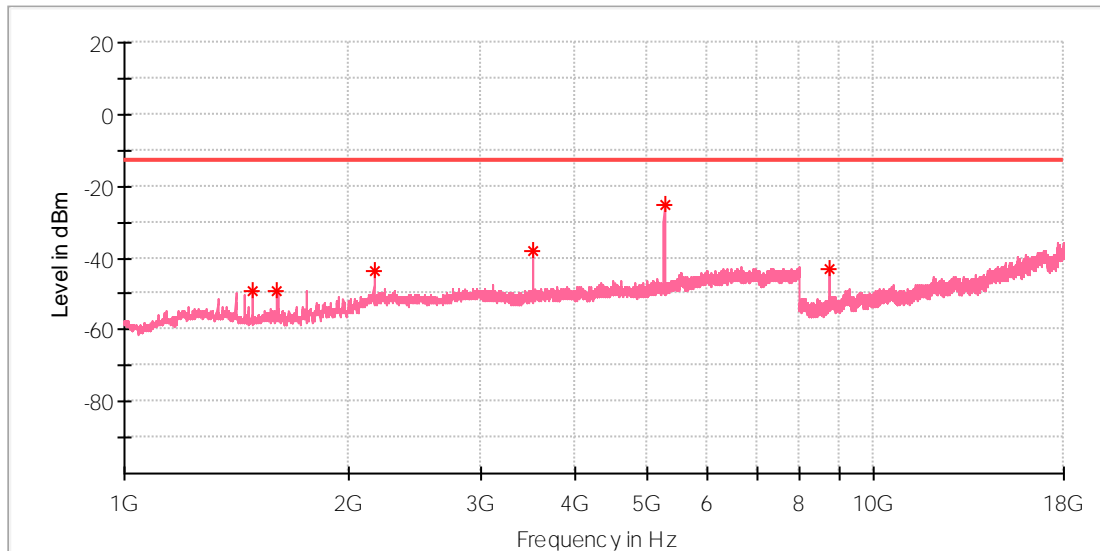


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1370.500000	-46.71	-13.00	33.71	100.0	H	64.0	-92.2
1447.000000	-43.63	-13.00	30.63	100.0	H	160.0	-93.7
1602.500000	-45.34	-13.00	32.34	100.0	H	269.0	-92.8
2154.000000	-45.42	-13.00	32.42	100.0	H	95.0	-88.6
3509.000000	-42.52	-13.00	29.52	100.0	H	324.0	-87.3
5263.500000	-22.84	-13.00	9.84	100.0	H	324.0	-85.0
8774.000000	-47.50	-13.00	34.50	100.0	H	177.0	-85.5

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 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

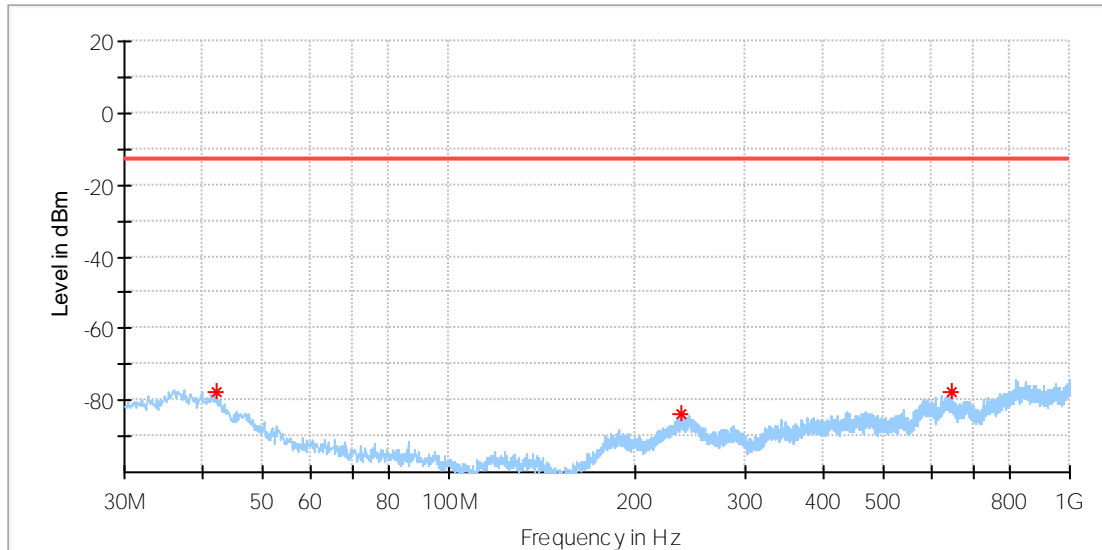
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1485.500000	-49.43	-13.00	36.43	100.0	V	269.0	-94.0
1602.000000	-49.08	-13.00	36.08	100.0	V	70.0	-92.9
2155.000000	-43.89	-13.00	30.89	100.0	V	309.0	-88.1
3509.000000	-38.19	-13.00	25.19	100.0	V	75.0	-87.5
5264.000000	-25.08	-13.00	12.08	100.0	V	290.0	-85.1
8773.500000	-43.13	-13.00	30.13	100.0	V	303.0	-85.6

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

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



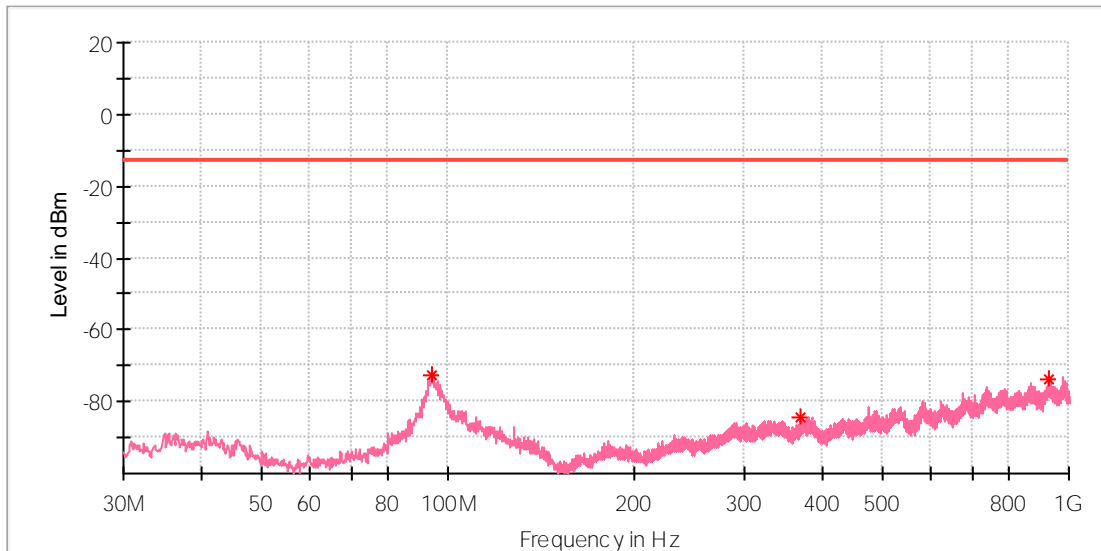
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.246250	-77.73	-13.00	64.73	100.0	H	321.0	-112.4
237.458750	-83.97	-13.00	70.97	100.0	H	258.0	-110.9
642.797500	-77.61	-13.00	64.61	100.0	H	84.0	-104.6

Produkte
Products

EUT Information

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

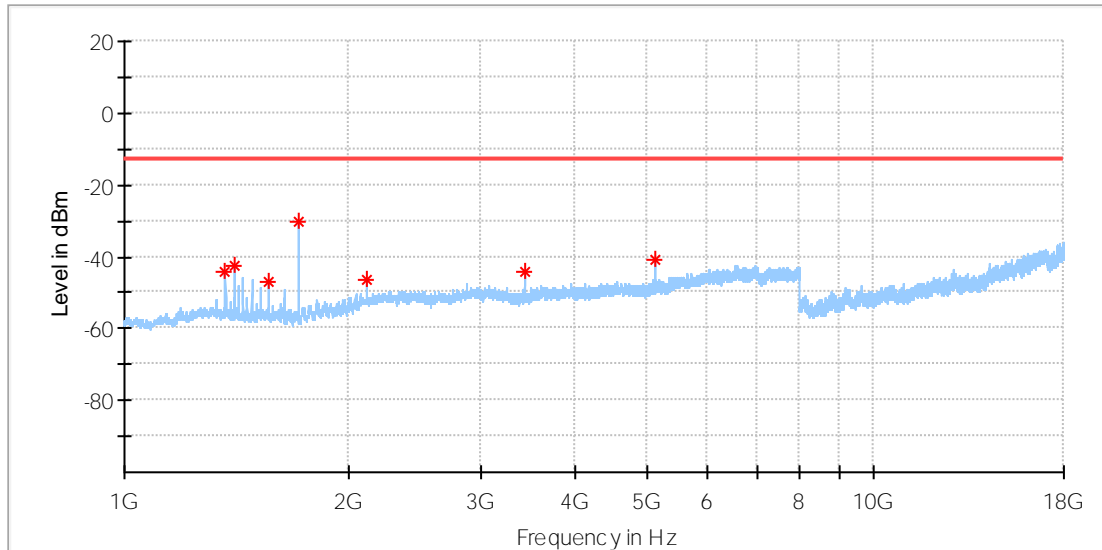
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.020000	-72.60	-13.00	59.60	100.0	V	158.0	-99.9
370.348750	-84.46	-13.00	71.46	100.0	V	266.0	-111.0
930.523750	-73.96	-13.00	60.96	100.0	V	337.0	-100.4

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
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



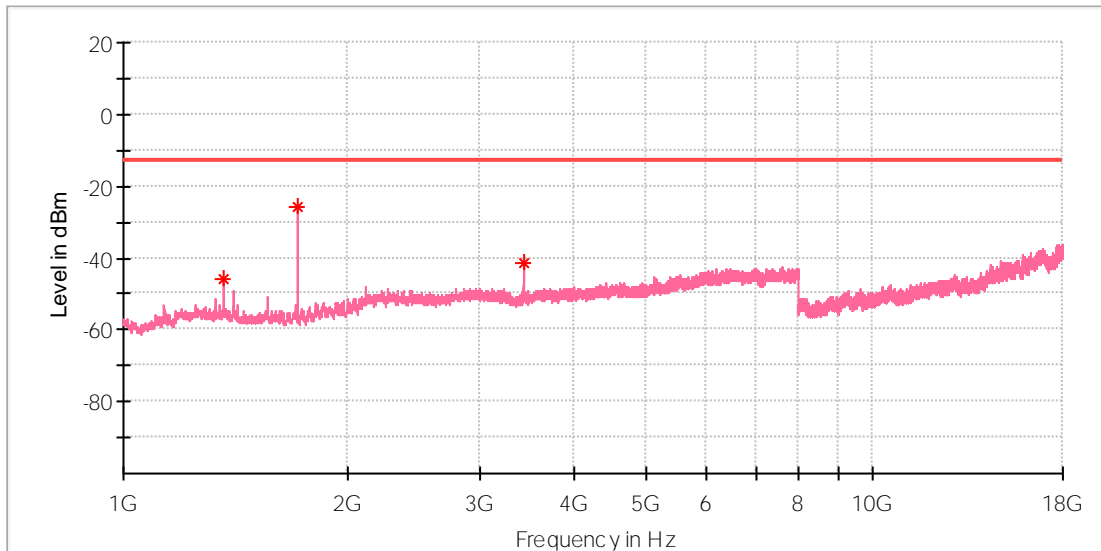
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1364.500000	-44.14	-13.00	31.14	100.0	H	3.0	-92.3
1403.000000	-42.59	-13.00	29.59	100.0	H	11.0	-92.9
1561.000000	-47.25	-13.00	34.25	100.0	H	7.0	-93.0
1710.000000	-30.44	-13.00	17.44	100.0	H	273.0	-92.1
2110.500000	-46.63	-13.00	33.63	100.0	H	227.0	-89.0
3420.000000	-44.13	-13.00	31.13	100.0	H	0.0	-87.9
5130.500000	-40.93	-13.00	27.93	100.0	H	317.0	-84.8

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
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

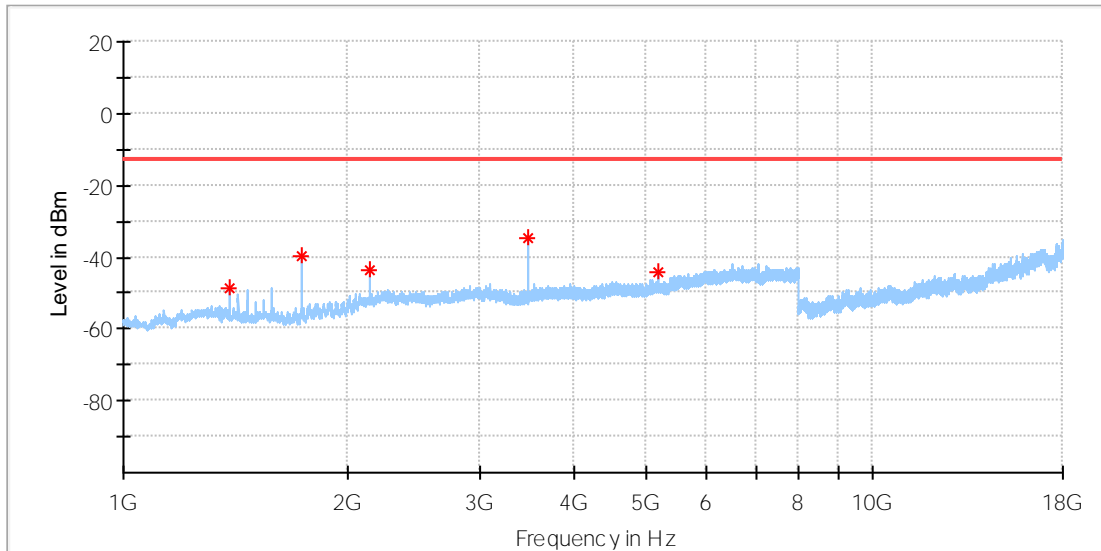
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1364.000000	-45.63	-13.00	32.63	100.0	V	160.0	-92.0
1710.500000	-25.87	-13.00	12.87	100.0	V	71.0	-91.9
3420.000000	-41.30	-13.00	28.30	100.0	V	281.0	-87.7

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
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

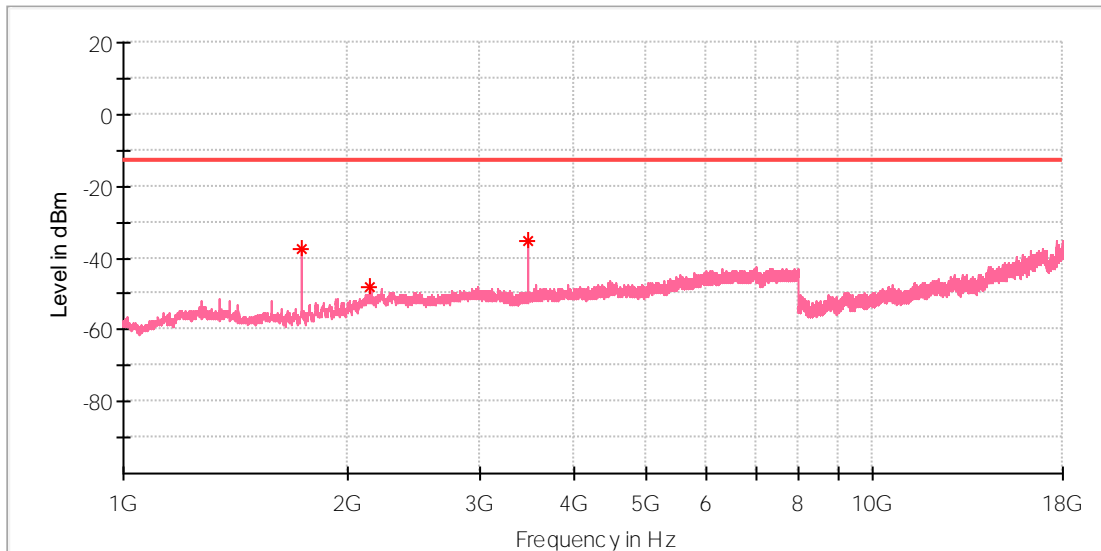


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1386.000000	-48.70	-13.00	35.70	100.0	H	31.0	-93.2
1732.500000	-39.94	-13.00	26.94	100.0	H	89.0	-91.4
2132.500000	-43.72	-13.00	30.72	100.0	H	129.0	-88.2
3463.500000	-34.49	-13.00	21.49	100.0	H	226.0	-88.1
5195.500000	-44.25	-13.00	31.25	100.0	H	261.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
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

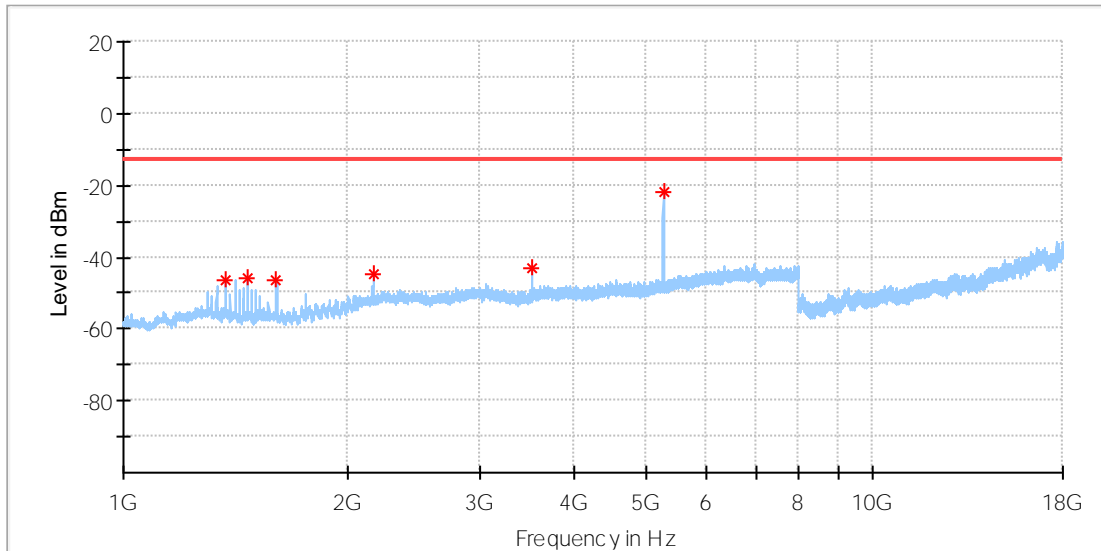
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1732.000000	-37.23	-13.00	24.23	100.0	V	98.0	-91.6
2132.000000	-47.89	-13.00	34.89	100.0	V	80.0	-87.7
3463.500000	-35.07	-13.00	22.07	100.0	V	135.0	-87.8

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
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

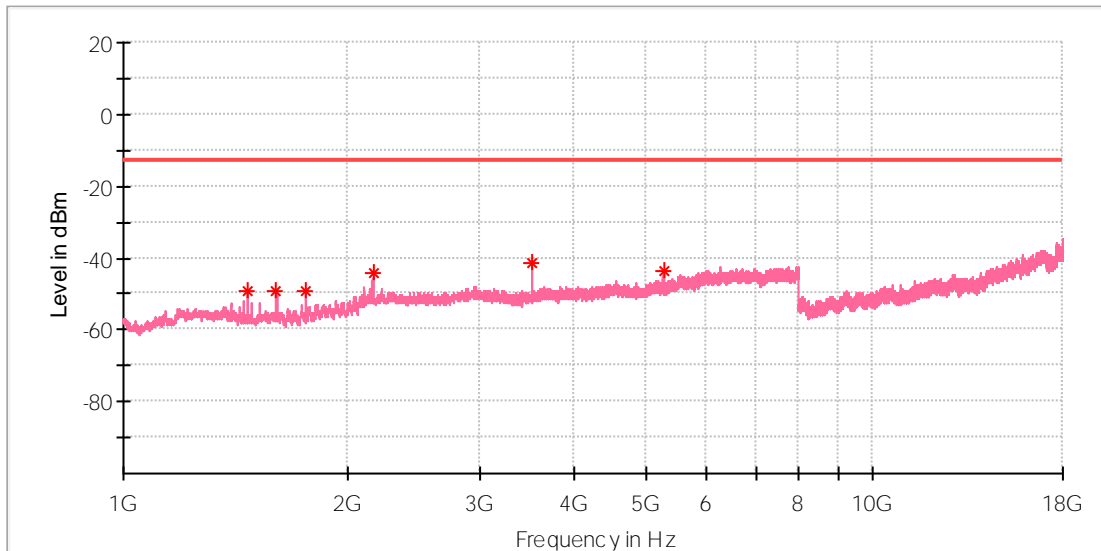


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1370.500000	-46.31	-13.00	33.31	100.0	H	9.0	-92.2
1467.000000	-45.98	-13.00	32.98	100.0	H	354.0	-93.3
1602.000000	-46.60	-13.00	33.60	100.0	H	263.0	-92.8
2155.000000	-44.77	-13.00	31.77	100.0	H	39.0	-88.6
3509.500000	-42.80	-13.00	29.80	100.0	H	15.0	-87.3
5264.000000	-21.81	-13.00	8.81	100.0	H	343.0	-85.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
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

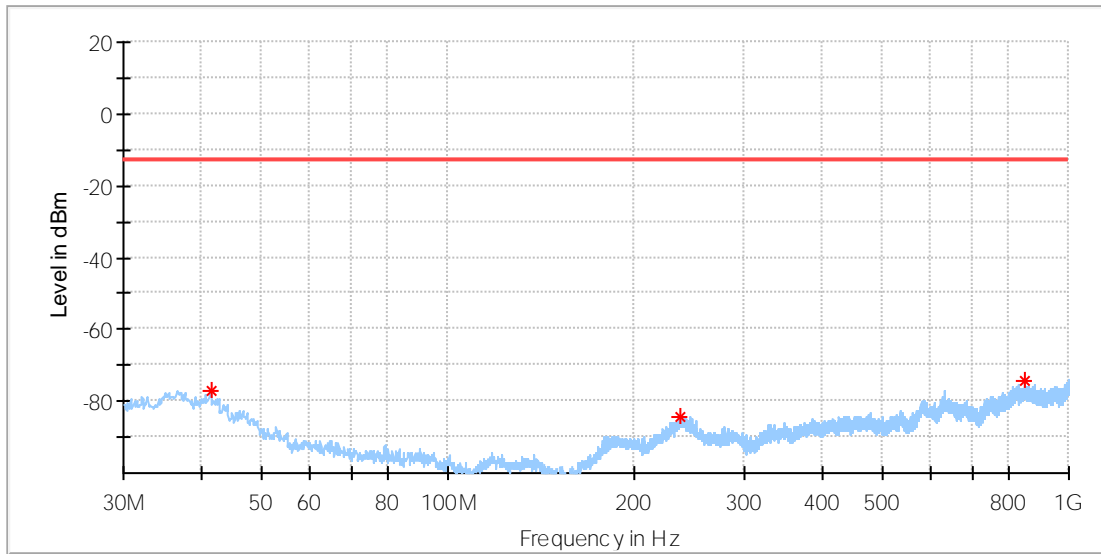
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1466.500000	-49.36	-13.00	36.36	100.0	V	266.0	-93.8
1602.000000	-49.09	-13.00	36.09	100.0	V	88.0	-92.9
1754.500000	-49.35	-13.00	36.35	100.0	V	83.0	-91.4
2154.500000	-43.97	-13.00	30.97	100.0	V	118.0	-88.1
3509.000000	-41.16	-13.00	28.16	100.0	V	356.0	-87.5
5264.000000	-43.70	-13.00	30.70	100.0	V	289.0	-85.1

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-W1
Test Mode:	TX 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

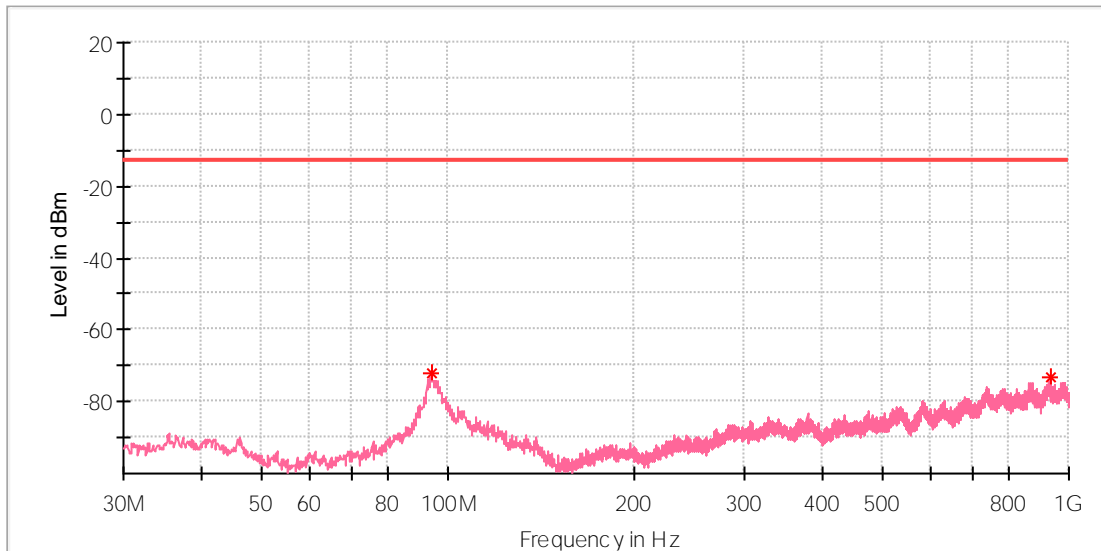


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.518750	-77.37	-13.00	64.37	100.0	H	100.0	-112.2
237.216250	-84.41	-13.00	71.41	100.0	H	203.0	-111.0
849.043750	-74.07	-13.00	61.07	100.0	H	216.0	-100.1

EUT Information

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

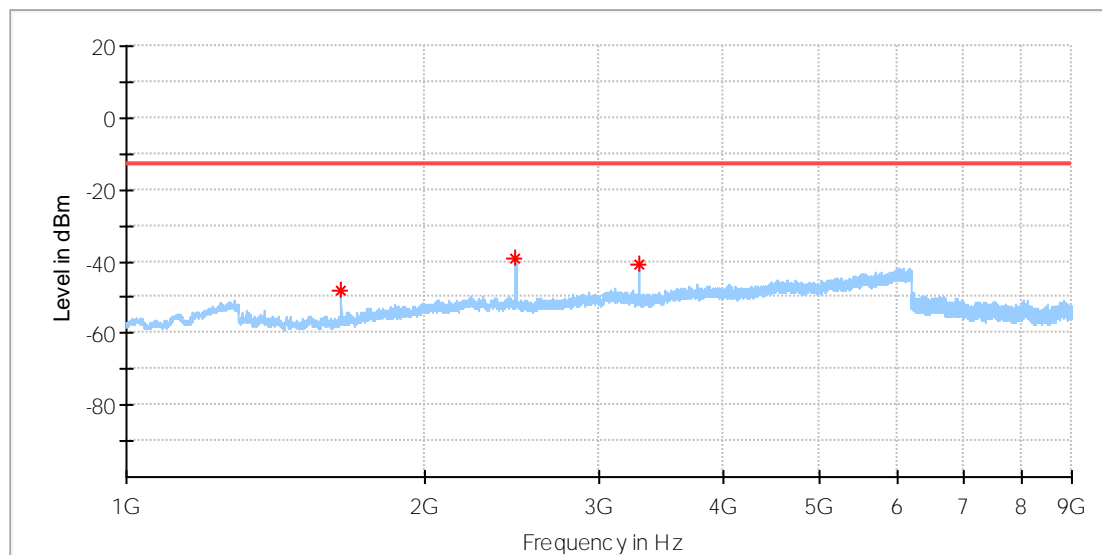
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.141250	-72.07	-13.00	59.07	100.0	V	9.0	-99.7
934.888750	-73.34	-13.00	60.34	100.0	V	9.0	-100.5

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



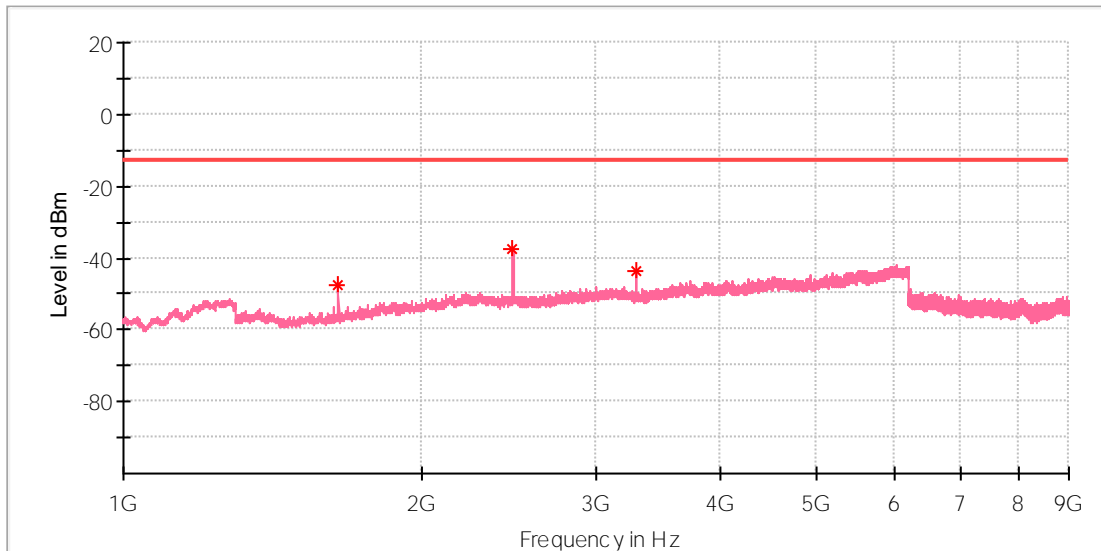
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-47.95	-13.00	34.95	100.0	H	93.0	-92.4
2472.500000	-39.23	-13.00	26.23	100.0	H	232.0	-87.9
3297.000000	-41.02	-13.00	28.02	100.0	H	93.0	-87.2

Produkte
 Products

EUT Information

EUT Name: DATA TERMINAL MODULE
 Model: ME310G1-W1
 Test Mode: TX Low 1.4M QPSK 1@0
 Test Voltage:: DC 3.8V
 Remark: Temp 24 Humi:45%
 Test Standard: FCC Part 22 and RSS-132 Issue 3
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

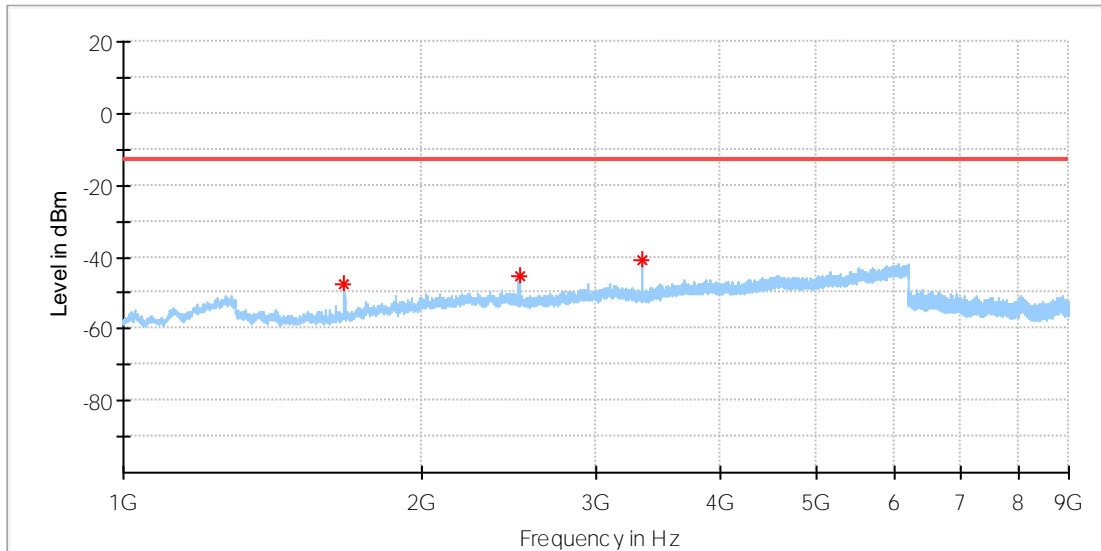
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-47.60	-13.00	34.60	100.0	V	78.0	-92.4
2472.500000	-37.40	-13.00	24.40	100.0	V	57.0	-88.0
3297.000000	-43.87	-13.00	30.87	100.0	V	350.0	-87.3

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



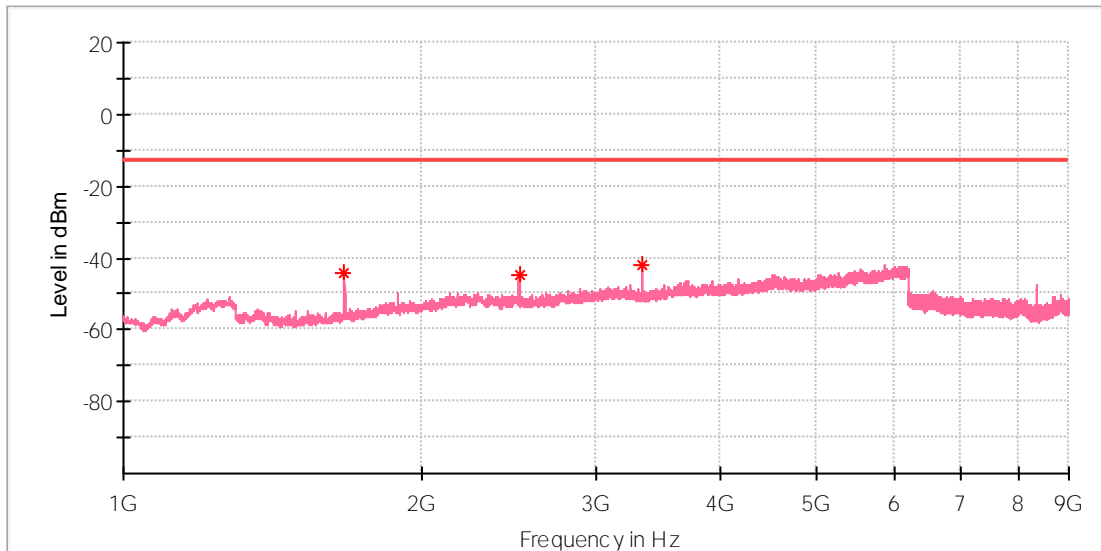
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-47.47	-13.00	34.47	100.0	H	80.0	-92.5
2508.000000	-45.16	-13.00	32.16	100.0	H	221.0	-88.3
3344.000000	-40.61	-13.00	27.61	100.0	H	80.0	-87.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

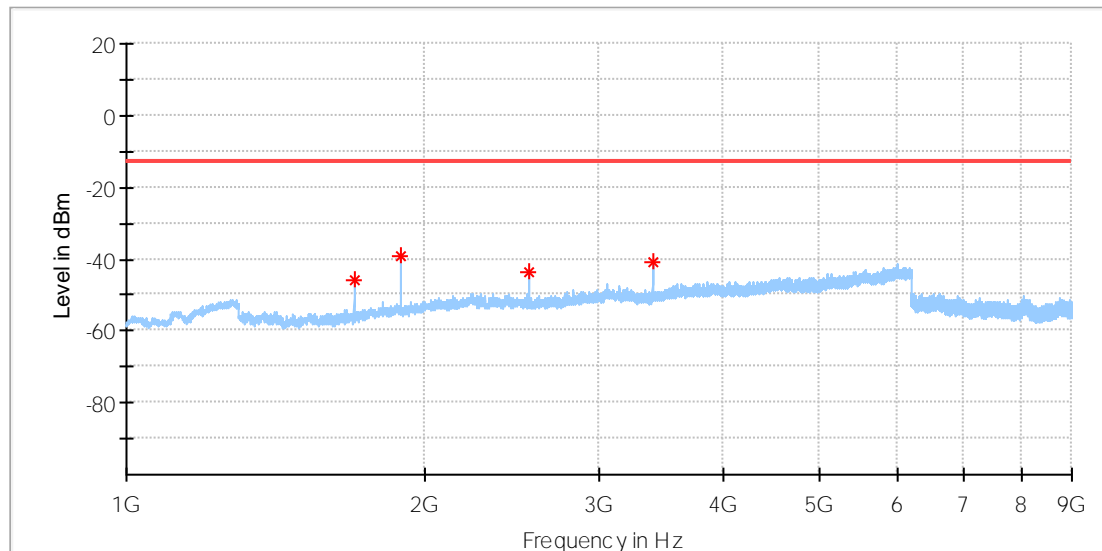
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1671.500000	-44.03	-13.00	31.03	100.0	V	71.0	-92.2
2508.000000	-44.64	-13.00	31.64	100.0	V	50.0	-88.2
3344.000000	-41.80	-13.00	28.80	100.0	V	251.0	-87.3

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



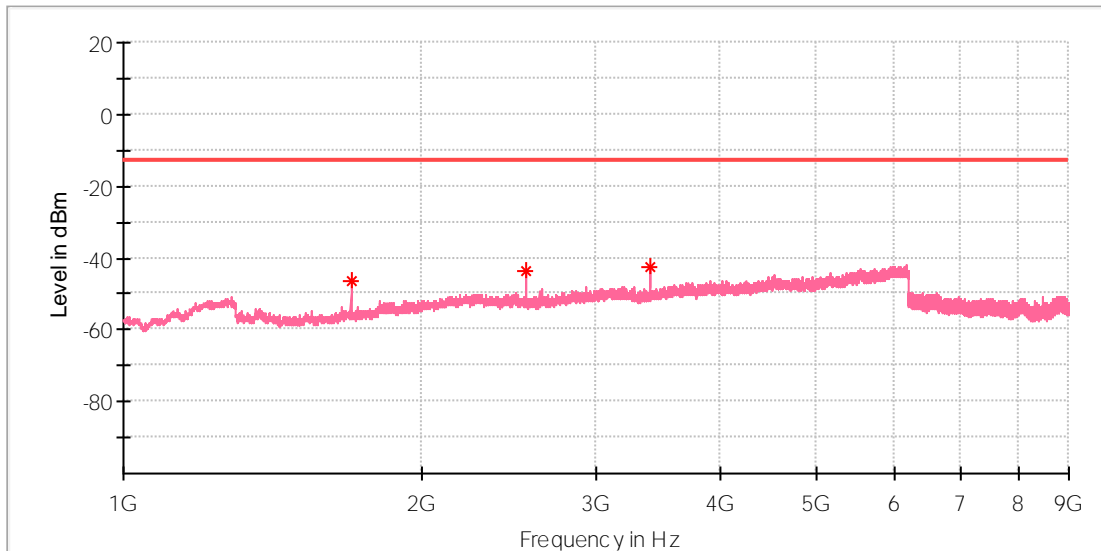
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.000000	-46.04	-13.00	33.04	100.0	H	44.0	-92.4
1889.500000	-39.11	-13.00	26.11	100.0	H	207.0	-90.3
2546.000000	-43.54	-13.00	30.54	100.0	H	37.0	-88.3
3394.500000	-40.71	-13.00	27.71	100.0	H	87.0	-87.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

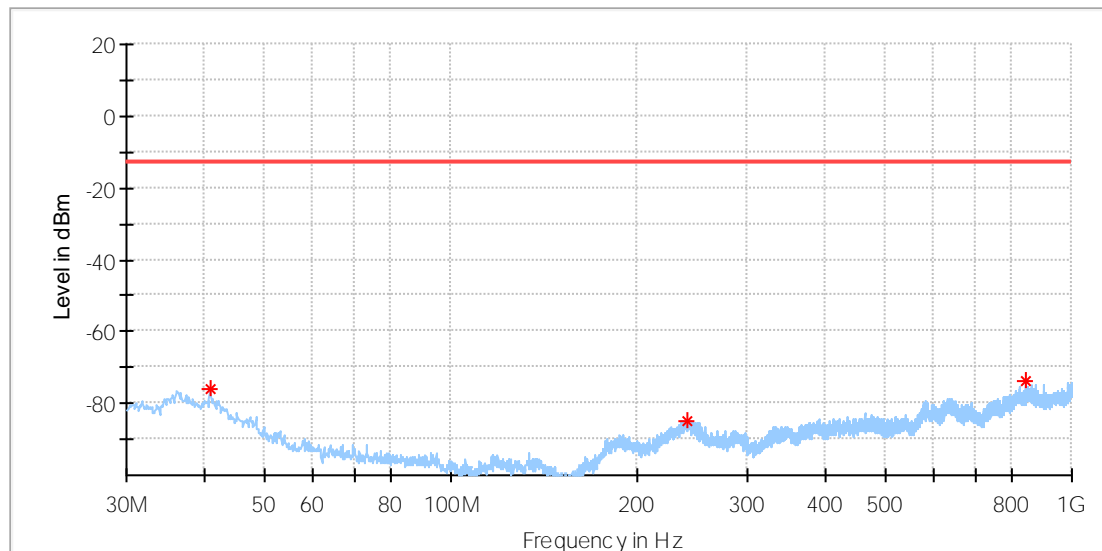
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.000000	-46.17	-13.00	33.17	100.0	V	139.0	-92.1
2546.000000	-43.59	-13.00	30.59	100.0	V	55.0	-88.4
3395.000000	-42.70	-13.00	29.70	100.0	V	0.0	-87.1

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

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



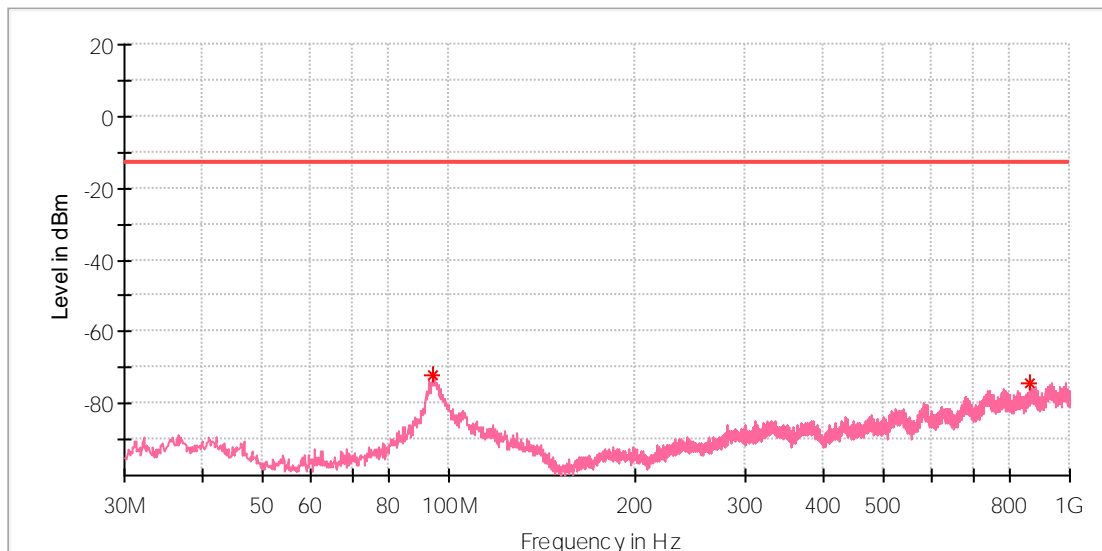
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
40.912500	-75.82	-13.00	62.82	100.0	H	9.0	-112.4
239.398750	-85.01	-13.00	72.01	100.0	H	323.0	-110.6
844.193750	-73.92	-13.00	60.92	100.0	H	165.0	-100.9

Produkte
 Products

EUT Information

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

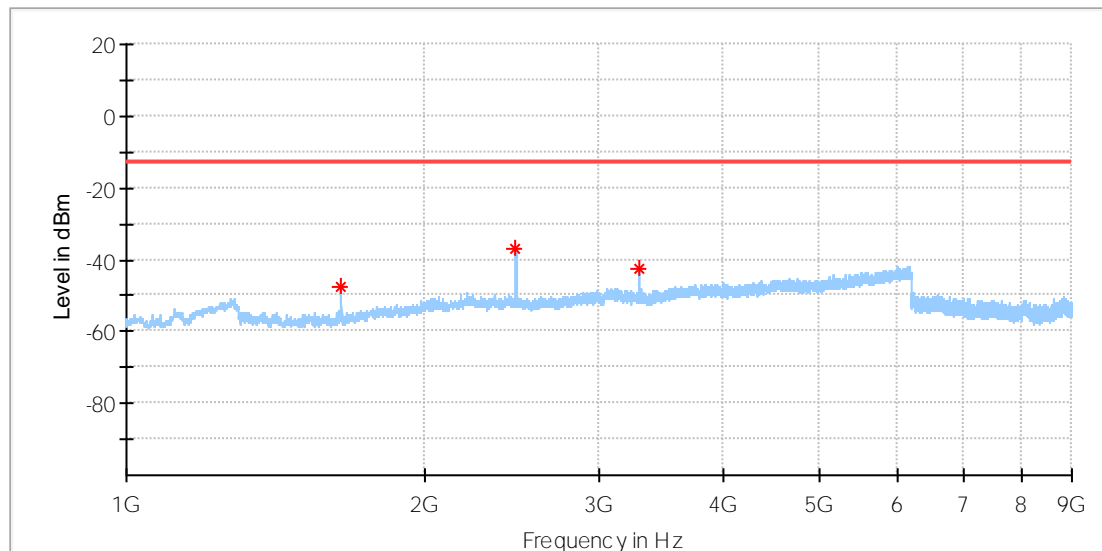
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.262500	-72.32	-13.00	59.32	100.0	V	357.0	-99.6
864.685000	-74.56	-13.00	61.56	100.0	V	229.0	-100.8

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



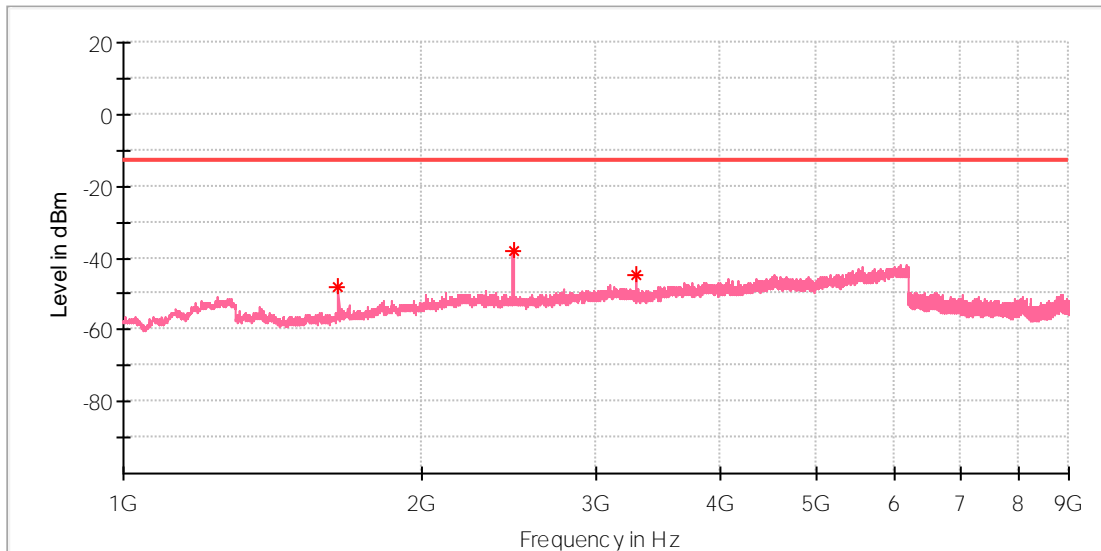
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-47.40	-13.00	34.40	100.0	H	51.0	-92.4
2472.500000	-36.70	-13.00	23.70	100.0	H	30.0	-87.9
3296.500000	-42.70	-13.00	29.70	100.0	H	100.0	-87.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

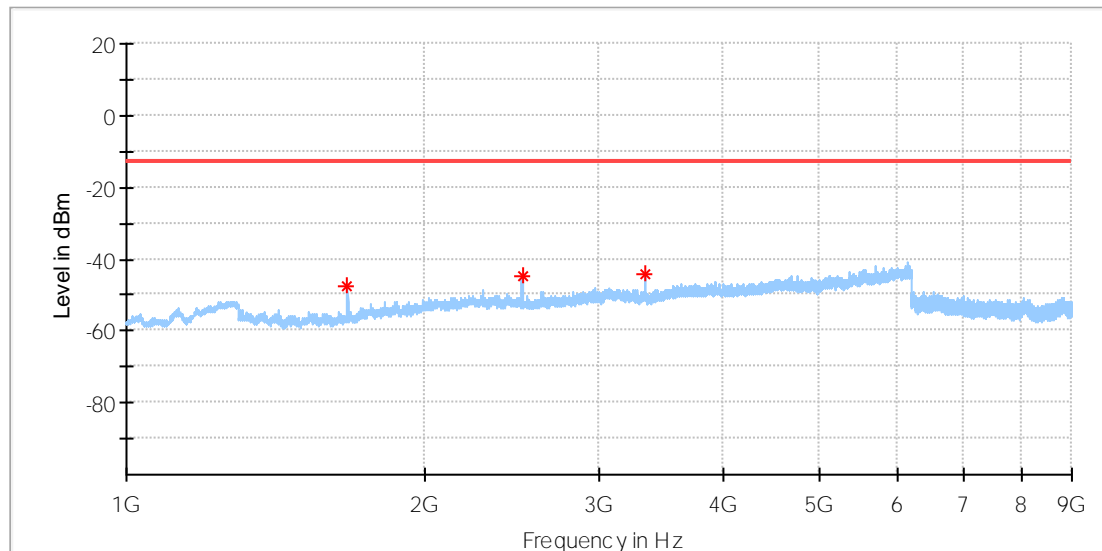
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-48.01	-13.00	35.01	100.0	V	86.0	-92.4
2473.000000	-38.07	-13.00	25.07	100.0	V	51.0	-88.0
3297.000000	-44.61	-13.00	31.61	100.0	V	268.0	-87.3

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



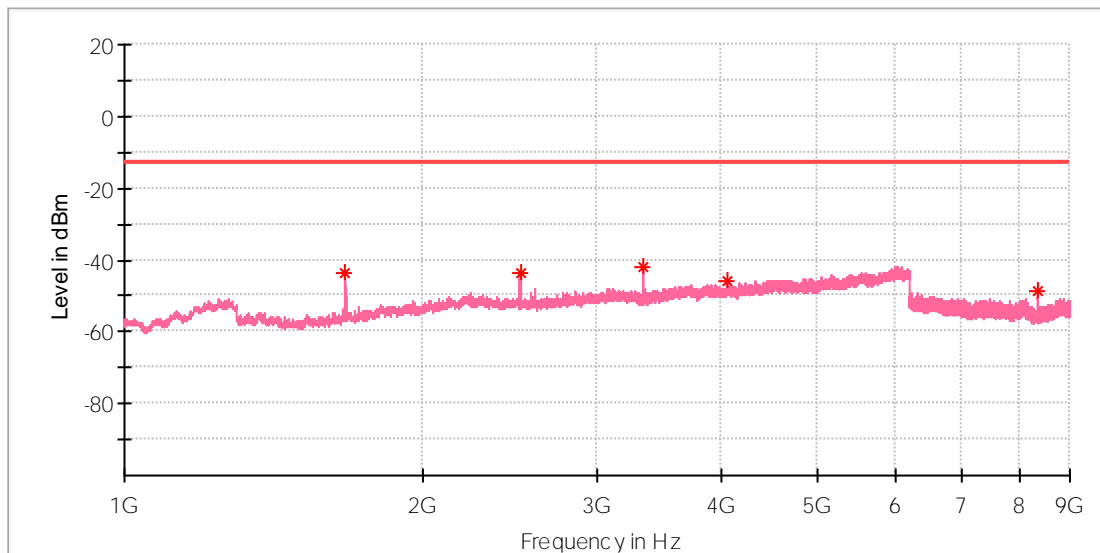
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-47.27	-13.00	34.27	100.0	H	91.0	-92.5
2508.000000	-44.88	-13.00	31.88	100.0	H	35.0	-88.3
3344.000000	-44.16	-13.00	31.16	100.0	H	356.0	-87.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

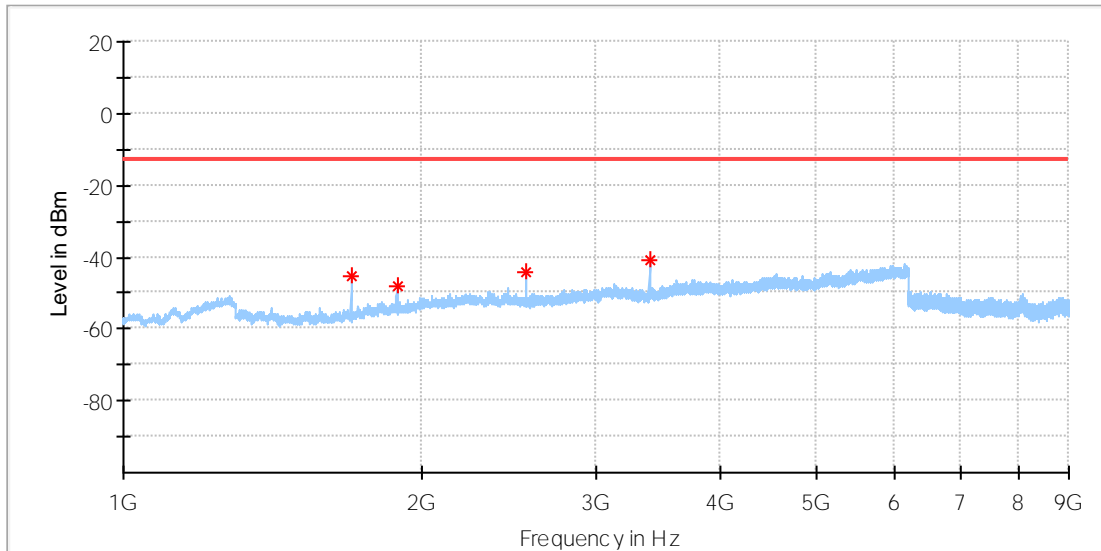
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-43.82	-13.00	30.82	100.0	V	70.0	-92.2
2508.000000	-43.48	-13.00	30.48	100.0	V	56.0	-88.2
3344.000000	-41.87	-13.00	28.87	100.0	V	4.0	-87.3
4054.000000	-45.92	-13.00	32.92	100.0	V	139.0	-85.1
8361.133333	-48.70	-13.00	35.70	100.0	V	4.0	-87.8

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



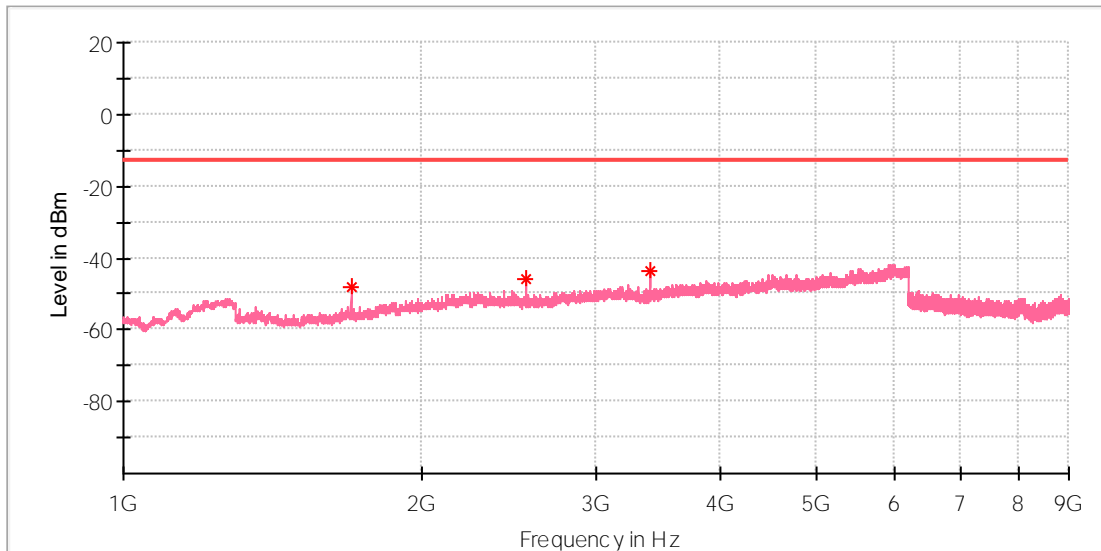
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.000000	-45.19	-13.00	32.19	100.0	H	45.0	-92.4
1888.500000	-48.28	-13.00	35.28	100.0	H	219.0	-90.3
2546.500000	-44.34	-13.00	31.34	100.0	H	38.0	-88.3
3395.000000	-40.86	-13.00	27.86	100.0	H	87.0	-87.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

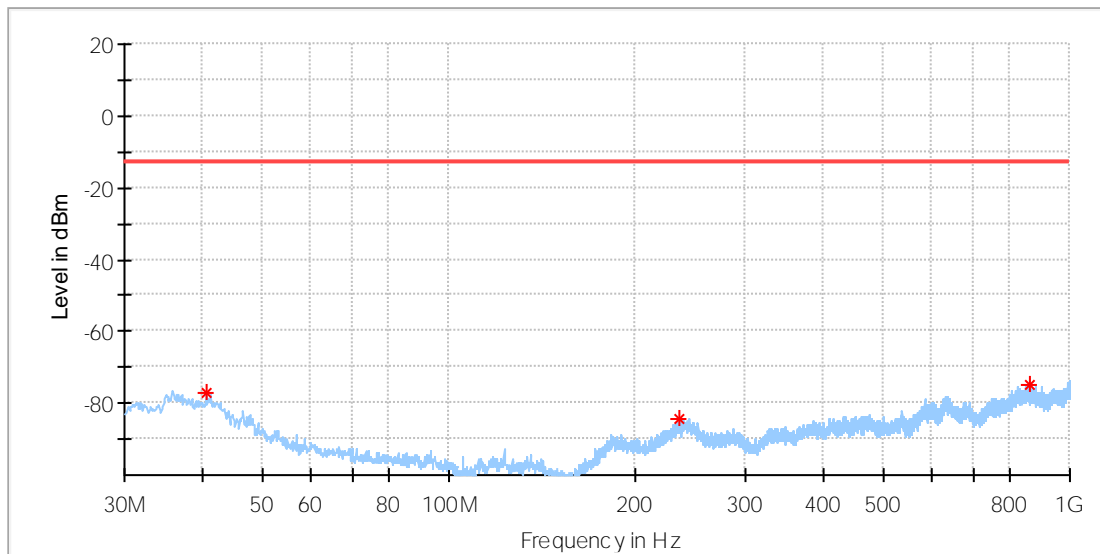
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.500000	-48.20	-13.00	35.20	100.0	V	85.0	-92.1
2546.000000	-45.99	-13.00	32.99	100.0	V	29.0	-88.4
3394.500000	-43.63	-13.00	30.63	100.0	V	134.0	-87.1

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-W1
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

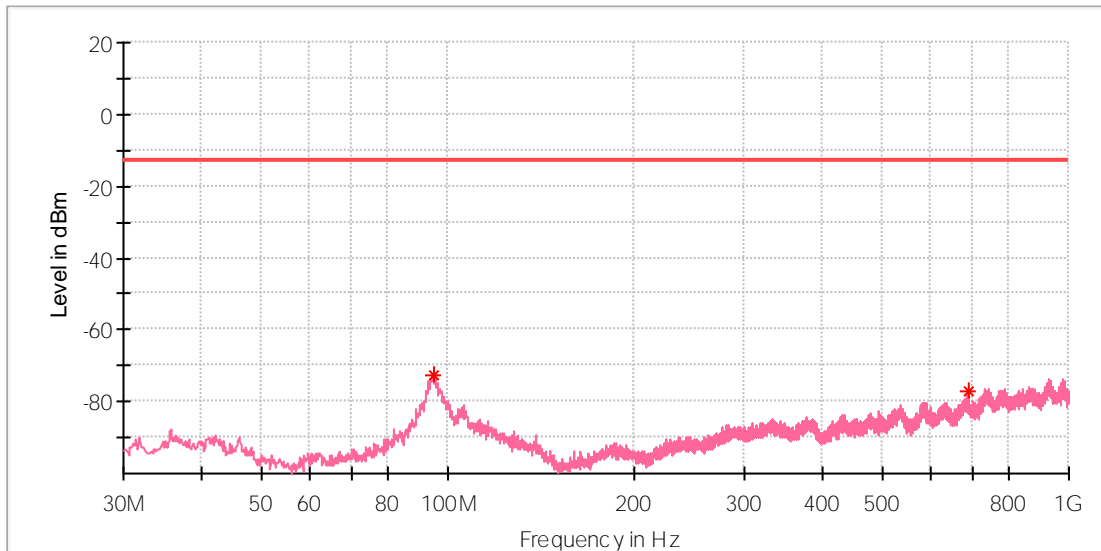


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
40.670000	-76.94	-13.00	63.94	100.0	H	89.0	-112.6
234.063750	-84.59	-13.00	71.59	100.0	H	342.0	-111.8
861.653750	-74.79	-13.00	61.79	100.0	H	352.0	-100.9

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M 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

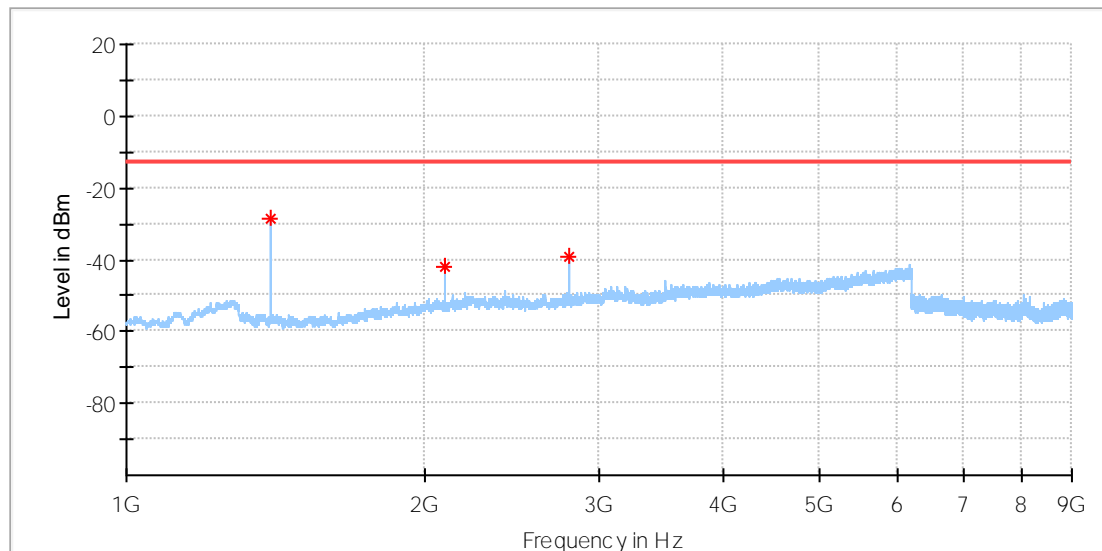
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
95.232500	-72.42	-13.00	59.42	100.0	V	270.0	-99.8
691.055000	-77.22	-13.00	64.22	100.0	V	99.0	-104.8

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

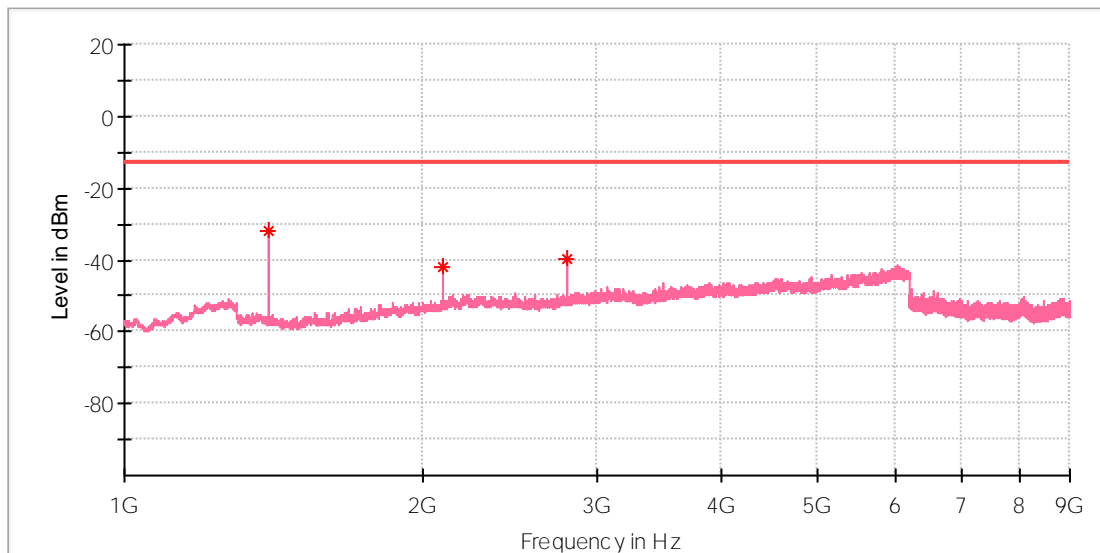


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-28.47	-13.00	15.47	100.0	H	205.0	-93.0
2097.500000	-42.02	-13.00	29.02	100.0	H	275.0	-88.8
2796.500000	-39.21	-13.00	26.21	100.0	H	10.0	-87.4

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

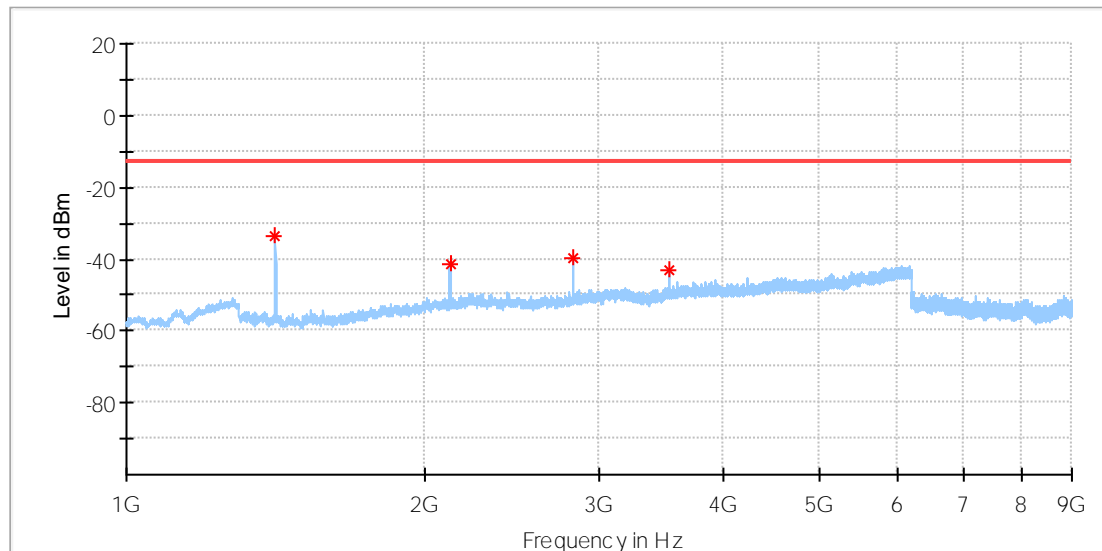
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-31.88	-13.00	18.88	100.0	V	191.0	-92.9
2097.500000	-42.05	-13.00	29.05	100.0	V	93.0	-88.6
2797.000000	-39.95	-13.00	26.95	100.0	V	323.0	-87.3

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



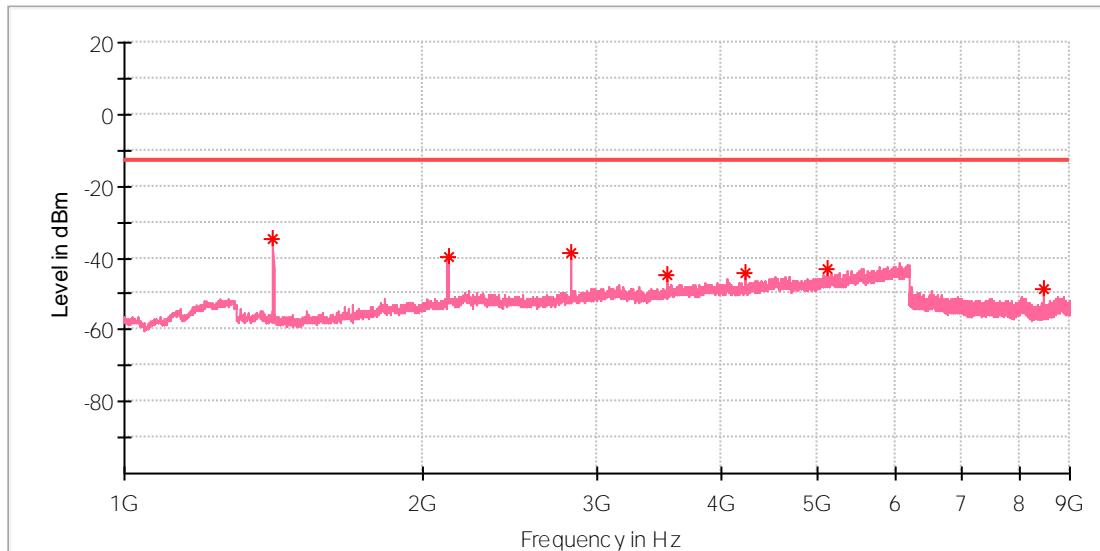
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-33.67	-13.00	20.67	100.0	H	203.0	-92.5
2121.000000	-41.40	-13.00	28.40	100.0	H	336.0	-88.6
2828.000000	-39.99	-13.00	26.99	100.0	H	30.0	-87.5
3535.000000	-43.12	-13.00	30.12	100.0	H	10.0	-85.9

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

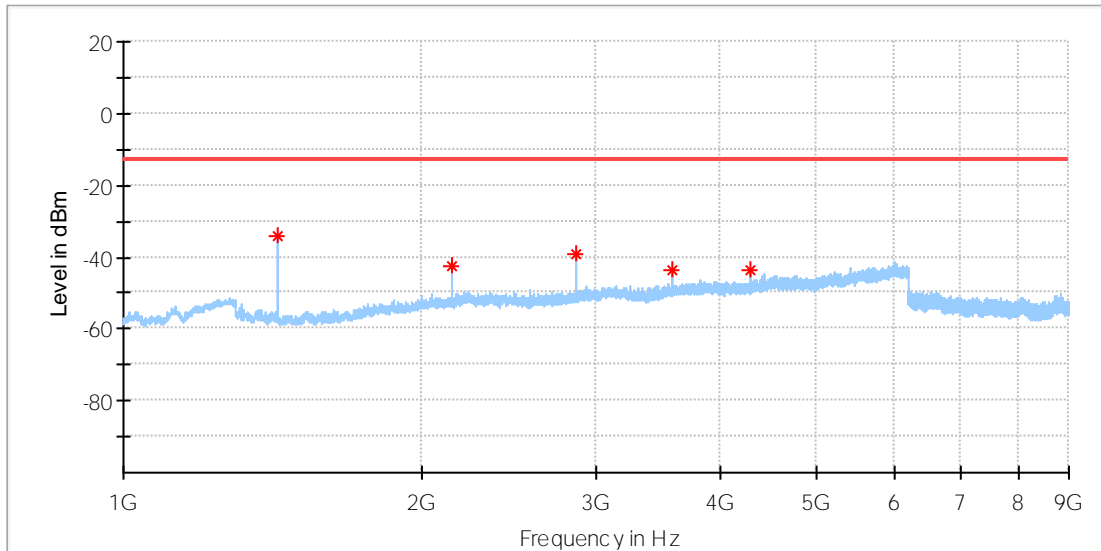
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-34.94	-13.00	21.94	100.0	V	178.0	-92.9
2121.000000	-39.66	-13.00	26.66	100.0	V	330.0	-88.1
2828.000000	-38.53	-13.00	25.53	100.0	V	337.0	-87.4
3535.000000	-44.51	-13.00	31.51	100.0	V	73.0	-86.1
4242.000000	-43.98	-13.00	30.98	100.0	V	0.0	-85.2
5124.500000	-43.06	-13.00	30.06	100.0	V	295.0	-83.1
8484.566667	-48.67	-13.00	35.67	100.0	V	154.0	-87.5

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



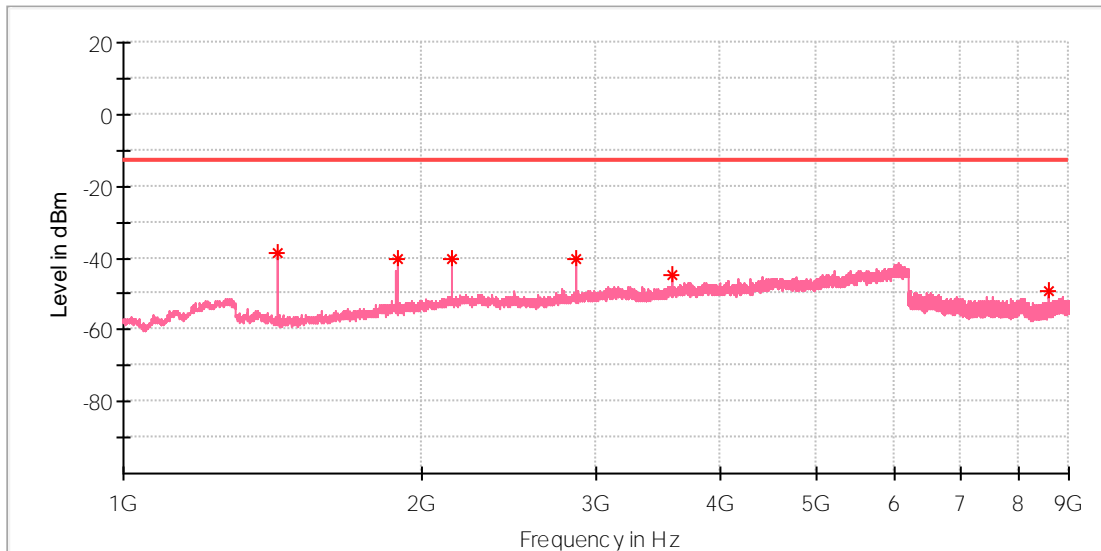
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-34.24	-13.00	21.24	100.0	H	143.0	-93.5
2147.500000	-42.71	-13.00	29.71	100.0	H	344.0	-88.6
2863.000000	-38.94	-13.00	25.94	100.0	H	17.0	-87.0
3578.500000	-43.51	-13.00	30.51	100.0	H	239.0	-85.8
4294.500000	-43.60	-13.00	30.60	100.0	H	0.0	-85.2

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

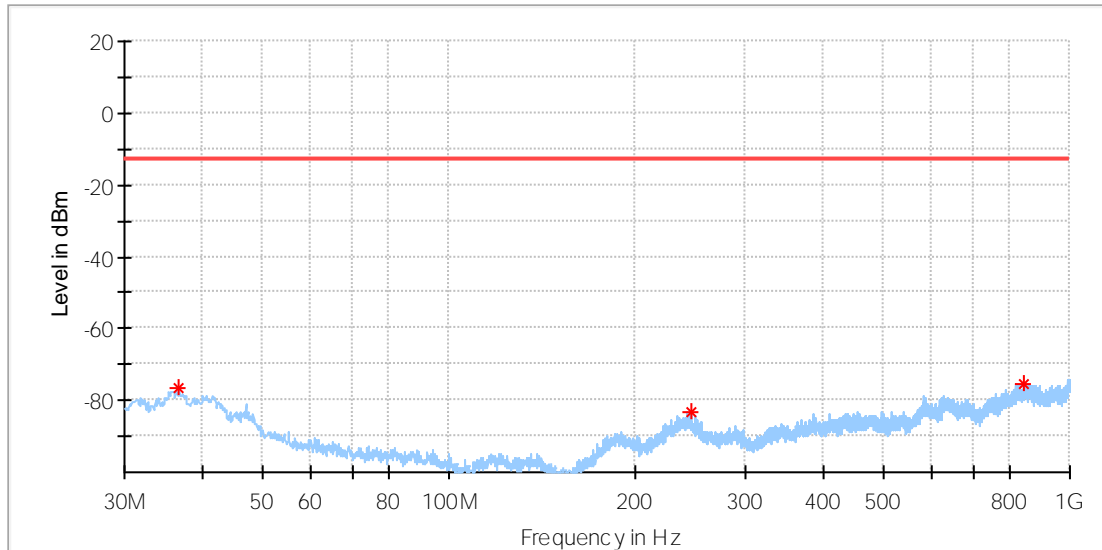
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-38.43	-13.00	25.43	100.0	V	177.0	-93.6
1888.500000	-40.04	-13.00	27.04	100.0	V	170.0	-90.4
2147.000000	-40.30	-13.00	27.30	100.0	V	100.0	-88.0
2863.000000	-40.33	-13.00	27.33	100.0	V	44.0	-86.9
3578.500000	-44.65	-13.00	31.65	100.0	V	295.0	-85.8
8588.516667	-49.22	-13.00	36.22	100.0	V	348.0	-87.2

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

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



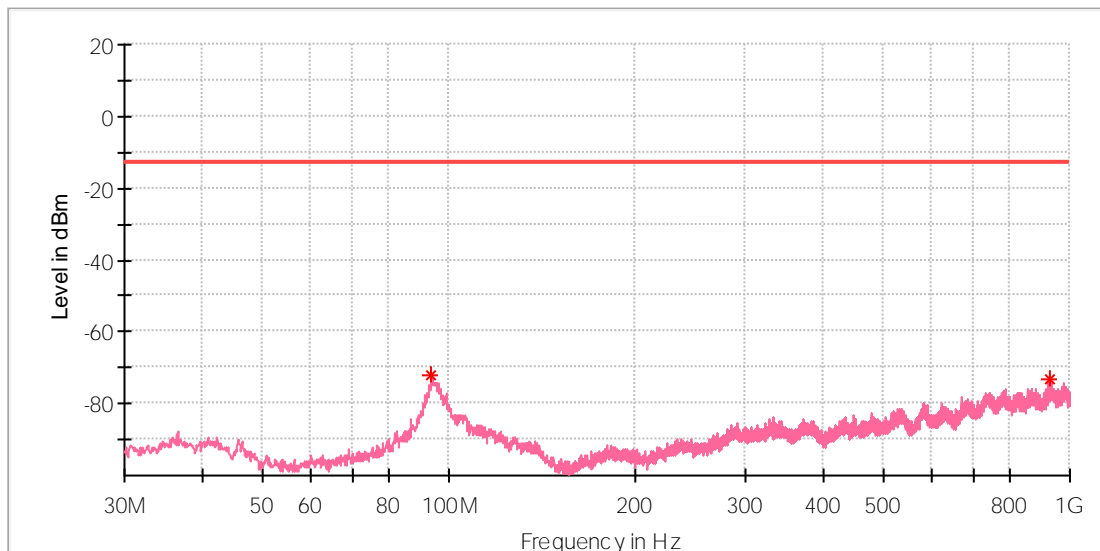
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.790000	-76.56	-13.00	63.56	100.0	H	0.0	-113.2
245.340000	-83.22	-13.00	70.22	100.0	H	78.0	-110.0
844.193750	-75.54	-13.00	62.54	100.0	H	325.0	-100.9

Produkte
Products

EUT Information

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

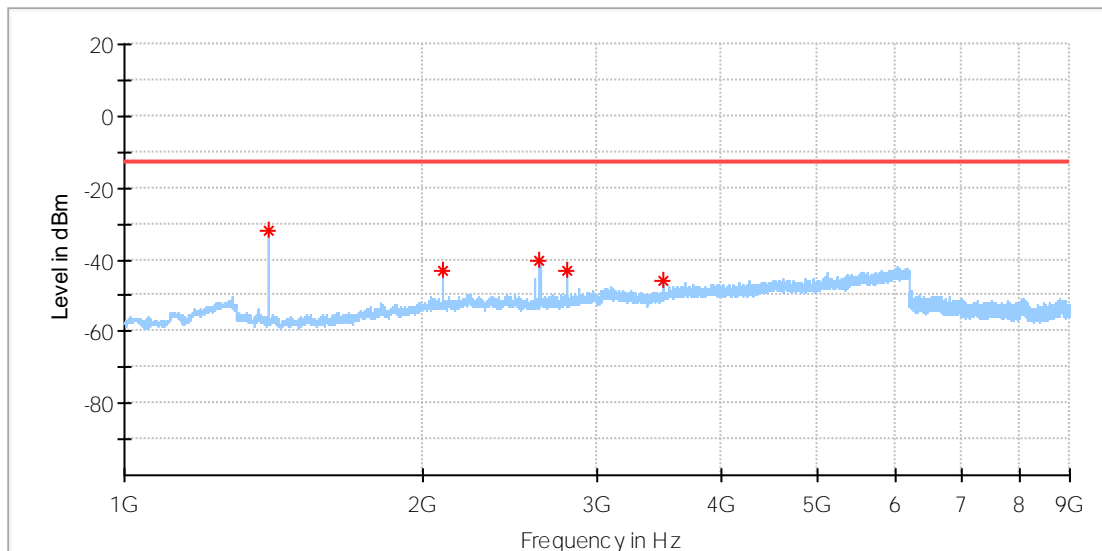
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.777500	-72.27	-13.00	59.27	100.0	V	127.0	-100.4
927.250000	-73.21	-13.00	60.21	100.0	V	83.0	-100.5

Produkte
 Products

Above 1 GHz
 Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

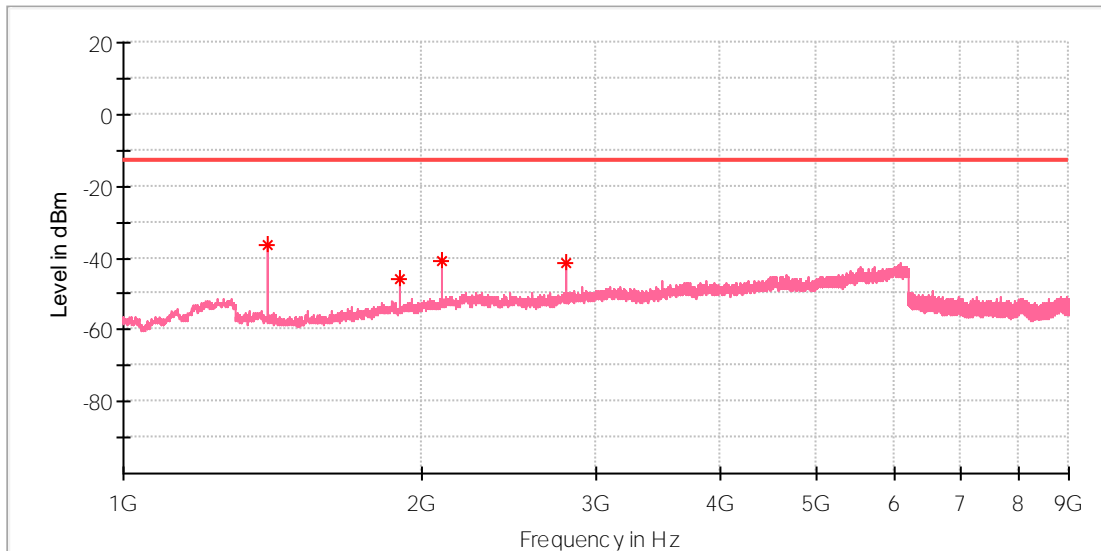


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-31.91	-13.00	18.91	100.0	H	151.0	-93.0
2097.500000	-42.86	-13.00	29.86	100.0	H	81.0	-88.8
2626.500000	-40.50	-13.00	27.50	100.0	H	205.0	-88.1
2797.000000	-42.86	-13.00	29.86	100.0	H	19.0	-87.4
3496.500000	-45.59	-13.00	32.59	100.0	H	26.0	-86.5

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

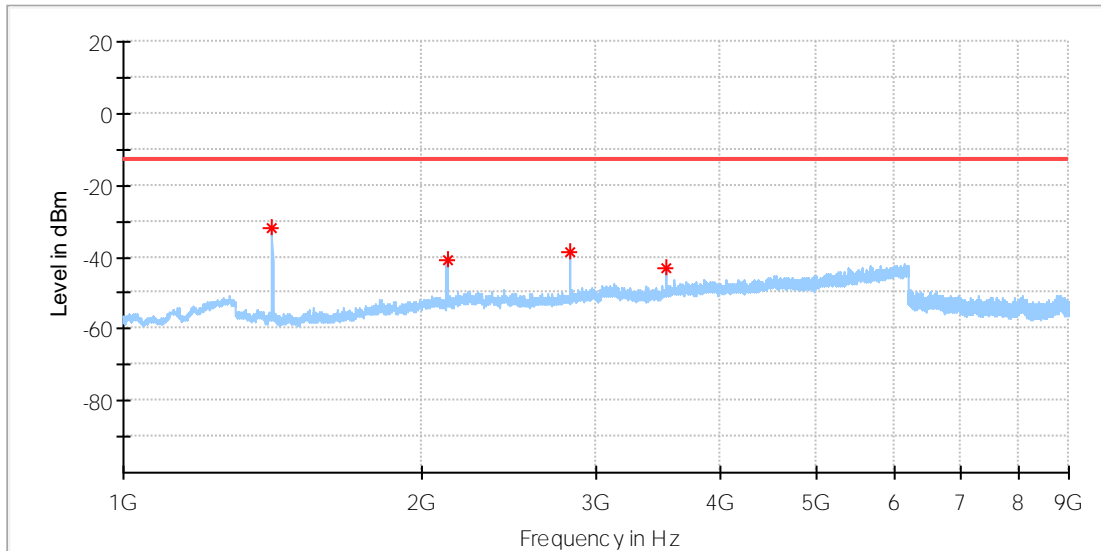
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.500000	-36.58	-13.00	23.58	100.0	V	224.0	-92.8
1903.500000	-45.72	-13.00	32.72	100.0	V	37.0	-90.1
2097.500000	-40.91	-13.00	27.91	100.0	V	308.0	-88.6
2796.500000	-41.34	-13.00	28.34	100.0	V	322.0	-87.3

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



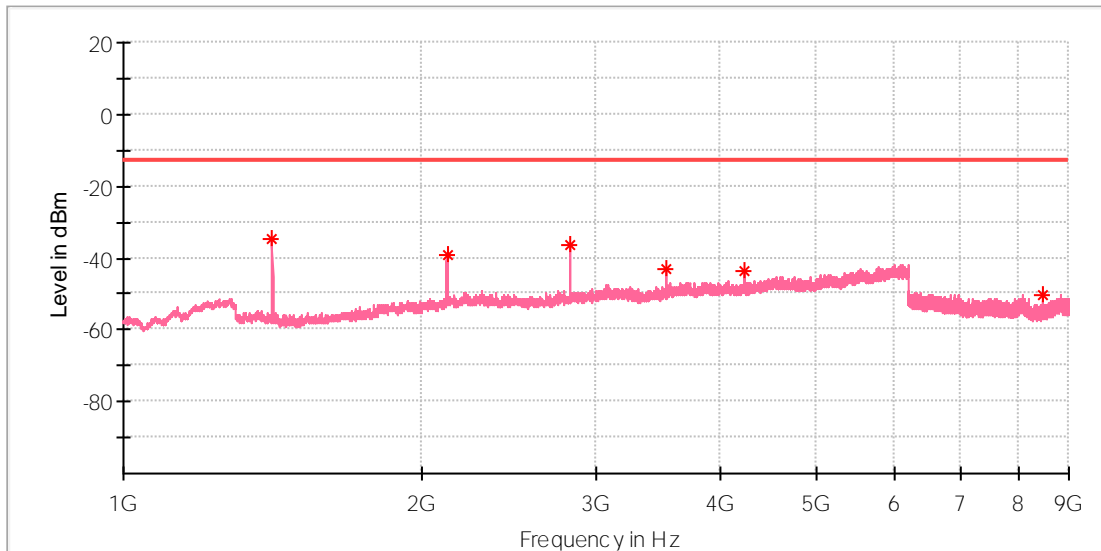
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-32.12	-13.00	19.12	100.0	H	157.0	-92.5
2121.000000	-40.83	-13.00	27.83	100.0	H	341.0	-88.6
2828.000000	-38.51	-13.00	25.51	100.0	H	16.0	-87.5
3535.500000	-43.15	-13.00	30.15	100.0	H	10.0	-85.9

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

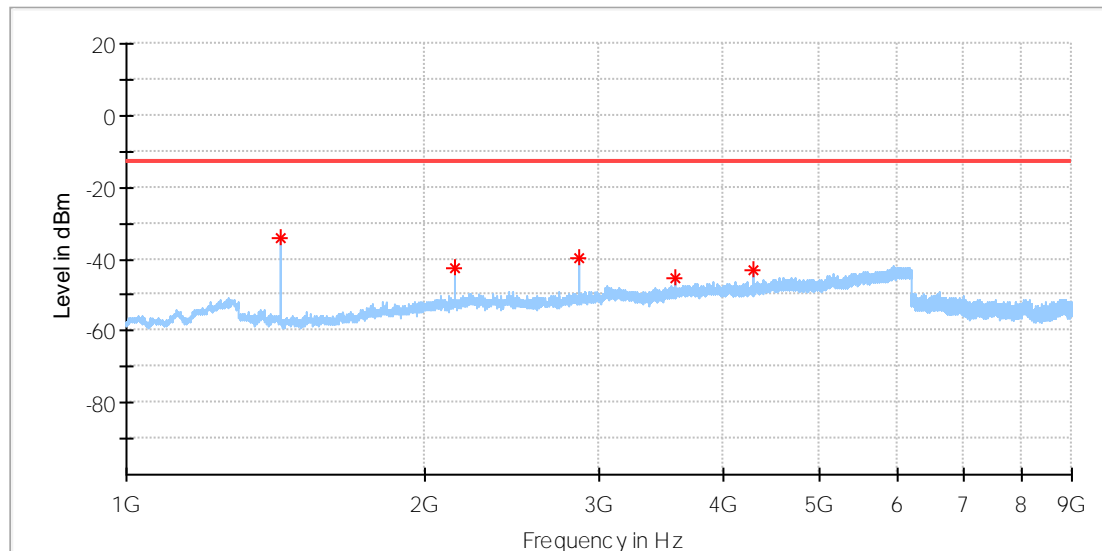
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-34.78	-13.00	21.78	100.0	V	172.0	-92.9
2121.000000	-39.27	-13.00	26.27	100.0	V	310.0	-88.1
2828.000000	-36.38	-13.00	23.38	100.0	V	331.0	-87.4
3535.000000	-43.33	-13.00	30.33	100.0	V	67.0	-86.1
4242.500000	-43.89	-13.00	30.89	100.0	V	6.0	-85.2
8484.566667	-50.31	-13.00	37.31	100.0	V	152.0	-87.5

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



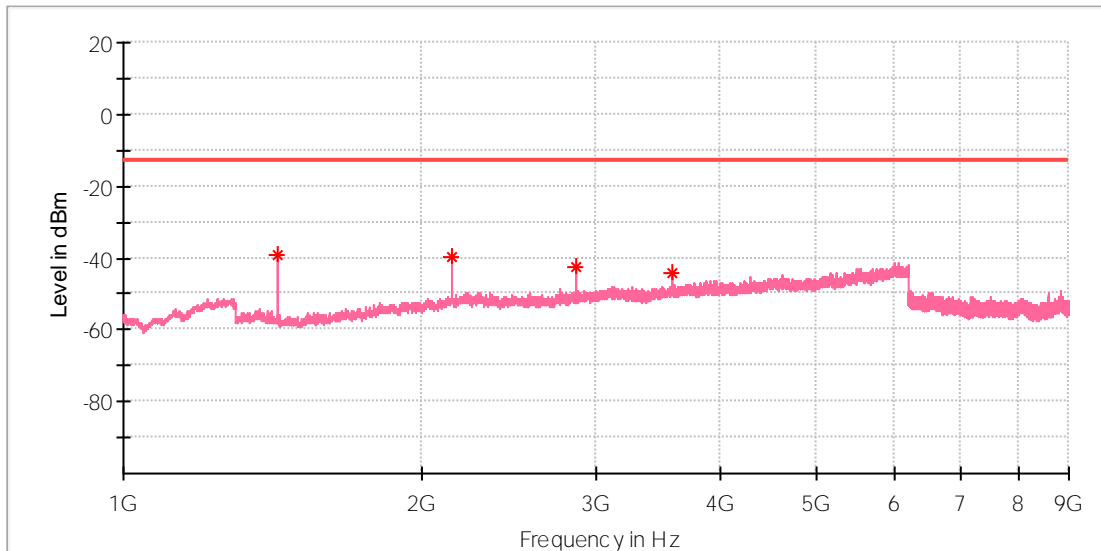
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.000000	-33.88	-13.00	20.88	100.0	H	138.0	-93.5
2147.000000	-42.53	-13.00	29.53	100.0	H	351.0	-88.6
2863.000000	-39.95	-13.00	26.95	100.0	H	24.0	-87.0
3579.000000	-45.24	-13.00	32.24	100.0	H	48.0	-85.8
4294.500000	-43.18	-13.00	30.19	100.0	H	359.0	-85.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

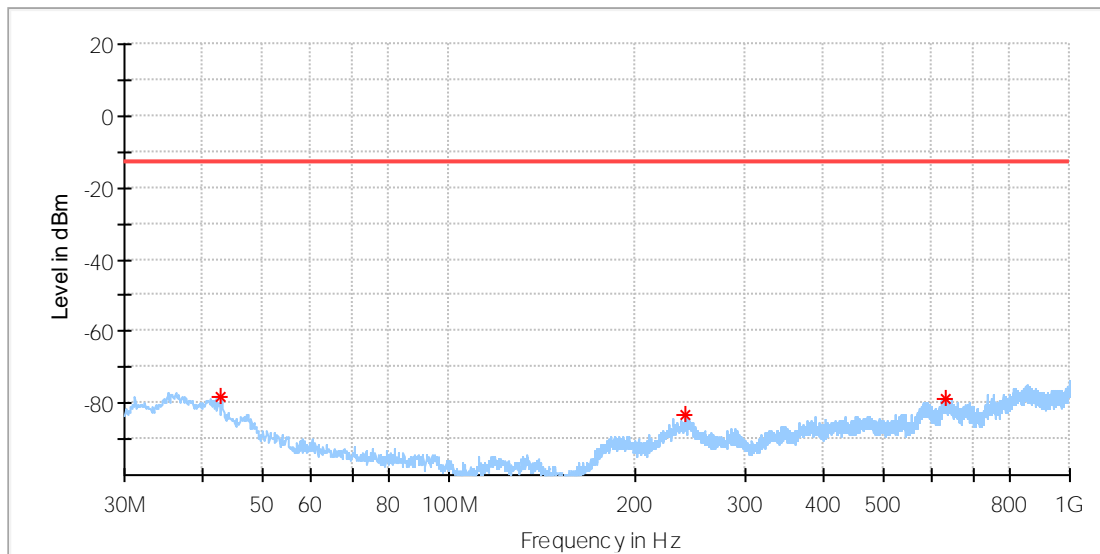
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-39.27	-13.00	26.27	100.0	V	175.0	-93.6
2147.000000	-39.83	-13.00	26.83	100.0	V	316.0	-88.0
2863.000000	-42.40	-13.00	29.40	100.0	V	344.0	-86.9
3579.000000	-44.13	-13.00	31.13	100.0	V	57.0	-85.8

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-W1
Test Mode:	TX 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



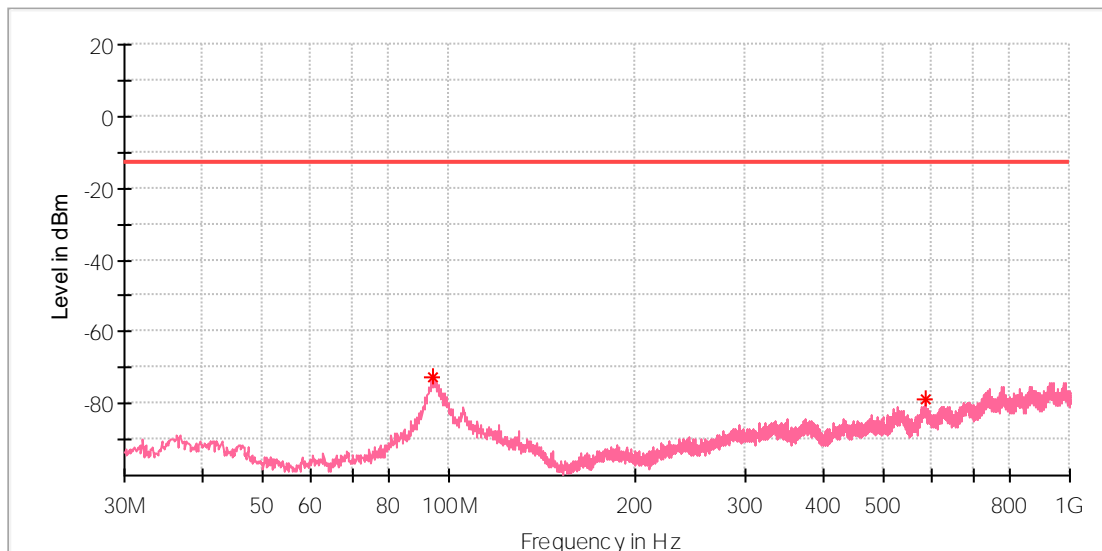
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.973750	-78.23	-13.00	65.23	100.0	H	153.0	-113.0
240.368750	-83.50	-13.00	70.50	100.0	H	139.0	-110.4
629.460000	-78.67	-13.00	65.67	100.0	H	342.0	-105.1

Produkte
 Products

EUT Information

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

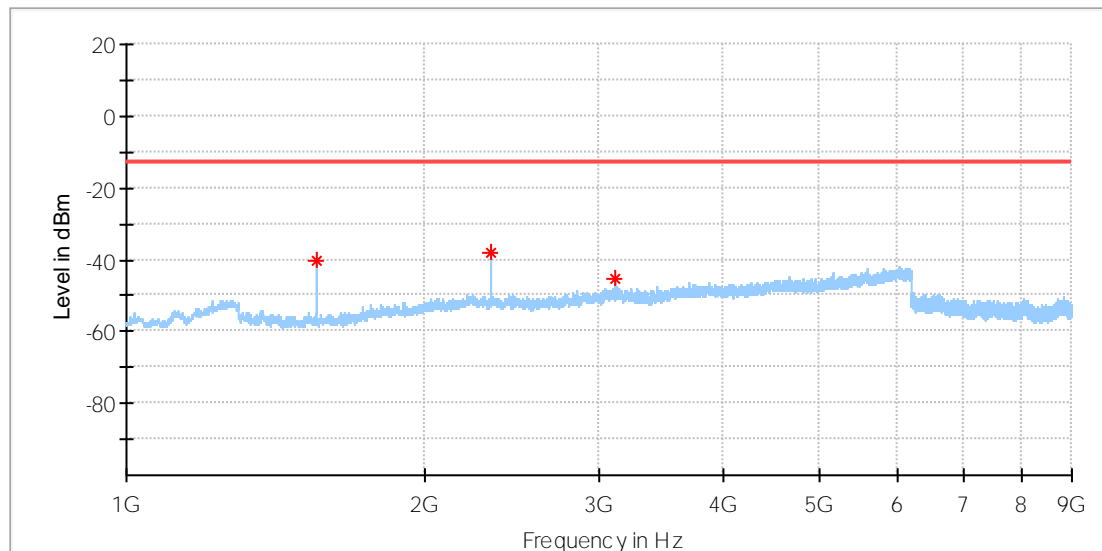
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.262500	-72.43	-13.00	59.43	100.0	V	0.0	-99.6
586.658750	-78.93	-13.00	65.93	100.0	V	105.0	-106.7

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



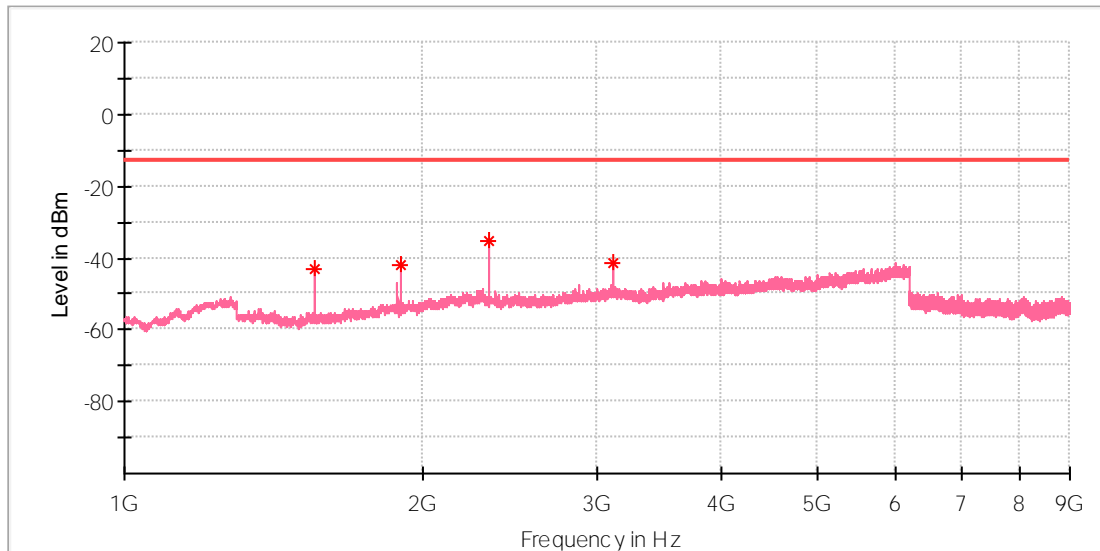
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.500000	-40.19	-13.00	27.19	100.0	H	78.0	-92.9
2331.500000	-38.02	-13.00	25.02	100.0	H	280.0	-87.7
3109.500000	-45.29	-13.00	32.29	100.0	H	224.0	-86.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

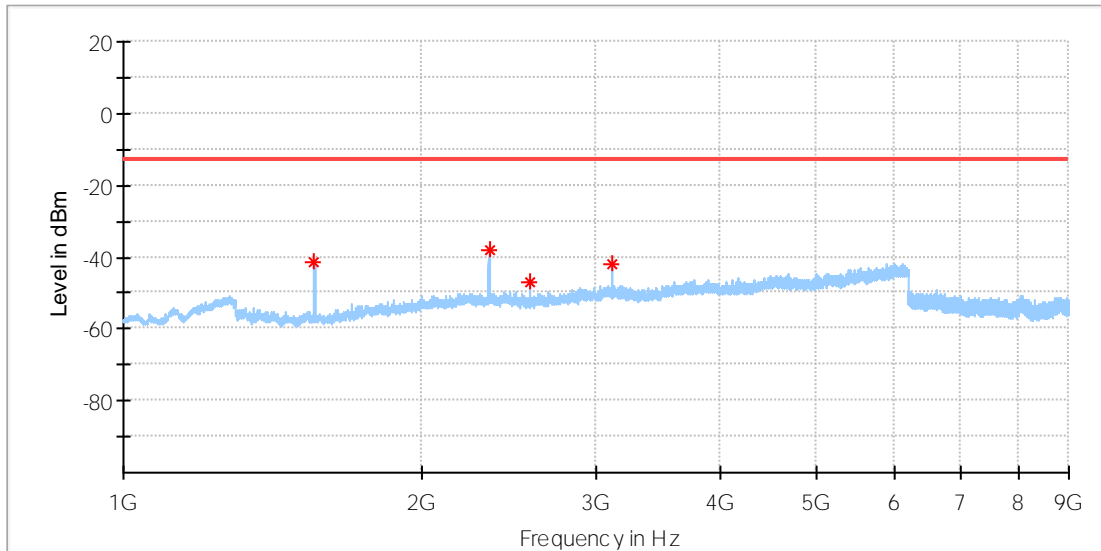
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.500000	-42.90	-13.00	29.90	100.0	V	350.0	-92.9
1902.500000	-41.73	-13.00	28.73	100.0	V	30.0	-90.1
2332.000000	-35.47	-13.00	22.47	100.0	V	309.0	-88.0
3109.000000	-41.19	-13.00	28.19	100.0	V	100.0	-86.3

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



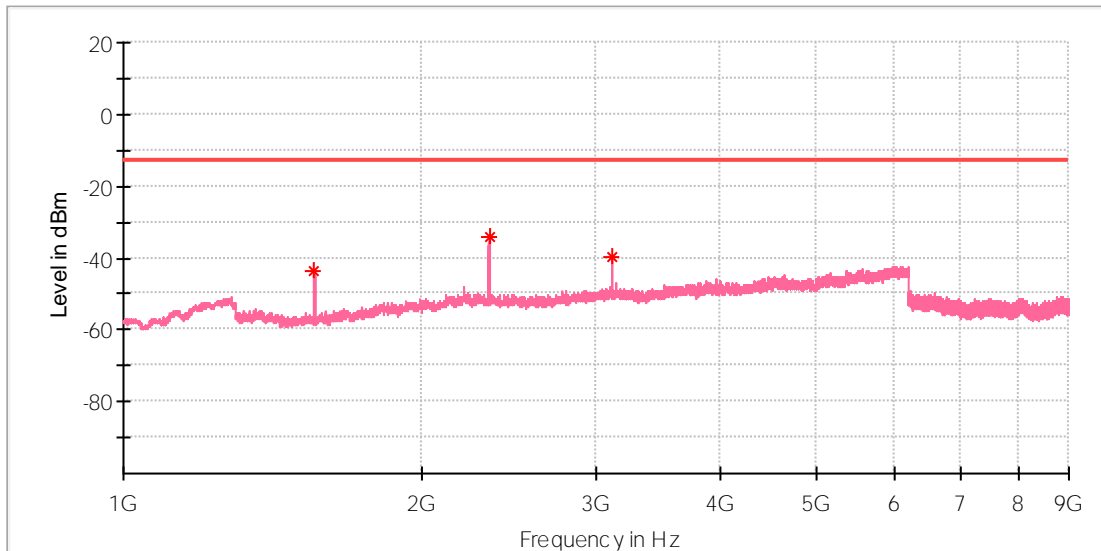
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-41.42	-13.00	28.42	100.0	H	29.0	-92.9
2339.000000	-37.79	-13.00	24.79	100.0	H	301.0	-87.6
2577.000000	-46.80	-13.00	33.80	100.0	H	301.0	-88.7
3119.500000	-41.95	-13.00	28.95	100.0	H	22.0	-86.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

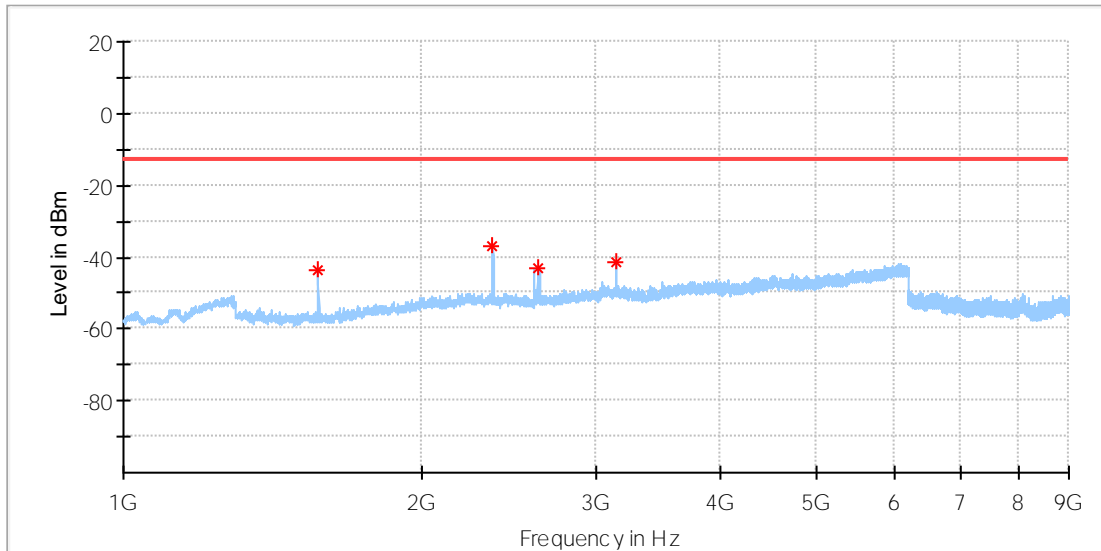
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-43.57	-13.00	30.57	100.0	V	359.0	-92.9
2339.000000	-33.92	-13.00	20.92	100.0	V	302.0	-87.9
3119.500000	-40.00	-13.00	27.00	100.0	V	309.0	-86.3

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



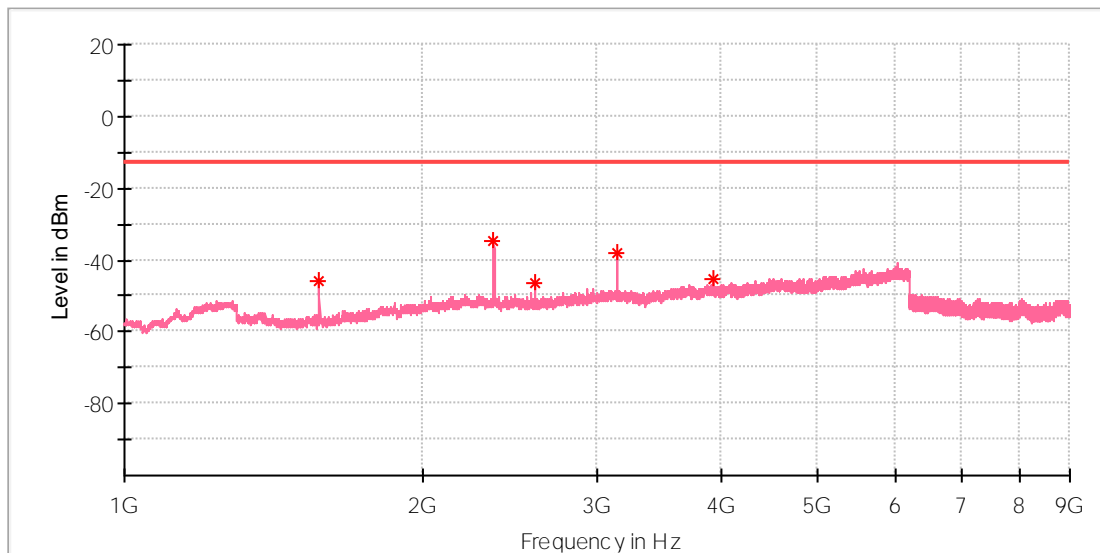
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1573.000000	-43.75	-13.00	30.75	100.0	H	79.0	-93.0
2360.000000	-37.01	-13.00	24.01	100.0	H	295.0	-87.6
2616.500000	-43.13	-13.00	30.13	100.0	H	295.0	-88.1
3146.500000	-41.52	-13.00	28.52	100.0	H	0.0	-86.0

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

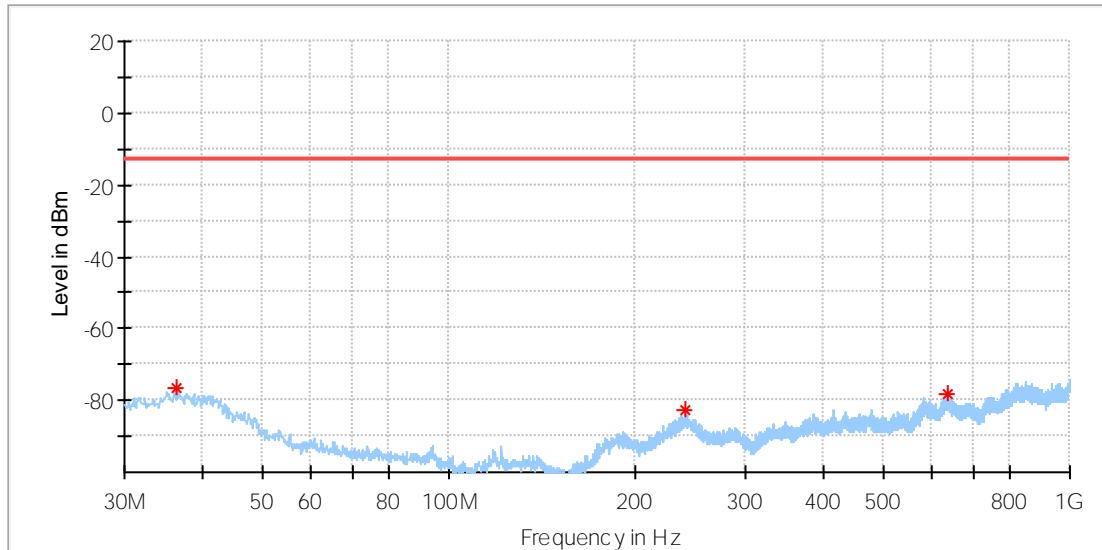
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1573.500000	-45.76	-13.00	32.76	100.0	V	52.0	-93.0
2359.500000	-34.83	-13.00	21.83	100.0	V	80.0	-87.7
2598.500000	-46.26	-13.00	33.26	100.0	V	337.0	-88.1
3146.500000	-37.81	-13.00	24.81	100.0	V	73.0	-86.2
3933.000000	-45.09	-13.00	32.09	100.0	V	350.0	-85.3

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

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



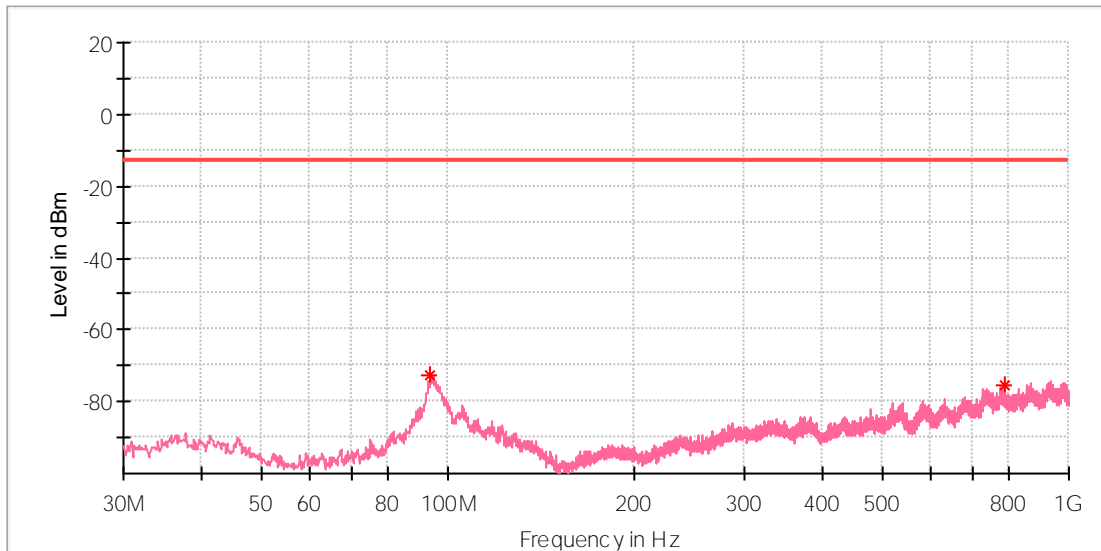
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.426250	-76.53	-13.00	63.53	100.0	H	212.0	-113.2
240.853750	-82.45	-13.00	69.45	100.0	H	64.0	-110.3
634.188750	-78.45	-13.00	65.45	100.0	H	181.0	-104.9

Produkte
Products

EUT Information

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

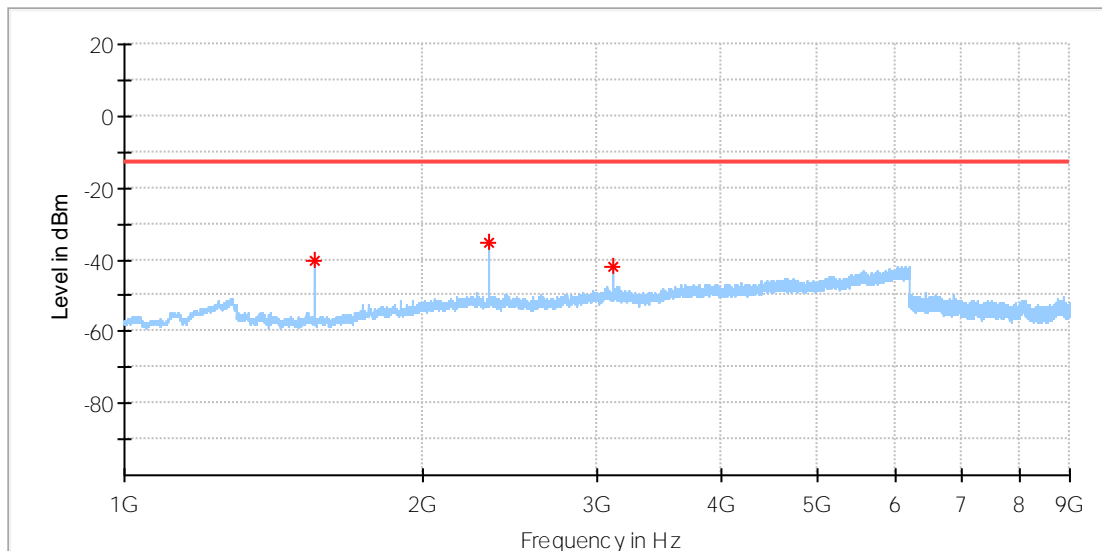
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.292500	-72.57	-13.00	59.57	100.0	V	358.0	-101.3
786.963750	-75.37	-13.00	62.37	100.0	V	358.0	-102.6

Produkte
 Products

Above 1 GHz
 Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



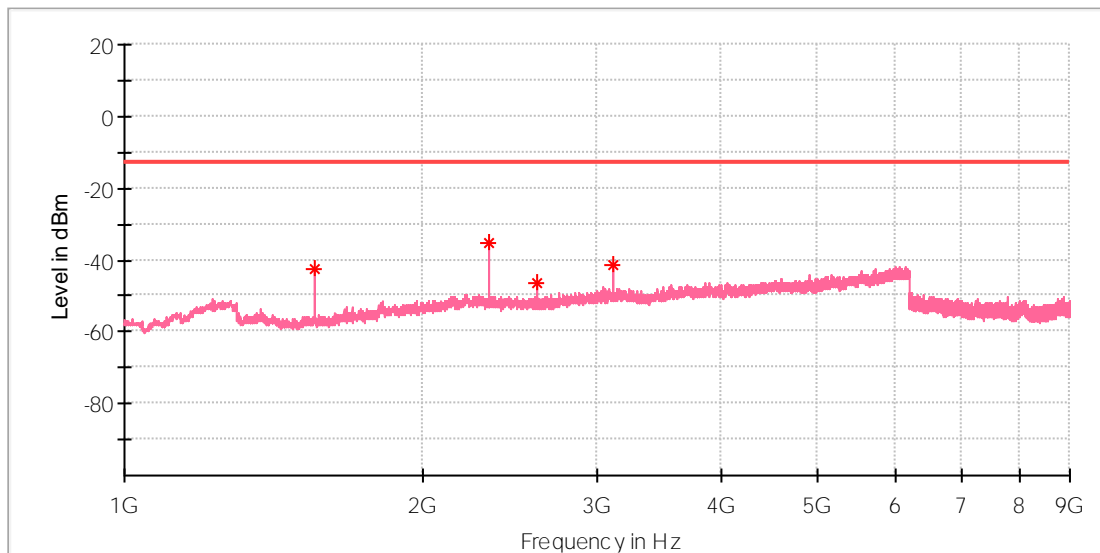
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.500000	-40.12	-13.00	27.12	100.0	H	30.0	-92.9
2332.000000	-35.40	-13.00	22.40	100.0	H	287.0	-87.7
3109.500000	-42.19	-13.00	29.19	100.0	H	23.0	-86.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

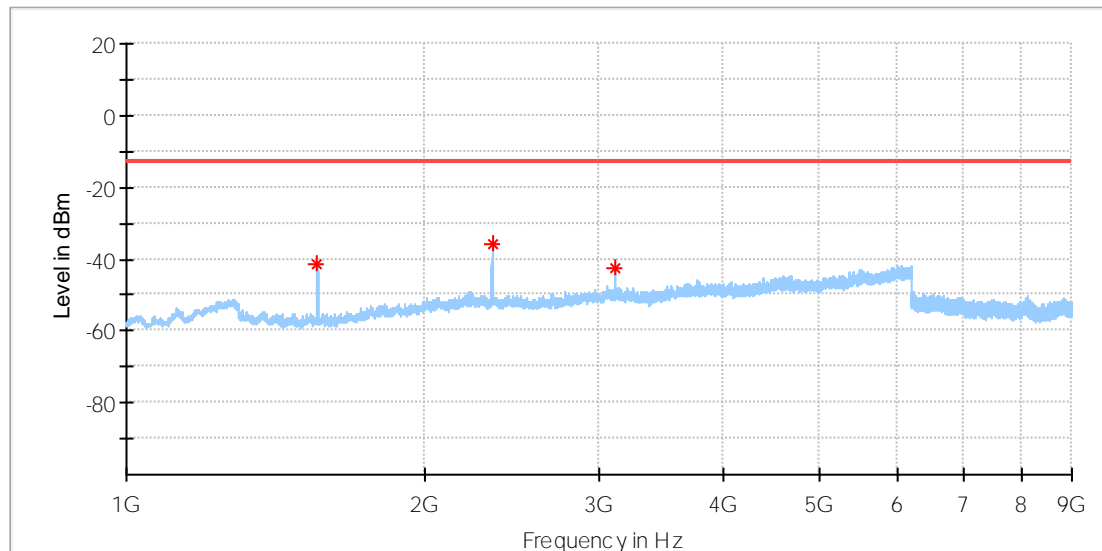
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.500000	-42.38	-13.00	29.38	100.0	V	356.0	-92.9
2332.000000	-35.01	-13.00	22.01	100.0	V	300.0	-88.0
2609.000000	-46.27	-13.00	33.27	100.0	V	350.0	-88.3
3109.500000	-41.23	-13.00	28.23	100.0	V	323.0	-86.3

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



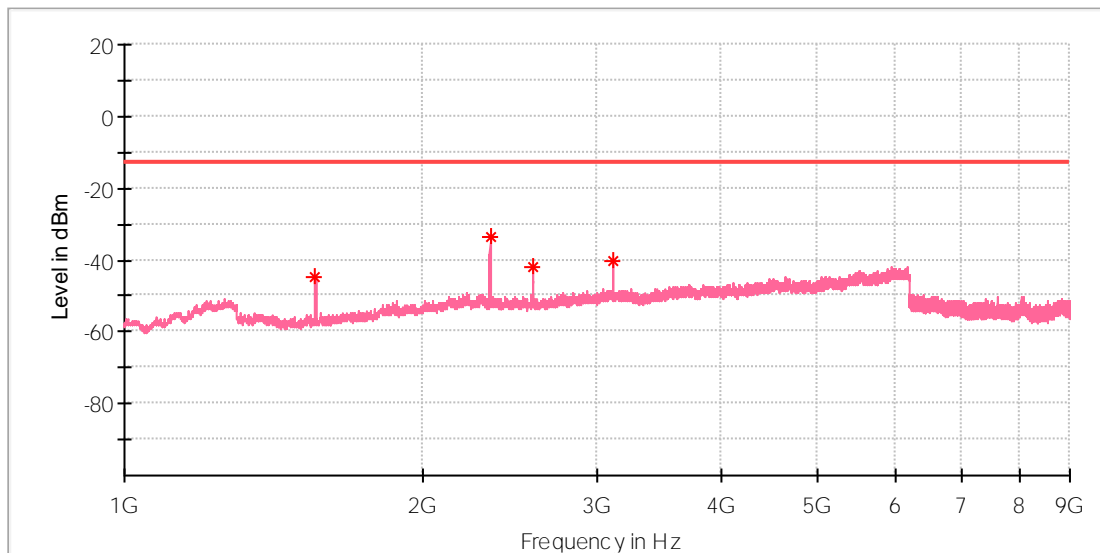
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-41.39	-13.00	28.39	100.0	H	29.0	-92.9
2339.500000	-36.00	-13.00	23.00	100.0	H	295.0	-87.6
3119.000000	-42.68	-13.00	29.68	100.0	H	36.0	-86.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

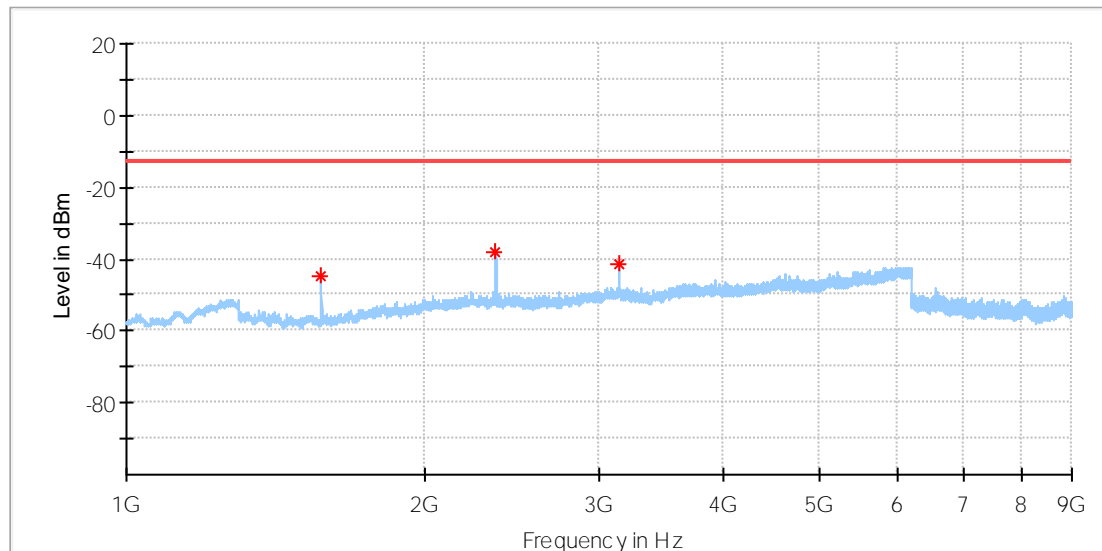
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-44.47	-13.00	31.47	100.0	V	0.0	-92.9
2339.500000	-33.77	-13.00	20.77	100.0	V	301.0	-87.9
2582.500000	-41.82	-13.00	28.82	100.0	V	343.0	-88.1
3119.500000	-40.16	-13.00	27.16	100.0	V	322.0	-86.3

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



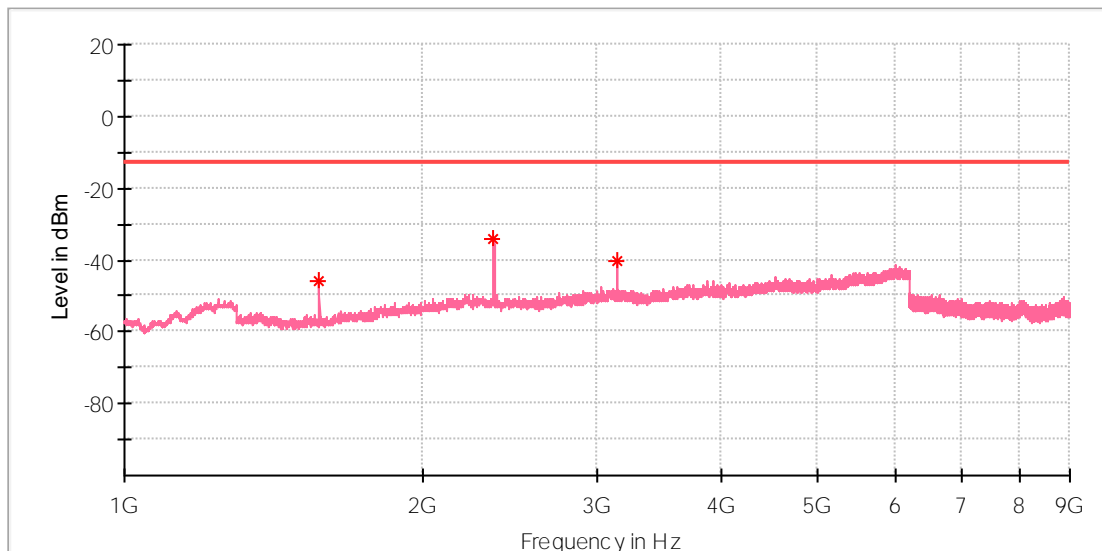
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1573.500000	-44.53	-13.00	31.53	100.0	H	82.0	-93.0
2359.500000	-38.04	-13.00	25.04	100.0	H	141.0	-87.6
3146.500000	-41.50	-13.00	28.50	100.0	H	33.0	-86.0

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

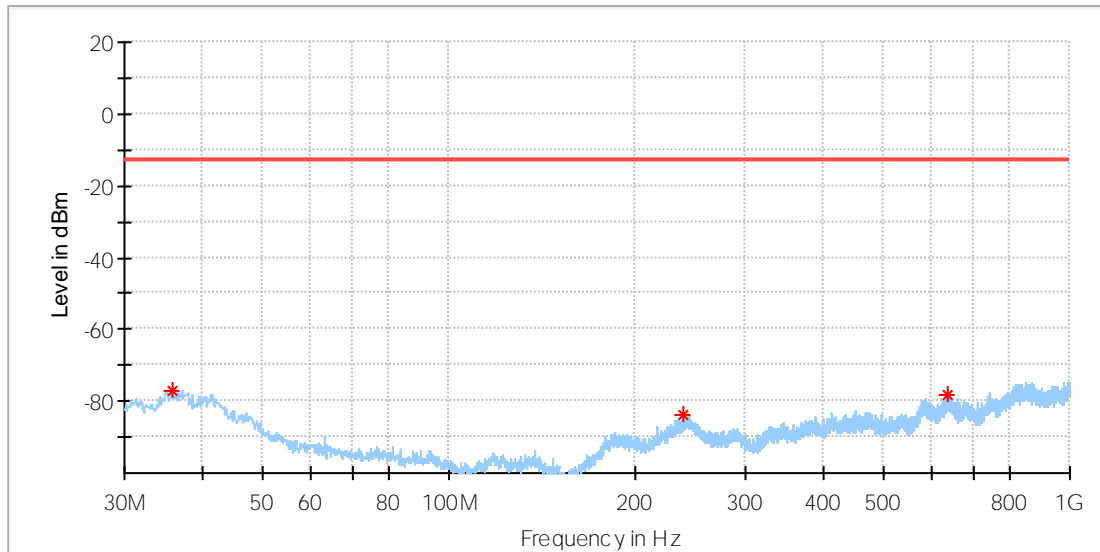
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1573.000000	-45.74	-13.00	32.74	100.0	V	37.0	-93.0
2360.000000	-33.97	-13.00	20.97	100.0	V	300.0	-87.7
3146.500000	-40.54	-13.00	27.54	100.0	V	135.0	-86.2

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-W1
Test Mode:	TX 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



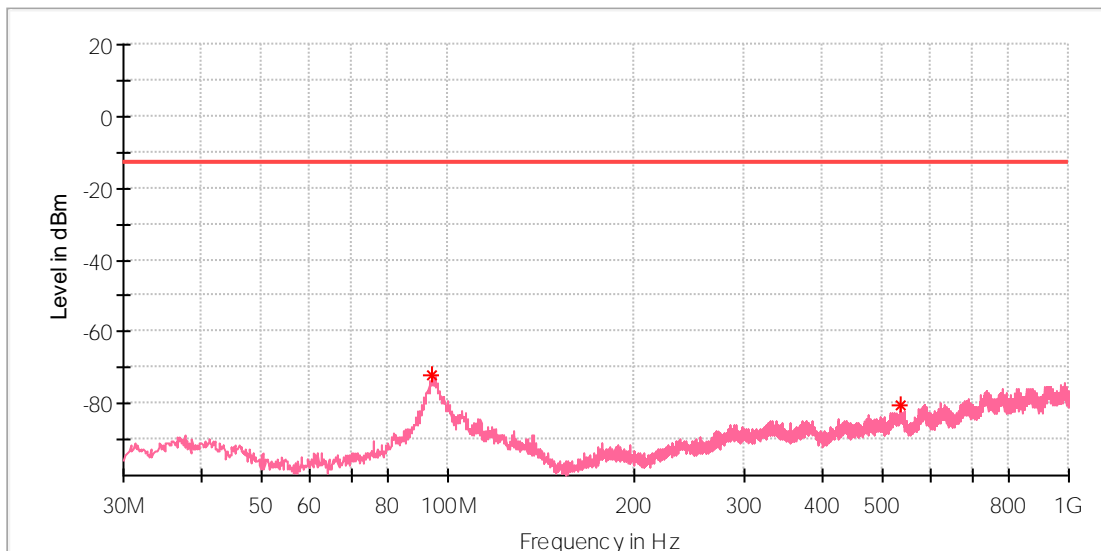
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.820000	-77.14	-13.00	64.14	100.0	H	208.0	-113.5
238.792500	-83.72	-13.00	70.72	100.0	H	0.0	-110.7
637.220000	-78.21	-13.00	65.21	100.0	H	302.0	-104.8

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

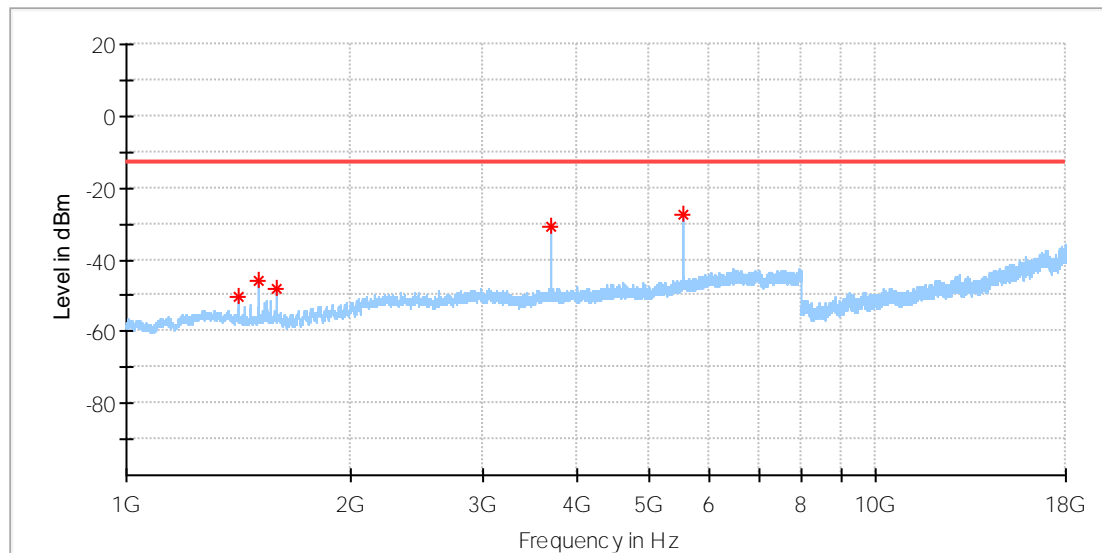
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.141250	-71.82	-13.00	58.82	100.0	V	332.0	-99.7
535.855000	-80.22	-13.00	67.22	100.0	V	13.0	-107.5

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



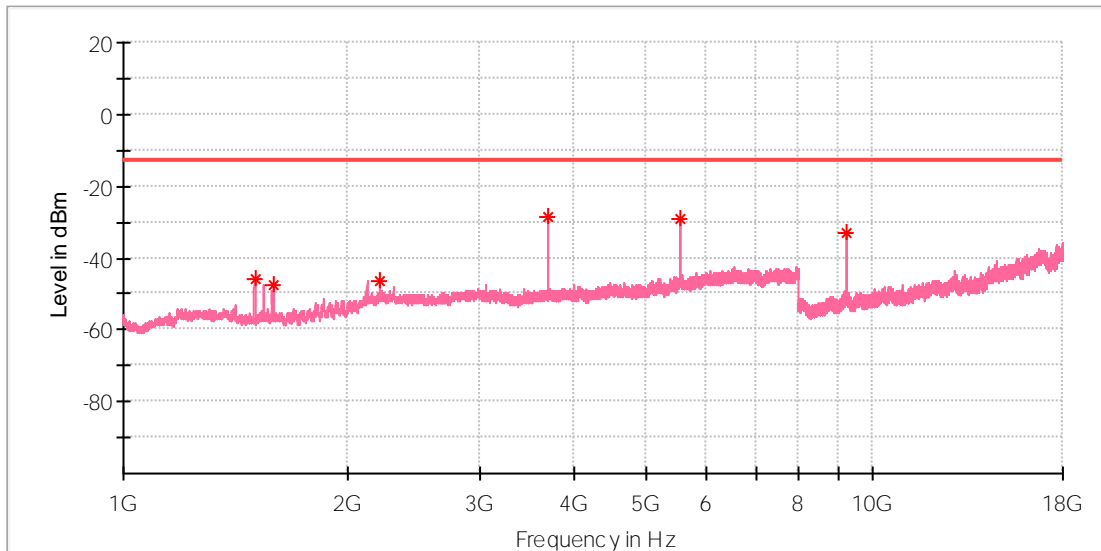
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.500000	-50.35	-13.00	37.35	100.0	H	68.0	-92.7
1498.000000	-45.92	-13.00	32.93	100.0	H	358.0	-93.7
1585.500000	-47.95	-13.00	34.95	100.0	H	24.0	-92.9
3700.500000	-30.76	-13.00	17.76	100.0	H	23.0	-86.7
5551.000000	-27.25	-13.00	14.25	100.0	H	10.0	-83.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

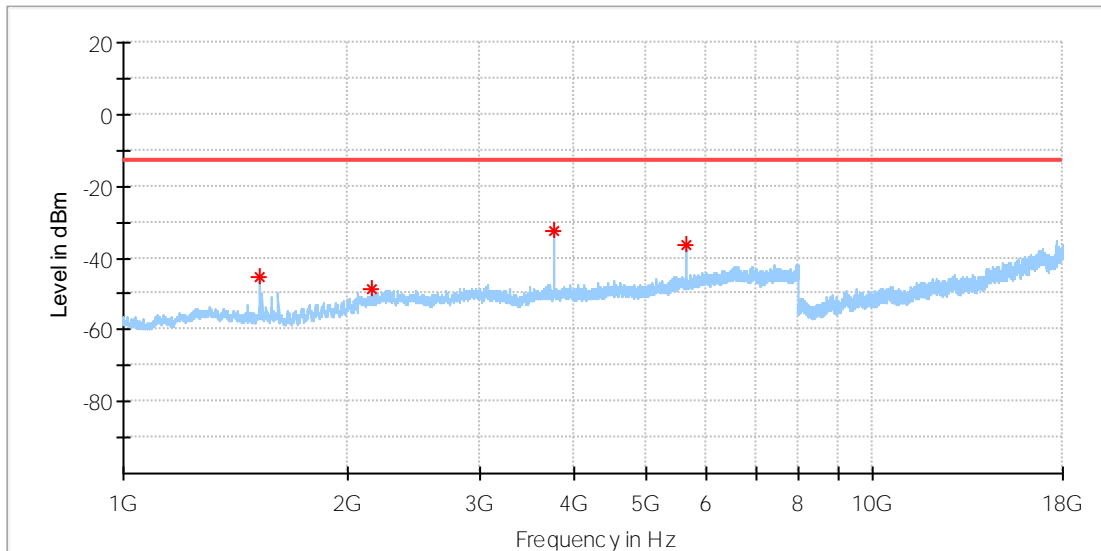
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1497.500000	-45.64	-13.00	32.64	100.0	V	356.0	-93.9
1586.000000	-47.52	-13.00	34.52	100.0	V	346.0	-93.0
2203.000000	-46.39	-13.00	33.39	100.0	V	339.0	-87.3
3700.500000	-28.82	-13.00	15.82	100.0	V	343.0	-86.7
5551.000000	-29.07	-13.00	16.07	100.0	V	343.0	-83.0
9251.500000	-33.18	-13.00	20.18	100.0	V	29.0	-83.9

Mid Channel

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



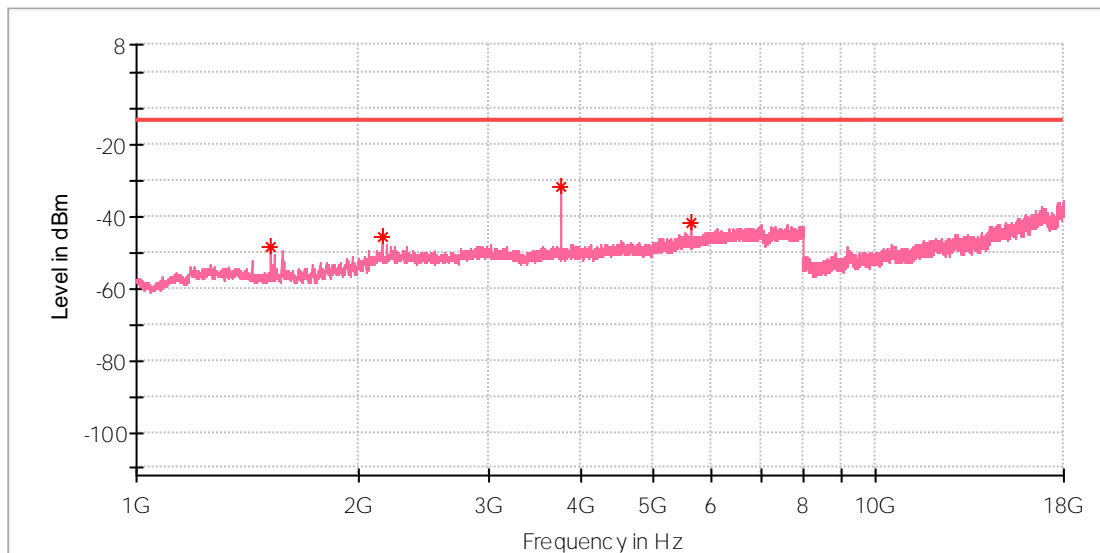
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1522.000000	-45.19	-13.00	32.19	100.0	H	0.0	-93.0
2149.000000	-48.44	-13.00	35.44	100.0	H	77.0	-88.6
3760.500000	-32.24	-13.00	19.24	100.0	H	11.0	-86.6
5641.000000	-36.10	-13.00	23.10	100.0	H	17.0	-83.8

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

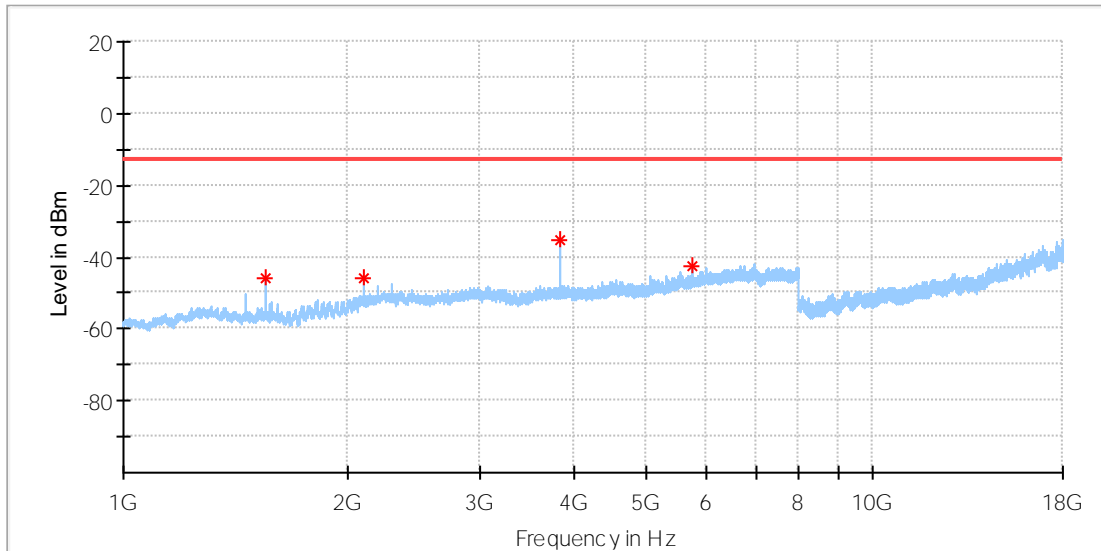
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1522.000000	-48.41	-13.00	35.41	100.0	V	26.0	-93.6
2149.000000	-45.31	-13.00	32.31	100.0	V	321.0	-88.0
3760.500000	-31.64	-13.00	18.64	100.0	V	107.0	-87.0
5641.000000	-41.77	-13.00	28.78	100.0	V	148.0	-83.8

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

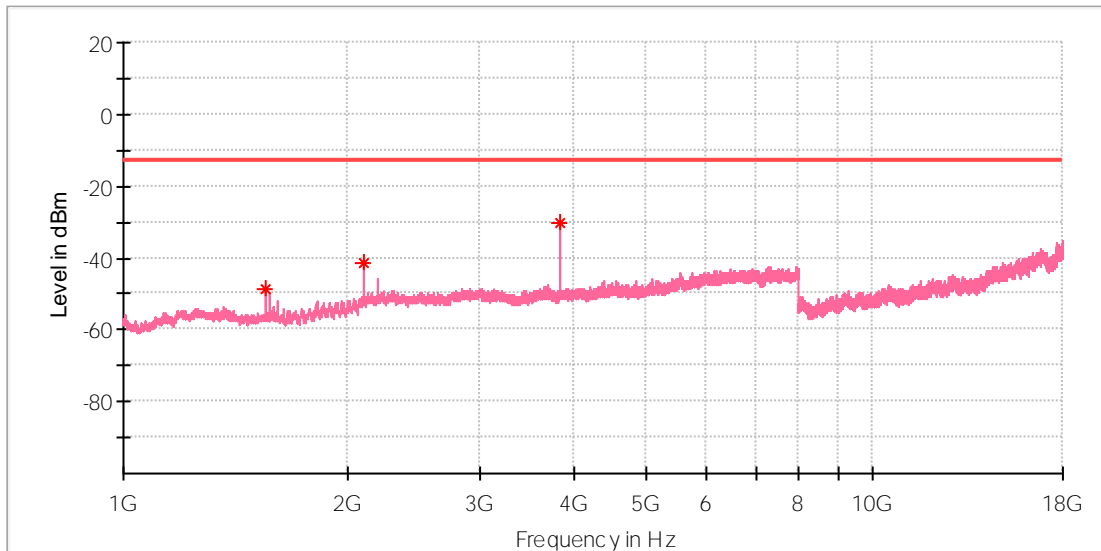


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1550.000000	-45.82	-13.00	32.82	100.0	H	102.0	-92.9
2097.000000	-45.97	-13.00	32.97	100.0	H	280.0	-88.8
3829.000000	-35.36	-13.00	22.36	100.0	H	257.0	-86.9
5744.000000	-42.49	-13.00	29.49	100.0	H	10.0	-83.5

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

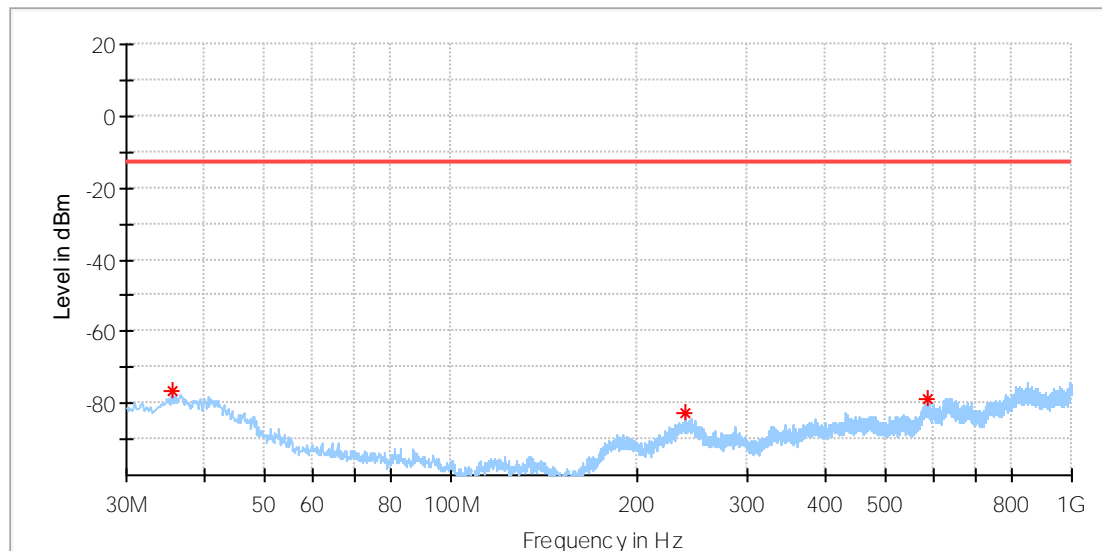
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1550.000000	-48.72	-13.00	35.72	100.0	V	292.0	-92.8
2097.500000	-41.13	-13.00	28.13	100.0	V	303.0	-88.6
3829.000000	-30.36	-13.00	17.36	100.0	V	2.0	-86.9

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



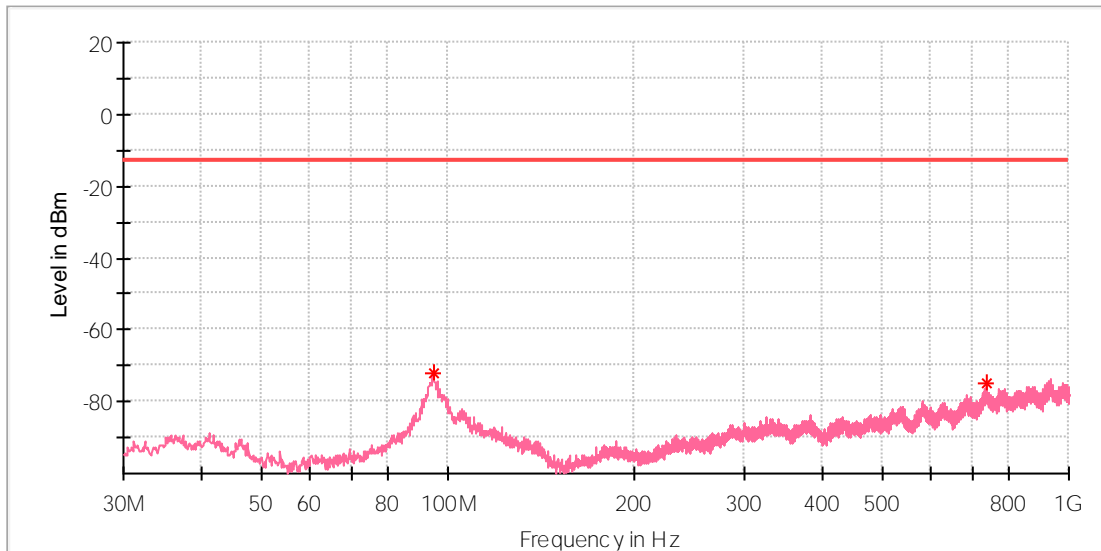
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.577500	-76.82	-13.00	63.82	100.0	H	218.0	-113.8
238.550000	-82.90	-13.00	69.90	100.0	H	121.0	-110.7
585.810000	-78.55	-13.00	65.55	100.0	H	164.0	-106.1

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

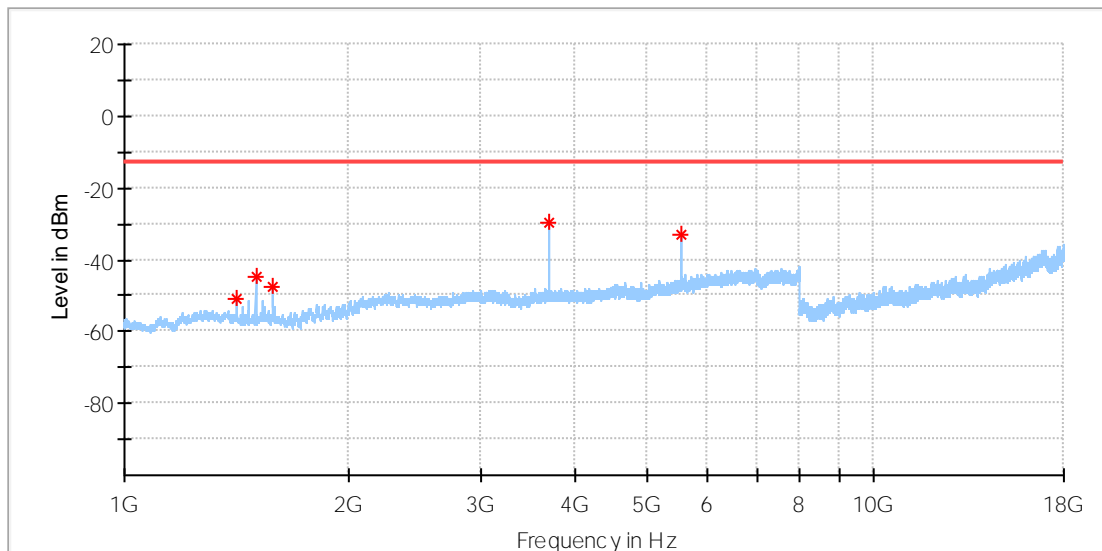
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.868750	-71.86	-13.00	58.87	100.0	V	262.0	-99.6
739.676250	-75.09	-13.00	62.09	100.0	V	284.0	-102.0

Produkte
 Products

Above 1 GHz
 Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



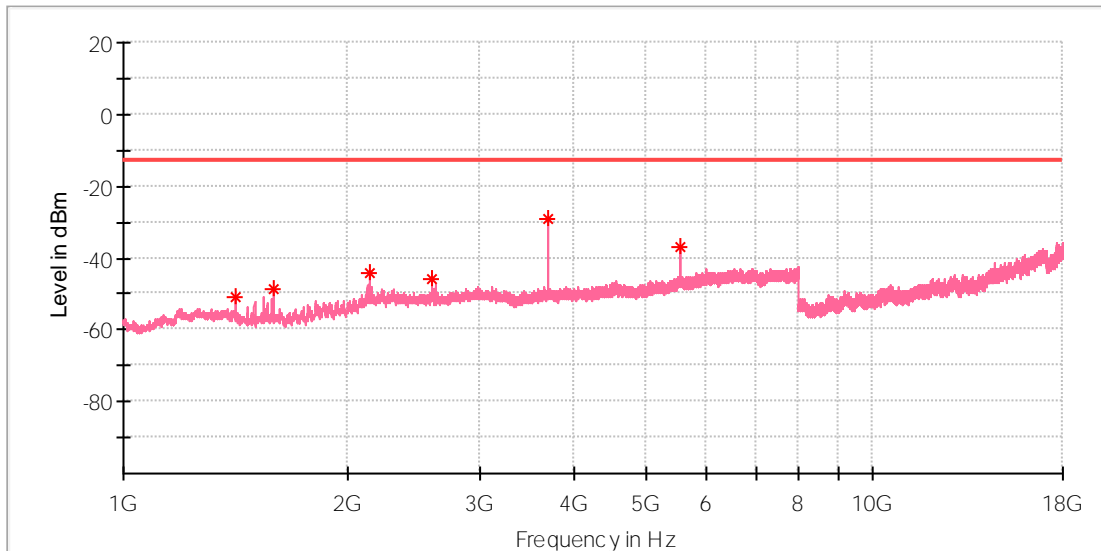
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.500000	-50.85	-13.00	37.85	100.0	H	163.0	-92.7
1498.000000	-44.56	-13.00	31.56	100.0	H	111.0	-93.7
1581.500000	-47.30	-13.00	34.30	100.0	H	282.0	-92.9
3700.500000	-29.75	-13.00	16.75	100.0	H	325.0	-86.7
5550.500000	-33.05	-13.00	20.05	100.0	H	339.0	-83.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

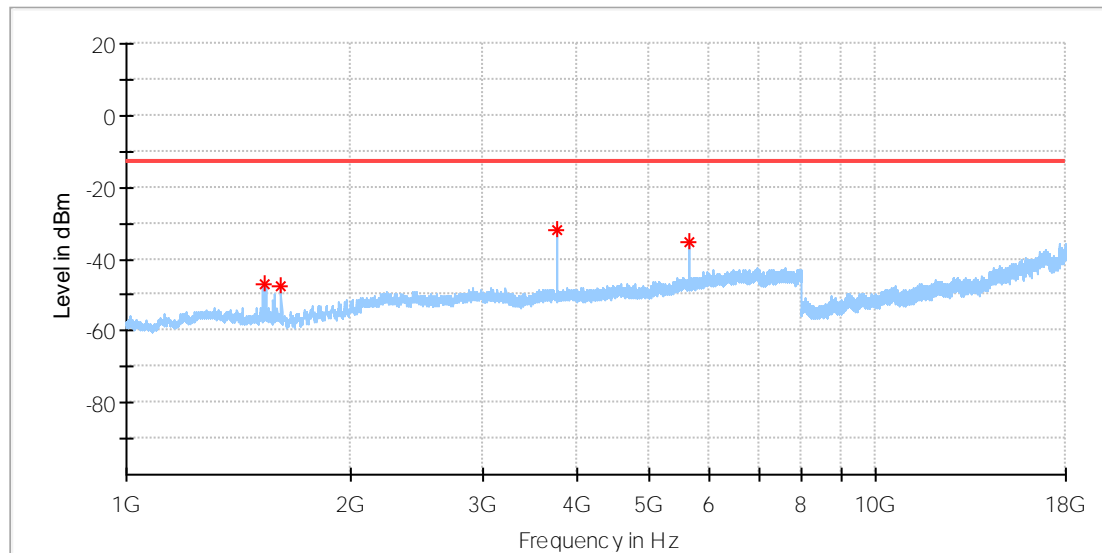
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.500000	-50.96	-13.00	37.96	100.0	V	241.0	-92.8
1585.500000	-48.86	-13.00	35.86	100.0	V	4.0	-93.0
2134.000000	-44.46	-13.00	31.46	100.0	V	0.0	-87.7
2590.500000	-45.96	-13.00	32.96	100.0	V	0.0	-88.1
3700.500000	-29.01	-13.00	16.01	100.0	V	74.0	-86.7
5551.500000	-36.86	-13.00	23.86	100.0	V	350.0	-83.1

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



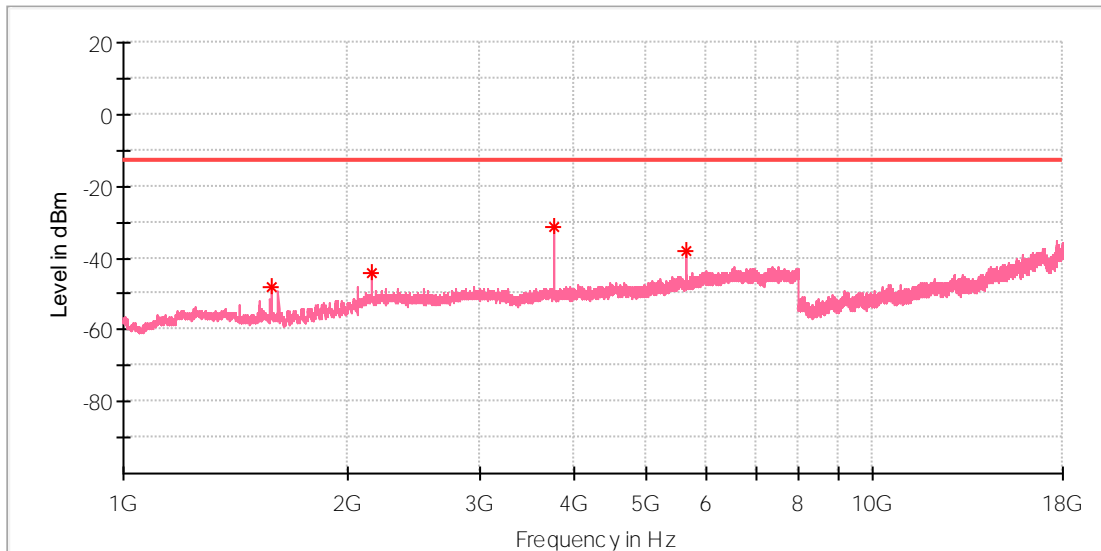
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1534.500000	-47.14	-13.00	34.14	100.0	H	117.0	-92.7
1611.500000	-47.26	-13.00	34.26	100.0	H	290.0	-93.2
3760.000000	-32.19	-13.00	19.19	100.0	H	22.0	-86.6
5640.500000	-35.11	-13.00	22.11	100.0	H	9.0	-83.8

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

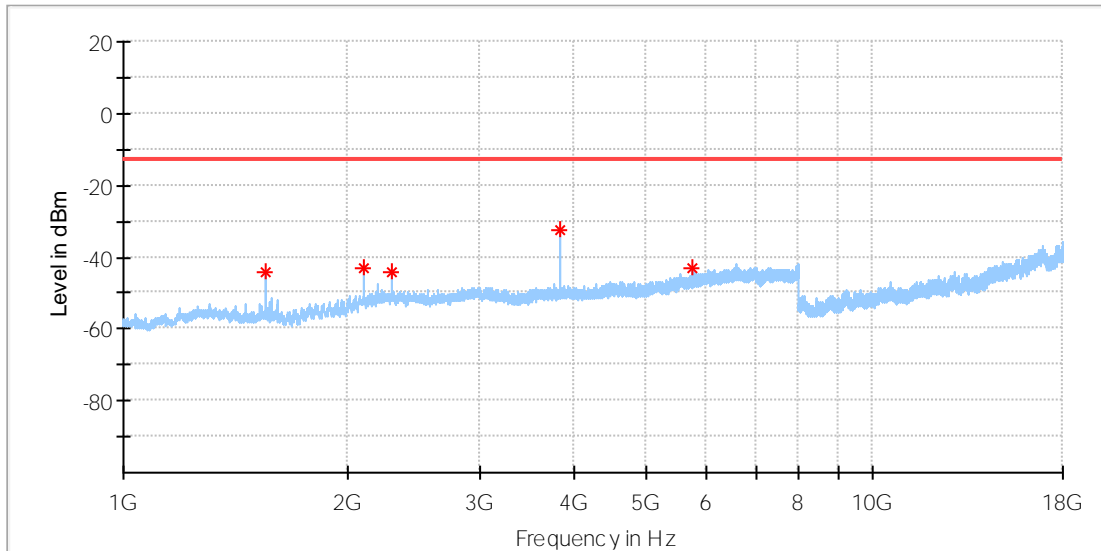
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1573.500000	-47.96	-13.00	34.96	100.0	V	13.0	-93.0
2149.000000	-44.39	-13.00	31.39	100.0	V	314.0	-88.0
3760.500000	-31.58	-13.00	18.58	100.0	V	72.0	-87.0
5641.000000	-38.09	-13.00	25.09	100.0	V	348.0	-83.8

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



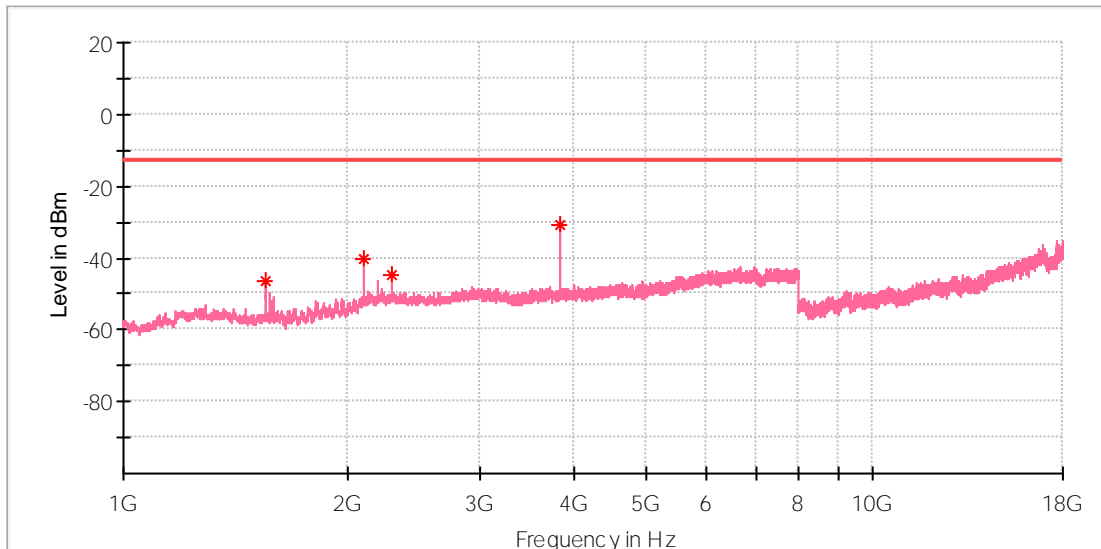
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1550.000000	-44.36	-13.00	31.36	100.0	H	106.0	-92.9
2097.000000	-43.10	-13.00	30.10	100.0	H	338.0	-88.8
2279.500000	-44.18	-13.00	31.18	100.0	H	284.0	-87.7
3829.500000	-32.28	-13.00	19.28	100.0	H	19.0	-86.9
5744.000000	-42.95	-13.00	29.95	100.0	H	304.0	-83.5

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

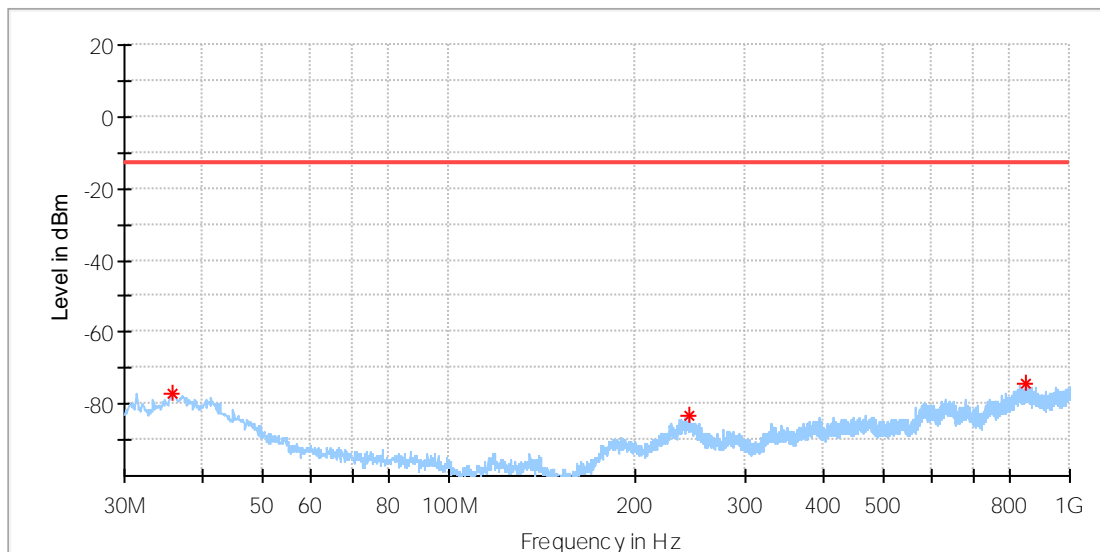
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1550.000000	-46.38	-13.00	33.38	100.0	V	9.0	-92.8
2097.000000	-40.33	-13.00	27.33	100.0	V	316.0	-88.6
2279.500000	-44.88	-13.00	31.88	100.0	V	316.0	-87.5
3829.000000	-30.97	-13.00	17.97	100.0	V	2.0	-86.9

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-W1
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



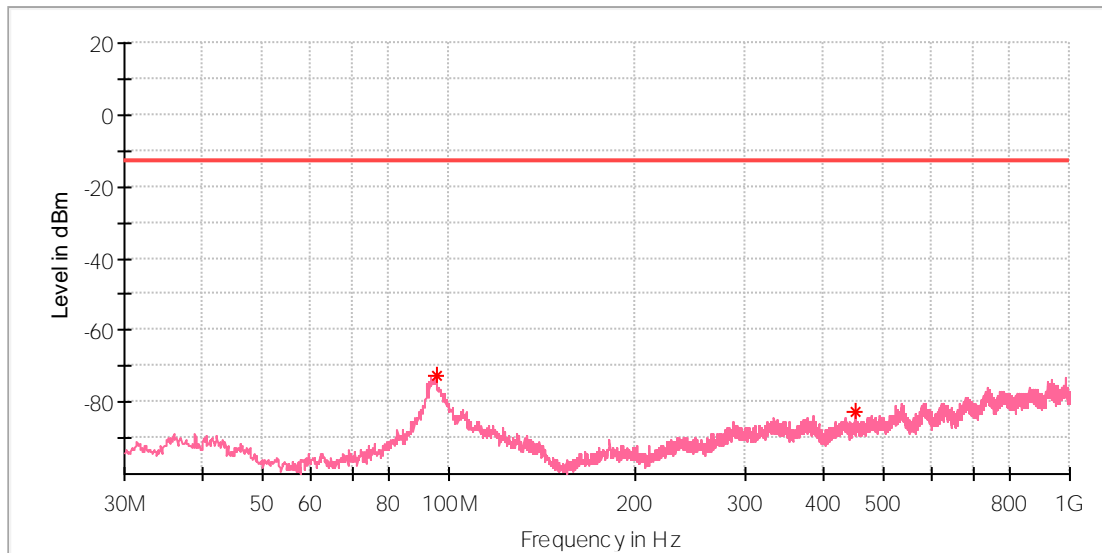
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.941250	-77.09	-13.00	64.09	100.0	H	104.0	-113.4
244.248750	-83.39	-13.00	70.39	100.0	H	343.0	-110.0
851.953750	-74.14	-13.00	61.14	100.0	H	288.0	-100.2

Produkte
 Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

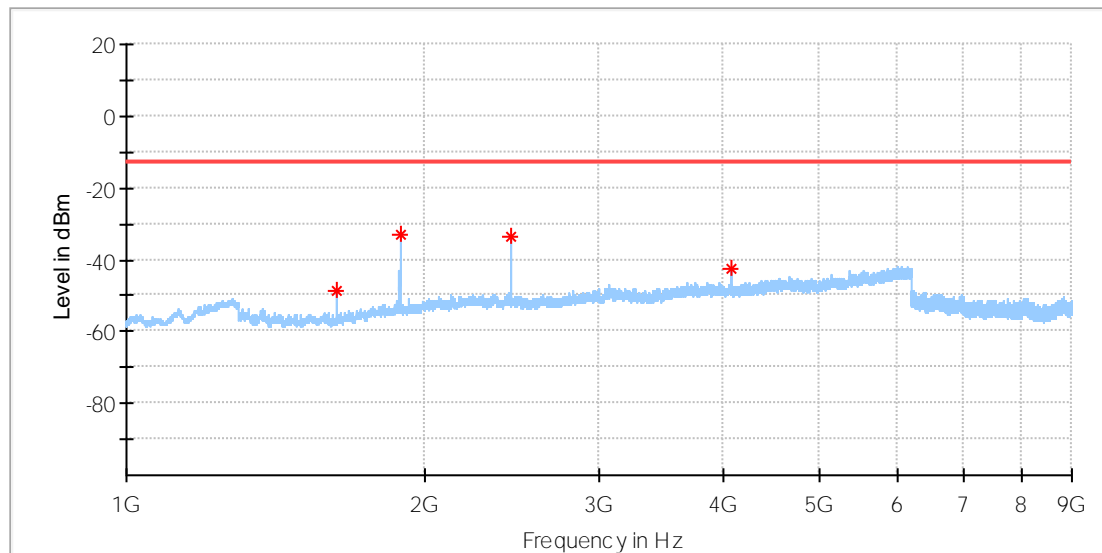
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
95.475000	-72.47	-13.00	59.47	100.0	V	240.0	-100.2
450.131250	-82.64	-13.00	69.64	100.0	V	0.0	-109.8

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



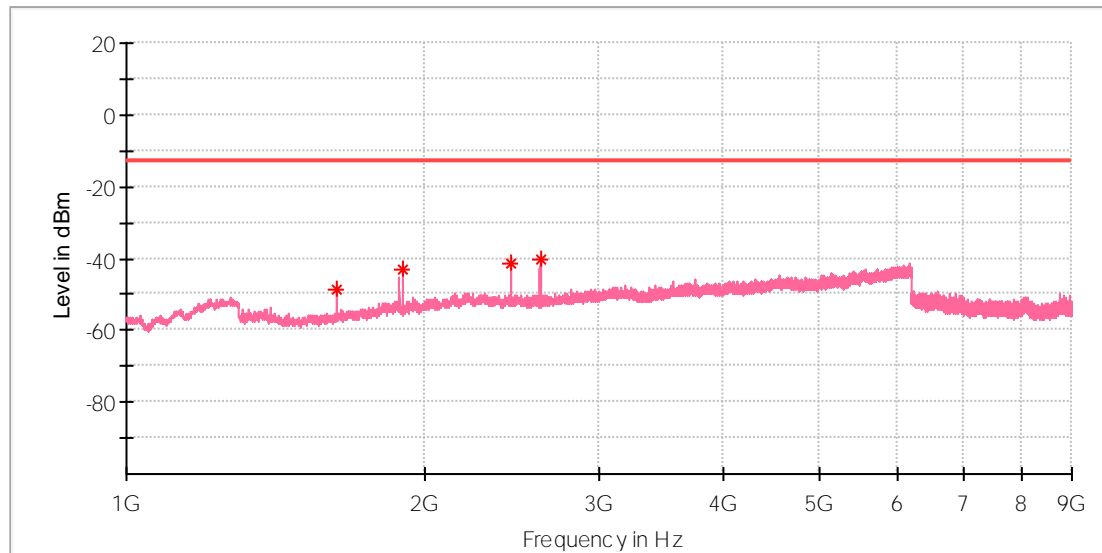
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.000000	-48.48	-13.00	35.48	100.0	H	0.0	-92.9
1891.500000	-32.79	-13.00	19.79	100.0	H	338.0	-90.3
2442.500000	-33.58	-13.00	20.58	100.0	H	199.0	-87.7
4071.500000	-42.56	-13.00	29.56	100.0	H	116.0	-85.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

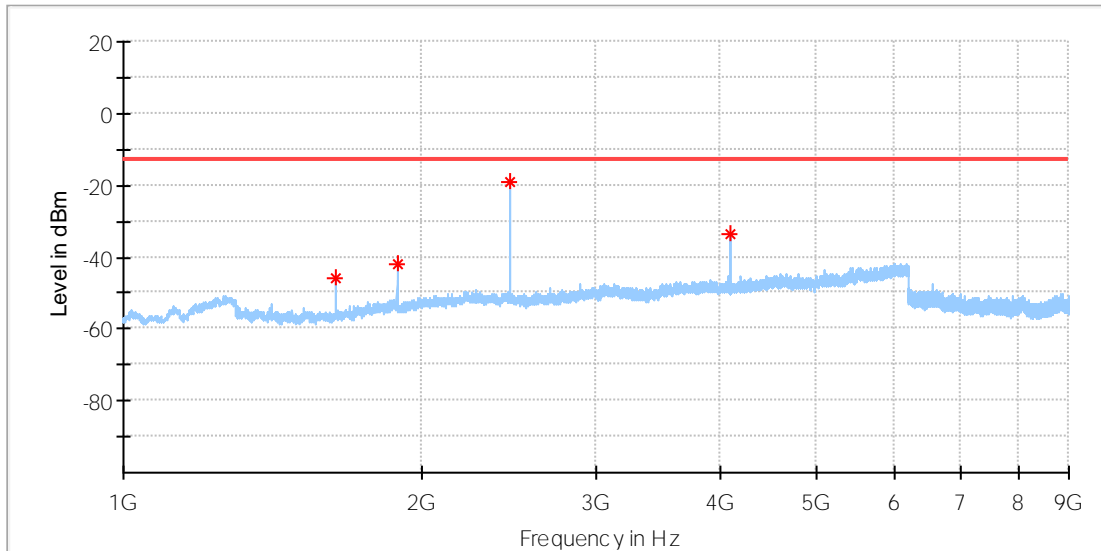
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.500000	-48.76	-13.00	35.77	100.0	V	160.0	-92.6
1903.000000	-43.08	-13.00	30.08	100.0	V	105.0	-90.1
2442.500000	-41.39	-13.00	28.39	100.0	V	251.0	-88.1
2616.000000	-40.51	-13.00	27.51	100.0	V	320.0	-88.4

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



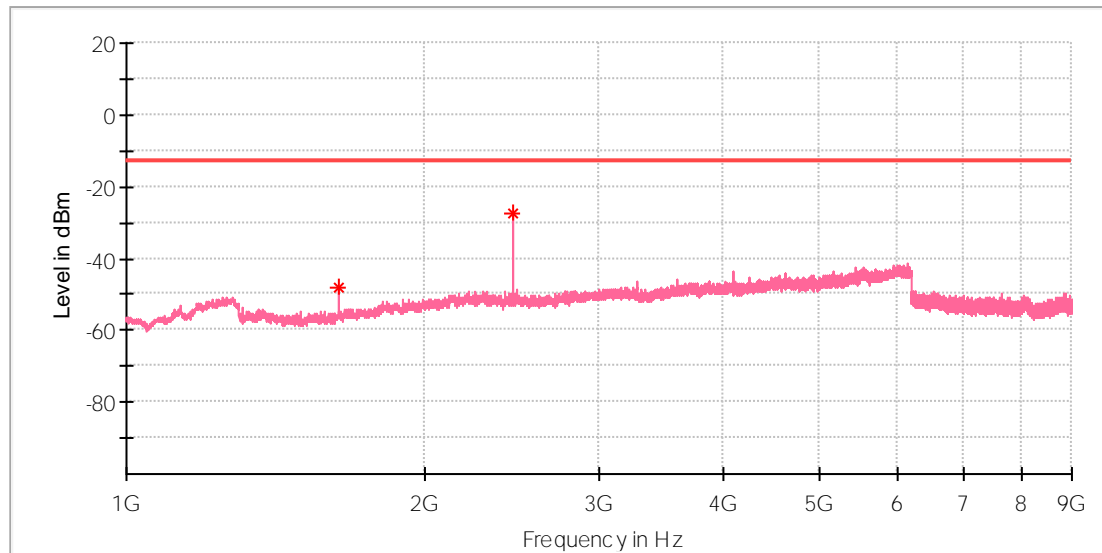
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.500000	-45.93	-13.00	32.93	100.0	H	7.0	-92.5
1892.000000	-41.71	-13.00	28.71	100.0	H	69.0	-90.3
2455.500000	-19.34	-13.00	6.34	100.0	H	194.0	-87.9
4093.000000	-33.78	-13.00	20.78	100.0	H	351.0	-85.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

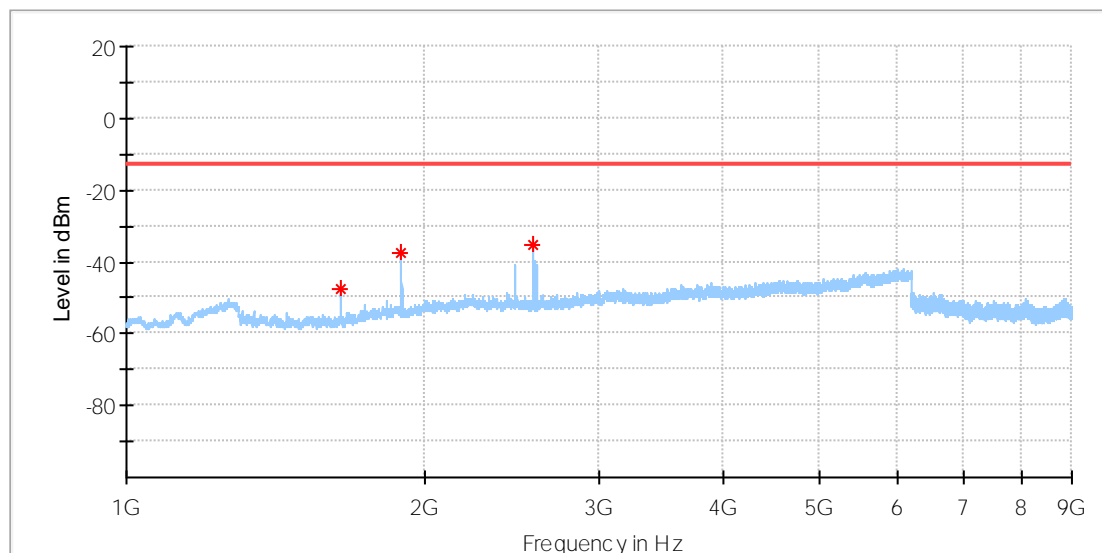
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.000000	-48.25	-13.00	35.25	100.0	V	101.0	-92.5
2455.500000	-27.67	-13.00	14.67	100.0	V	11.0	-88.1

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



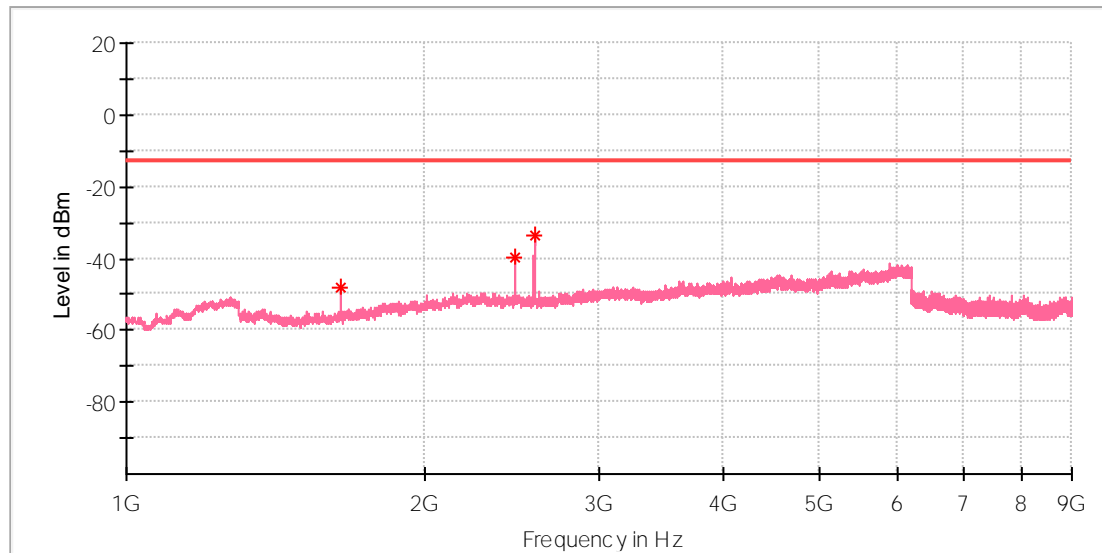
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1647.500000	-47.46	-13.00	34.46	100.0	H	358.0	-92.4
1895.500000	-37.24	-13.00	24.24	100.0	H	0.0	-90.2
2577.000000	-35.46	-13.00	22.46	100.0	H	239.0	-88.7

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

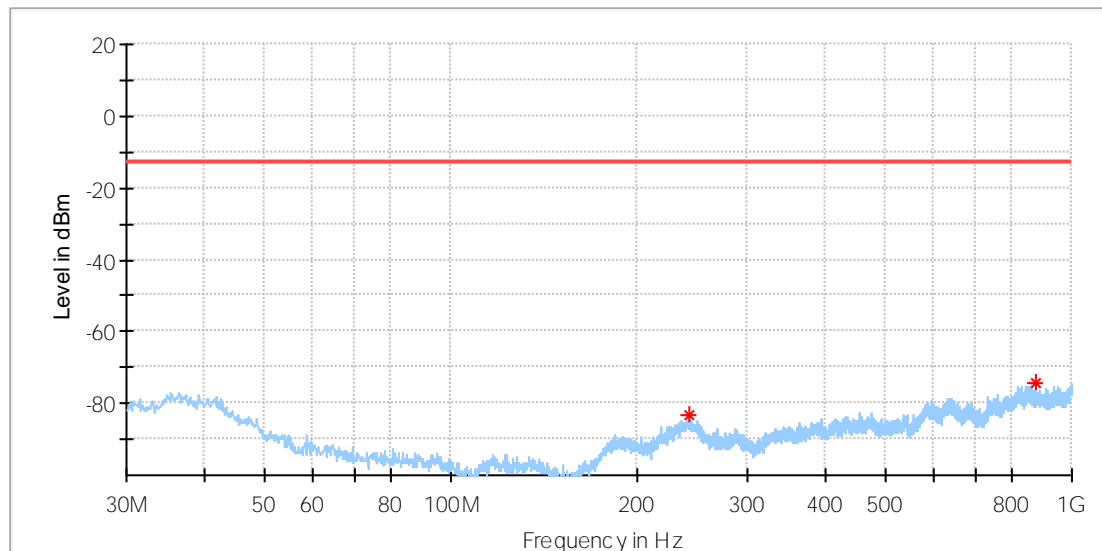
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1647.000000	-48.21	-13.00	35.21	100.0	V	324.0	-92.4
2471.000000	-39.61	-13.00	26.61	100.0	V	3.0	-88.0
2580.000000	-33.52	-13.00	20.52	100.0	V	110.0	-88.1

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

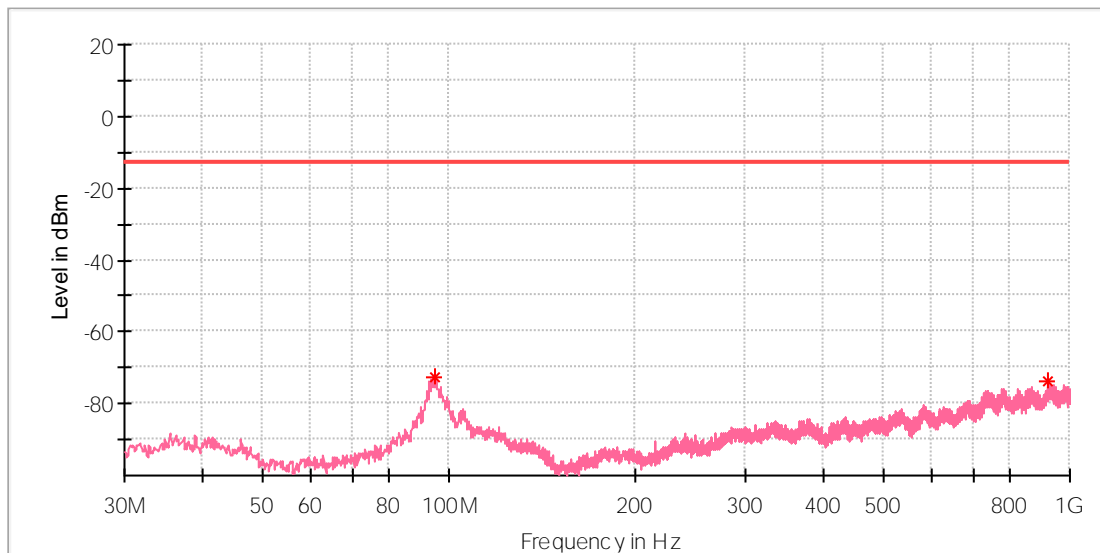


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
242.430000	-83.53	-13.00	70.53	100.0	H	229.0	-110.0
875.355000	-74.44	-13.00	61.44	100.0	H	220.0	-102.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

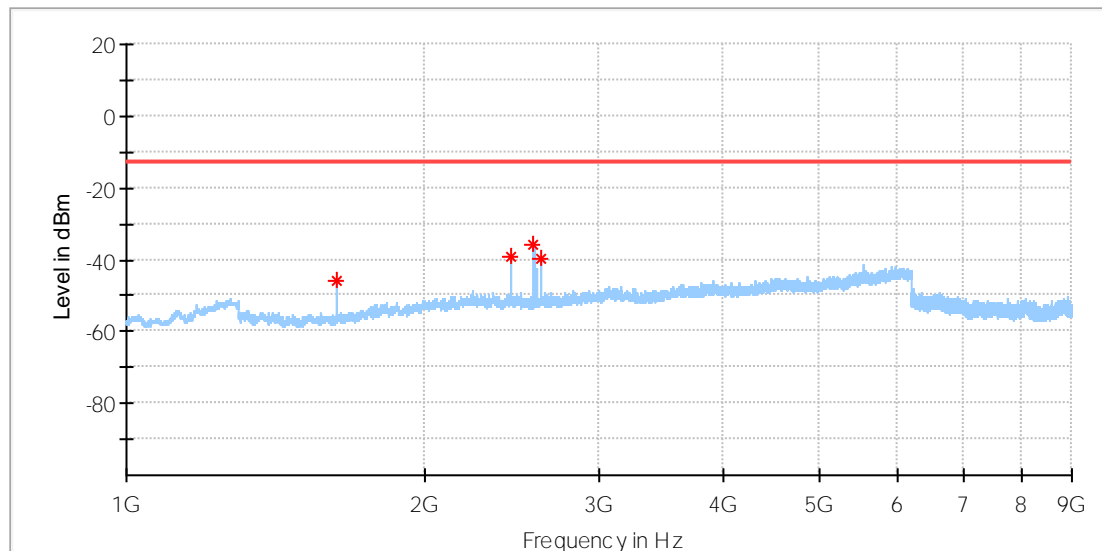
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.990000	-72.61	-13.00	59.61	100.0	V	67.0	-99.6
924.218750	-73.87	-13.00	60.87	100.0	V	175.0	-100.5

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



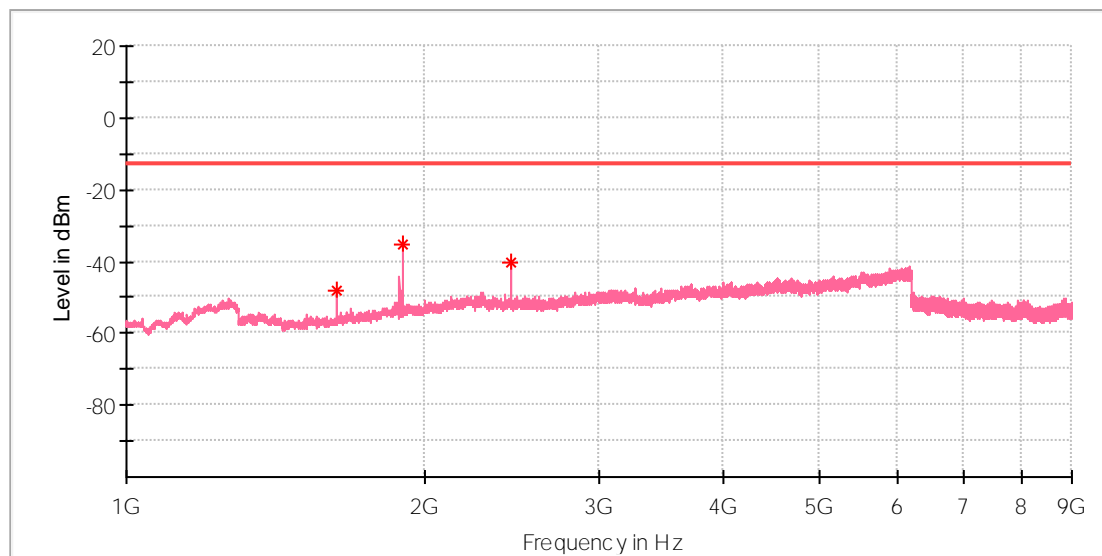
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.000000	-45.59	-13.00	32.59	100.0	H	121.0	-92.9
2442.500000	-39.03	-13.00	26.03	100.0	H	142.0	-87.7
2578.500000	-35.96	-13.00	22.96	100.0	H	211.0	-88.7
2619.000000	-39.84	-13.00	26.84	100.0	H	329.0	-88.1

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

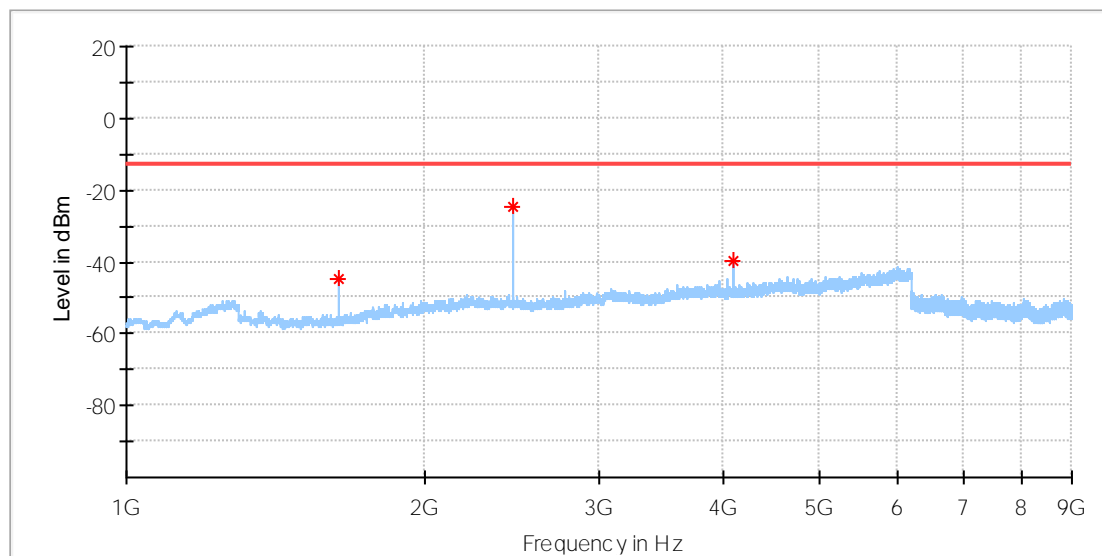
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.000000	-47.95	-13.00	34.95	100.0	V	159.0	-92.6
1903.000000	-35.42	-13.00	22.42	100.0	V	0.0	-90.1
2443.000000	-40.40	-13.00	27.40	100.0	V	13.0	-88.1

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



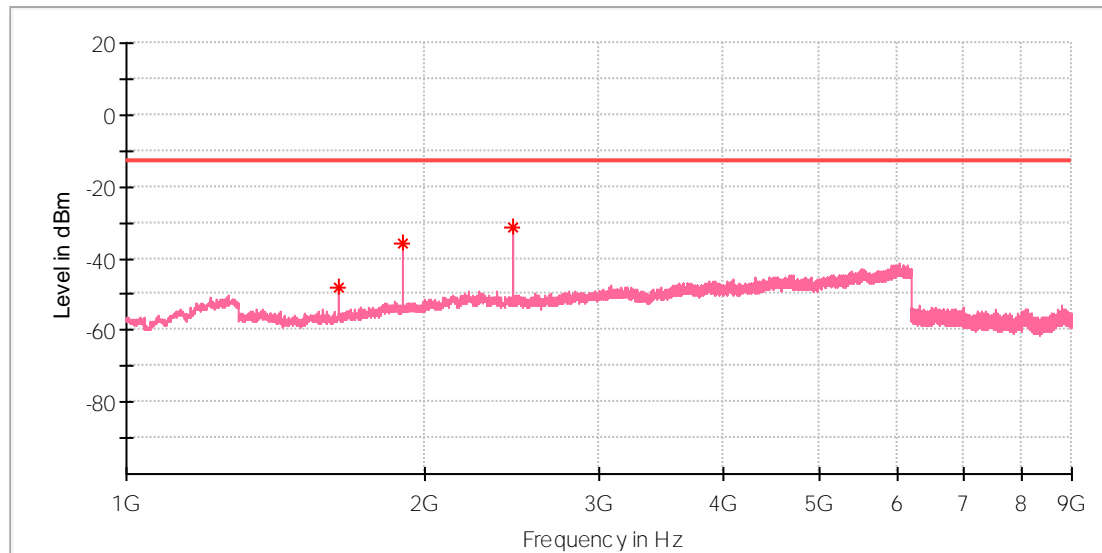
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.000000	-45.02	-13.00	32.02	100.0	H	12.0	-92.6
2455.500000	-24.85	-13.00	11.85	100.0	H	165.0	-87.9
4092.500000	-39.49	-13.00	26.49	100.0	H	74.0	-85.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

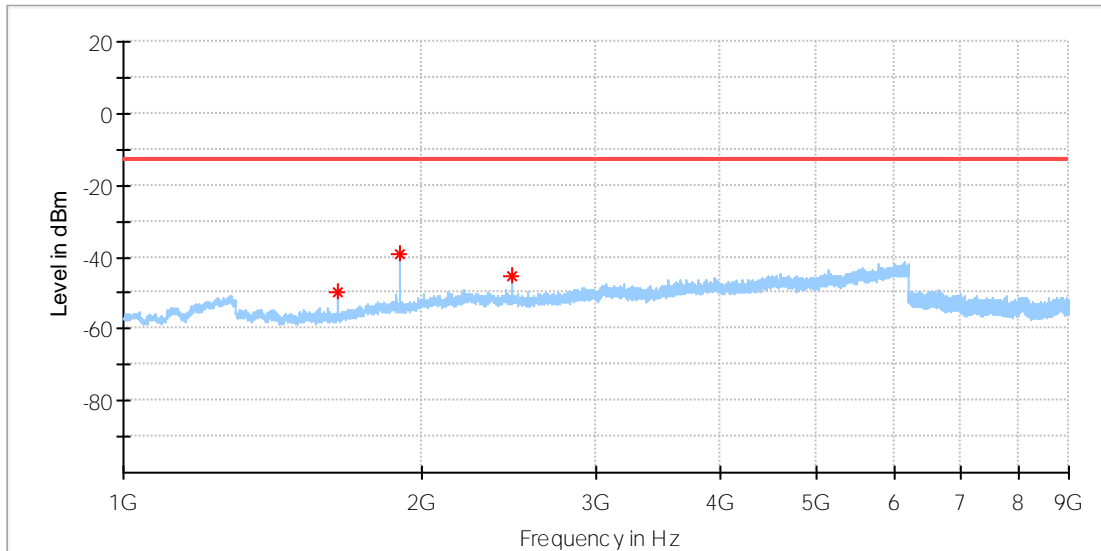
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1636.500000	-48.02	-13.00	35.02	100.0	V	238.0	-92.5
1899.500000	-35.59	-13.00	22.59	100.0	V	92.0	-90.2
2455.500000	-31.56	-13.00	18.56	100.0	V	358.0	-88.1

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



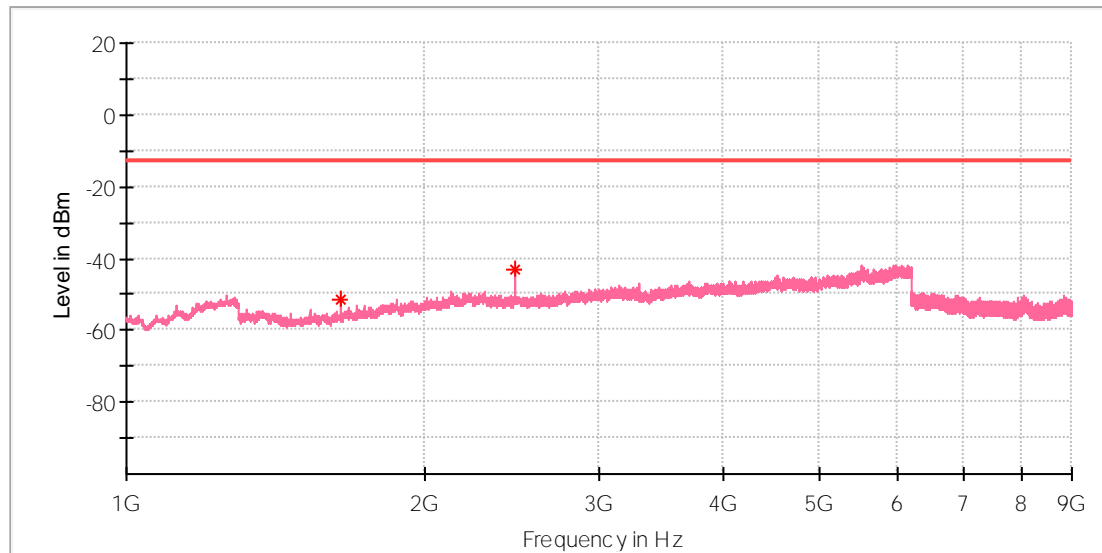
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-49.60	-13.00	36.60	100.0	H	356.0	-92.4
1901.000000	-38.95	-13.00	25.95	100.0	H	83.0	-90.2
2471.500000	-45.14	-13.00	32.14	100.0	H	324.0	-87.9

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:54%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

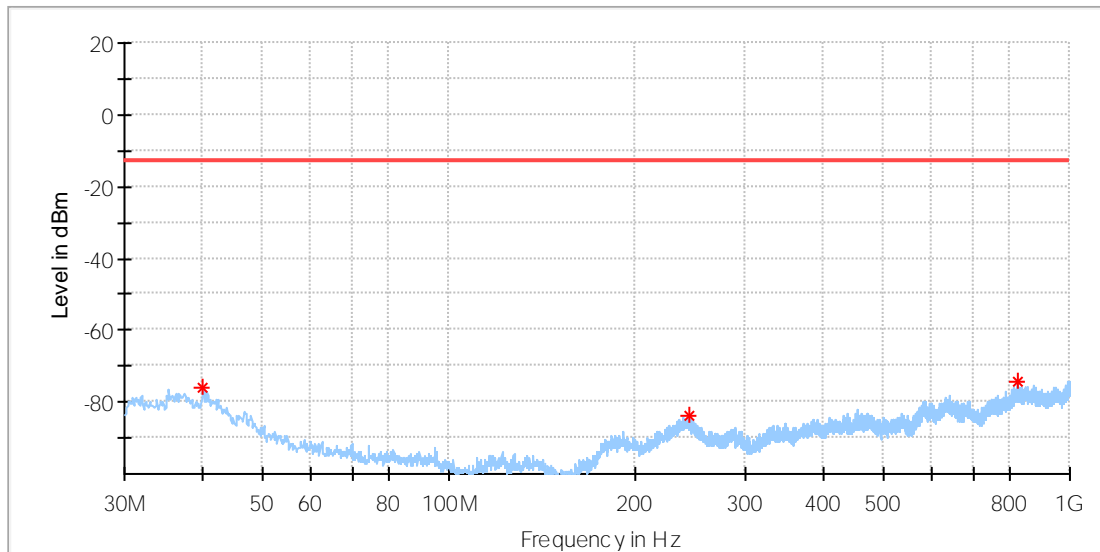
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1647.500000	-51.46	-13.00	38.46	100.0	V	319.0	-92.4
2471.000000	-43.12	-13.00	30.12	100.0	V	357.0	-88.0

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-W1
Test Mode:	TX 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

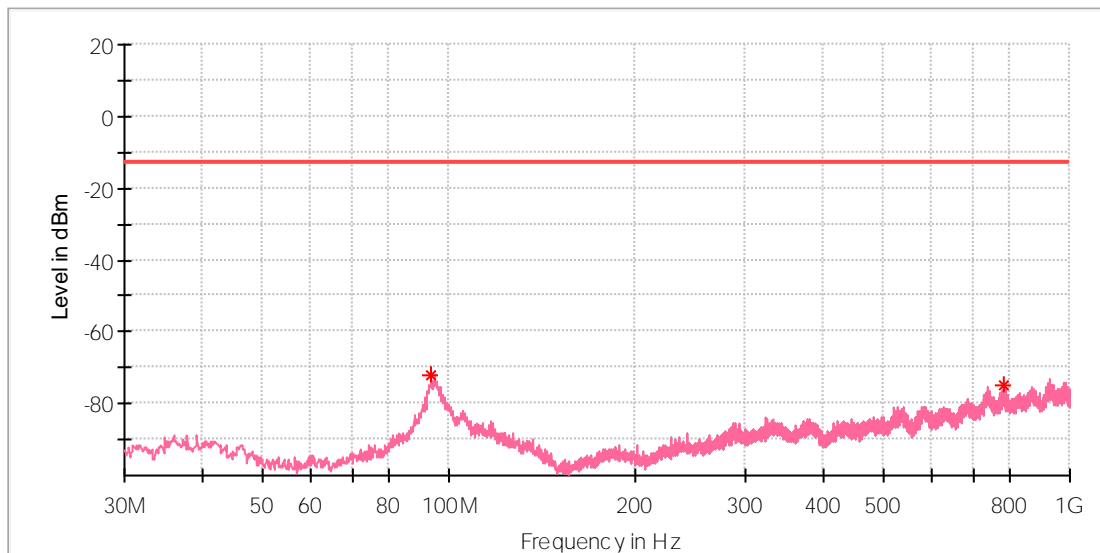


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
40.185000	-76.14	-13.00	63.14	100.0	H	183.0	-113.0
243.157500	-84.01	-13.00	71.01	100.0	H	318.0	-110.0
821.398750	-74.28	-13.00	61.28	100.0	H	205.0	-101.3

EUT Information

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

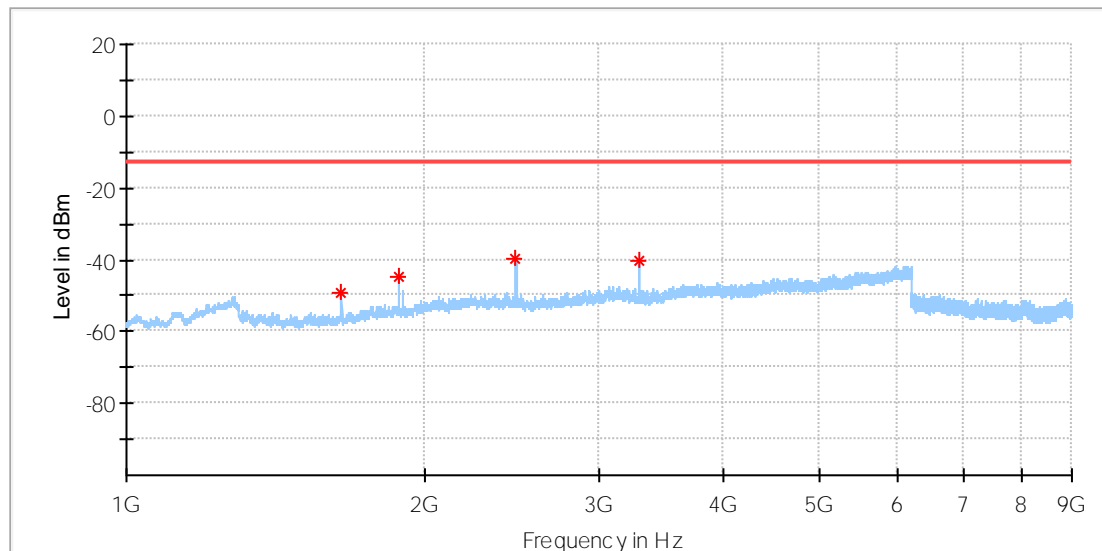
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.535000	-72.12	-13.00	59.12	100.0	V	0.0	-100.8
782.598750	-74.86	-13.00	61.86	100.0	V	244.0	-102.5

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



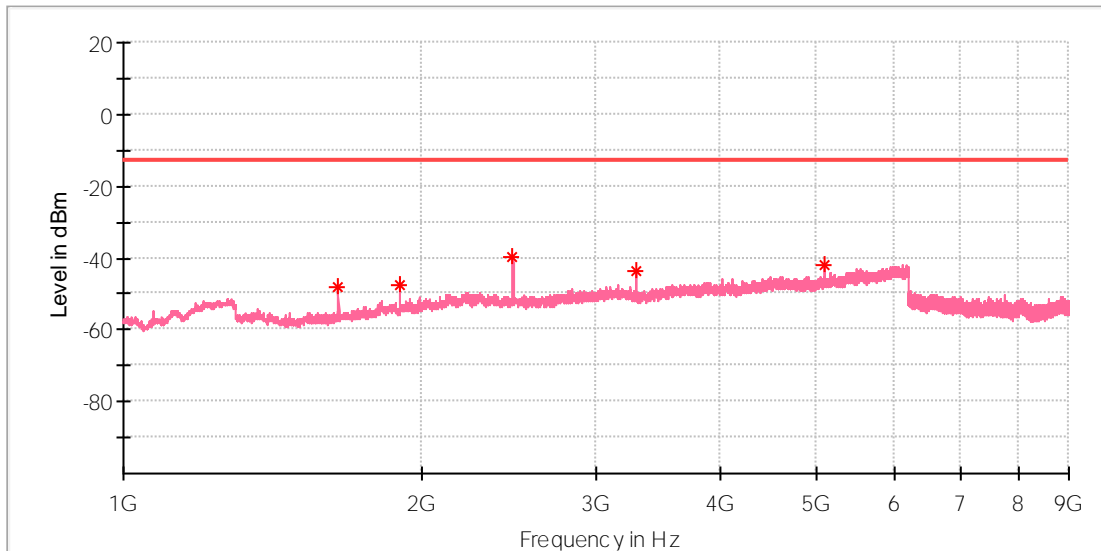
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-49.29	-13.00	36.29	100.0	H	78.0	-92.4
1886.500000	-44.83	-13.00	31.83	100.0	H	141.0	-90.2
2472.500000	-39.58	-13.00	26.58	100.0	H	33.0	-87.9
3296.500000	-40.21	-13.00	27.21	100.0	H	92.0	-87.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

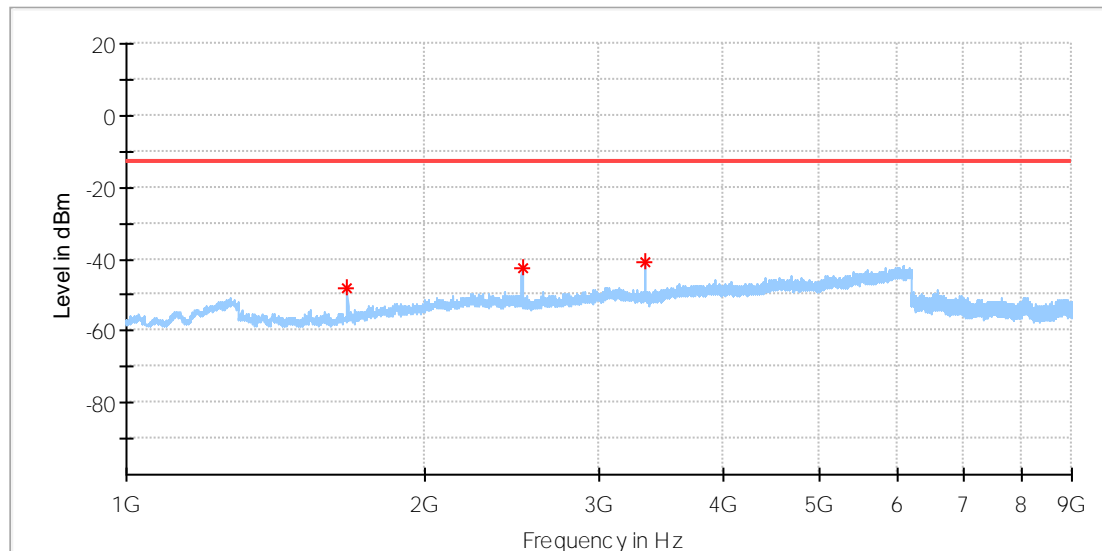
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-48.10	-13.00	35.10	100.0	V	313.0	-92.4
1904.000000	-47.52	-13.00	34.52	100.0	V	241.0	-90.1
2472.500000	-39.62	-13.00	26.62	100.0	V	73.0	-88.0
3297.000000	-43.49	-13.00	30.49	100.0	V	7.0	-87.3
5099.500000	-42.02	-13.00	29.02	100.0	V	350.0	-83.2

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



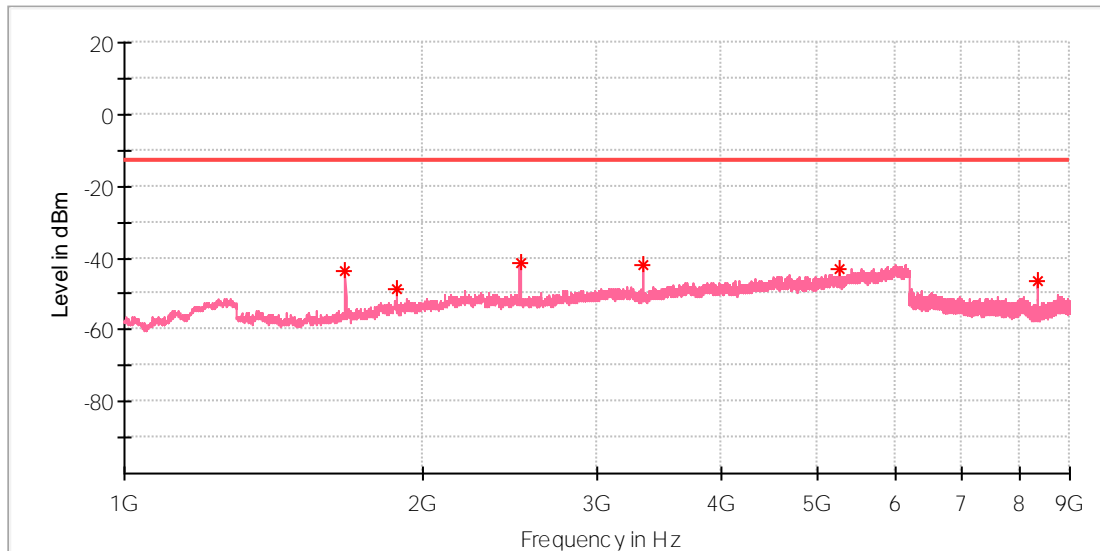
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1671.500000	-48.34	-13.00	35.34	100.0	H	174.0	-92.5
2508.000000	-42.71	-13.00	29.71	100.0	H	28.0	-88.3
3344.000000	-41.10	-13.00	28.10	100.0	H	83.0	-87.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

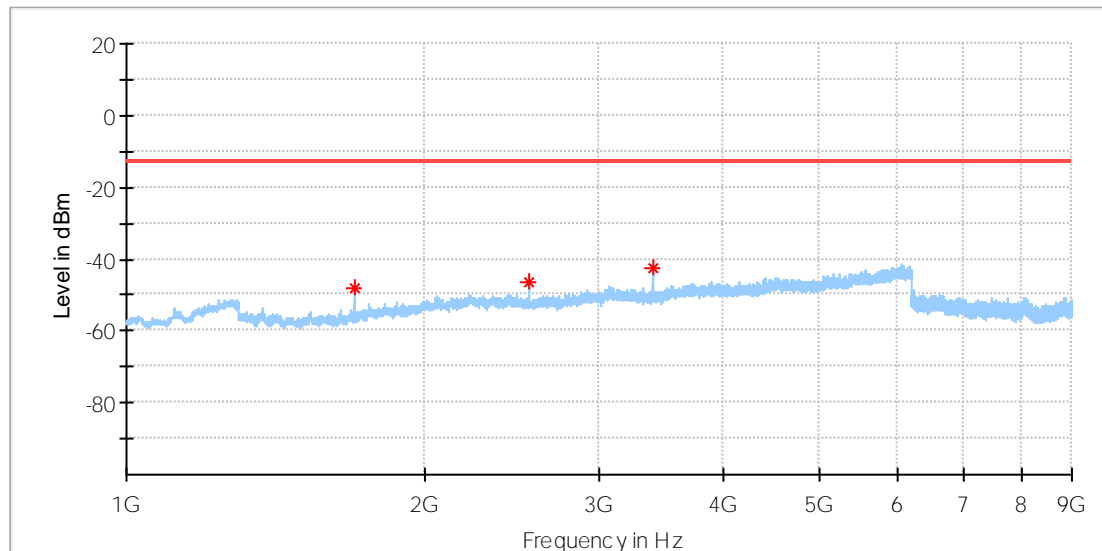
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-43.90	-13.00	30.90	100.0	V	60.0	-92.2
1886.000000	-48.92	-13.00	35.92	100.0	V	26.0	-90.3
2508.000000	-41.67	-13.00	28.67	100.0	V	60.0	-88.2
3344.000000	-42.09	-13.00	29.09	100.0	V	4.0	-87.3
5279.000000	-43.33	-13.00	30.33	100.0	V	151.0	-83.2
8359.850000	-46.35	-13.00	33.35	100.0	V	356.0	-87.8

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



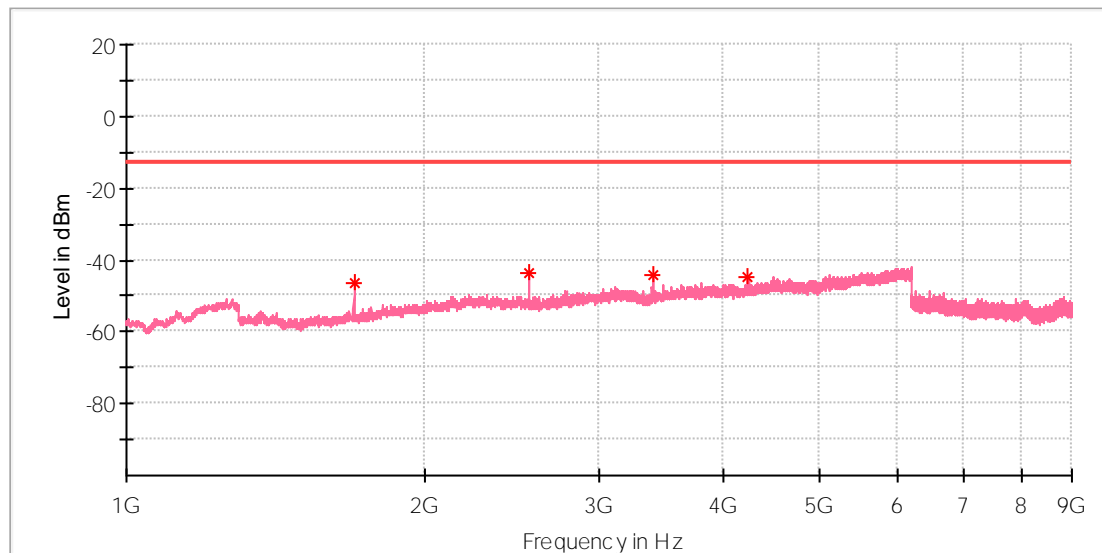
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.000000	-48.18	-13.00	35.18	100.0	H	71.0	-92.4
2546.000000	-46.42	-13.00	33.42	100.0	H	140.0	-88.3
3394.500000	-42.55	-13.00	29.55	100.0	H	98.0	-87.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

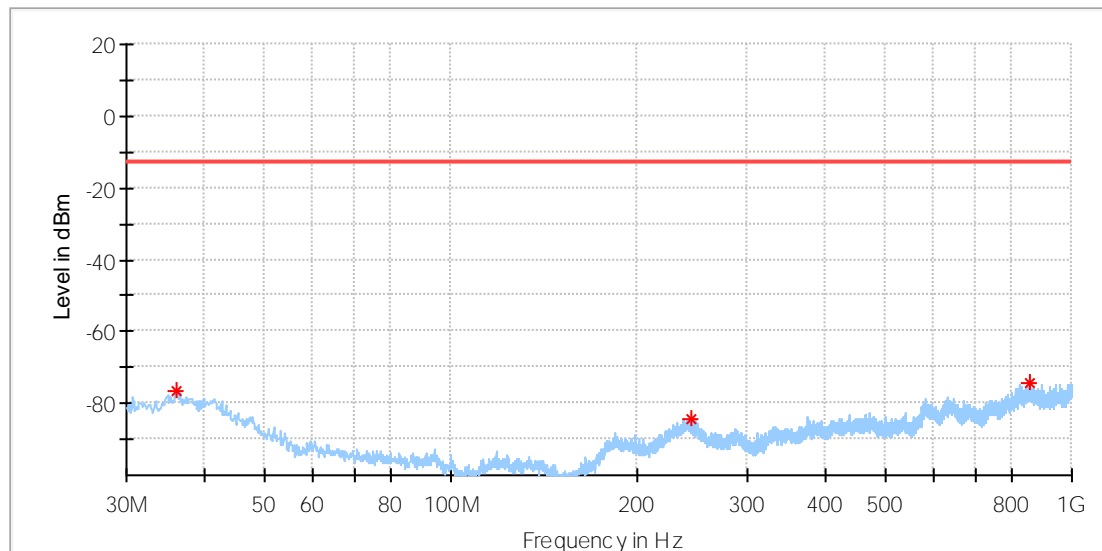
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.500000	-46.31	-13.00	33.31	100.0	V	124.0	-92.1
2546.000000	-43.77	-13.00	30.77	100.0	V	55.0	-88.4
3395.000000	-43.98	-13.00	30.98	100.0	V	124.0	-87.1
4243.500000	-44.64	-13.00	31.64	100.0	V	10.0	-85.2

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

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

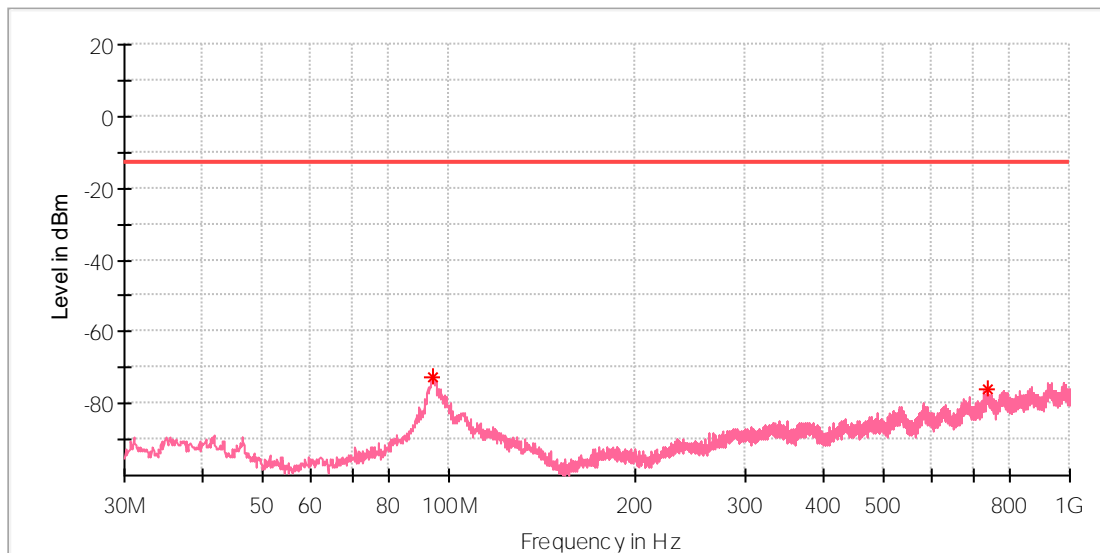


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.183750	-76.80	-13.00	63.80	100.0	H	111.0	-113.3
243.521250	-84.32	-13.00	71.32	100.0	H	62.0	-110.0
852.681250	-74.53	-13.00	61.53	100.0	H	237.0	-100.2

EUT Information

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

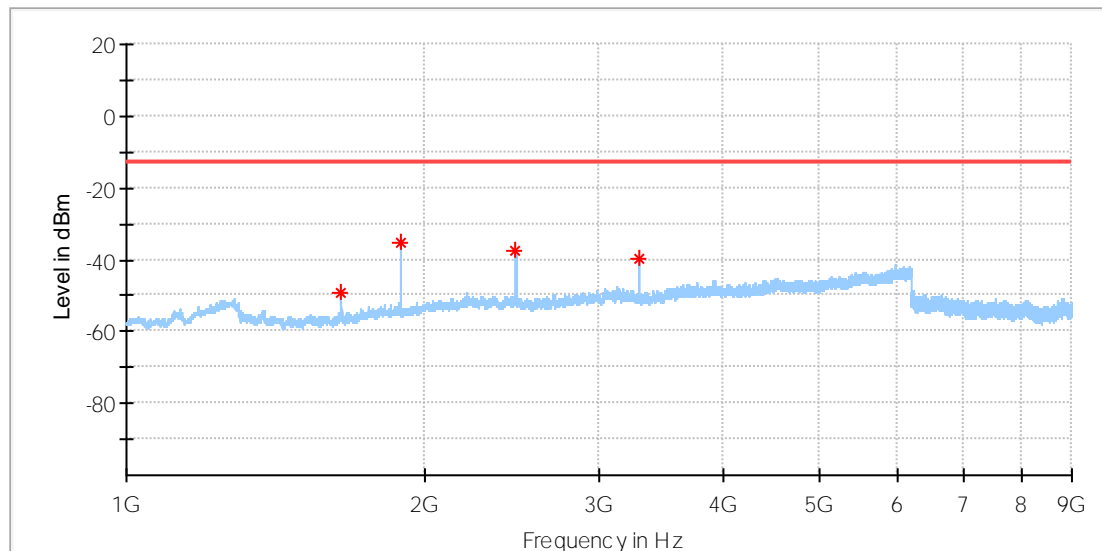
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.262500	-72.66	-13.00	59.66	100.0	V	83.0	-99.6
736.887500	-75.97	-13.00	62.97	100.0	V	249.0	-102.2

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



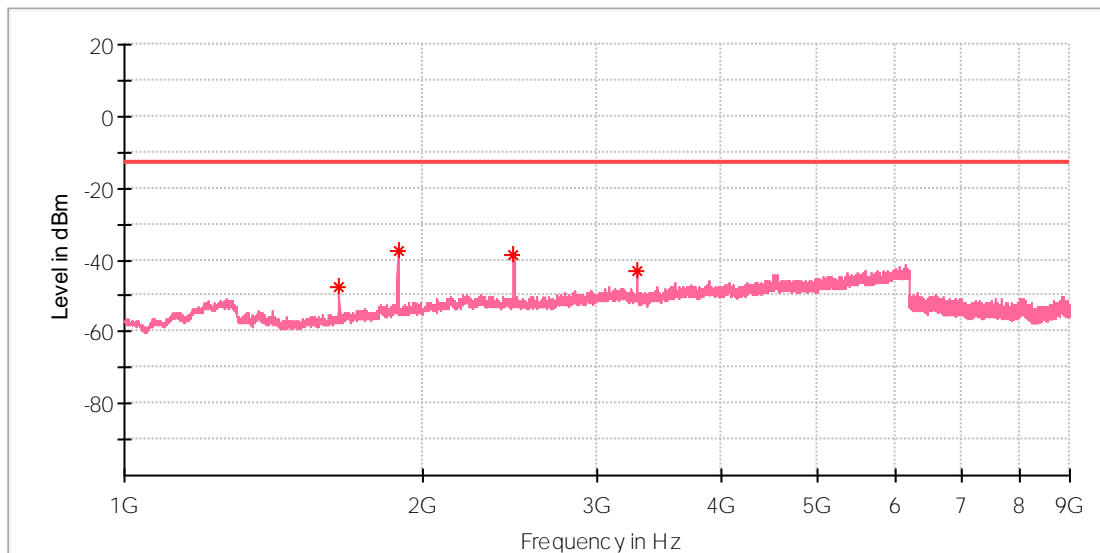
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-49.09	-13.00	36.09	100.0	H	79.0	-92.4
1891.000000	-35.42	-13.00	22.42	100.0	H	50.0	-90.3
2472.500000	-37.53	-13.00	24.53	100.0	H	28.0	-87.9
3297.000000	-39.90	-13.00	26.90	100.0	H	93.0	-87.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

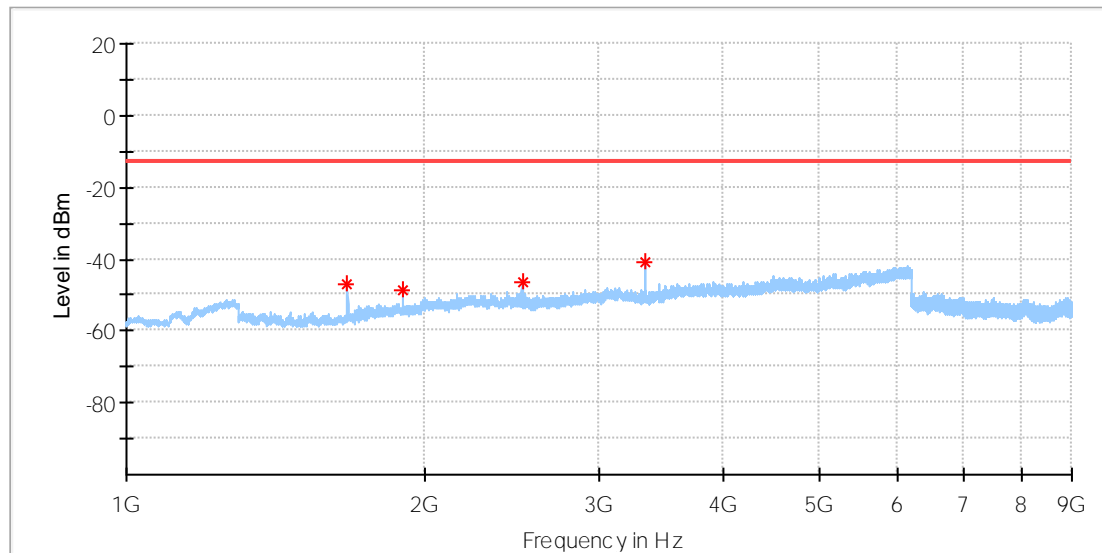
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-47.79	-13.00	34.79	100.0	V	71.0	-92.4
1888.500000	-37.53	-13.00	24.53	100.0	V	301.0	-90.4
2472.500000	-38.66	-13.00	25.66	100.0	V	64.0	-88.0
3297.000000	-43.31	-13.00	30.31	100.0	V	6.0	-87.3

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



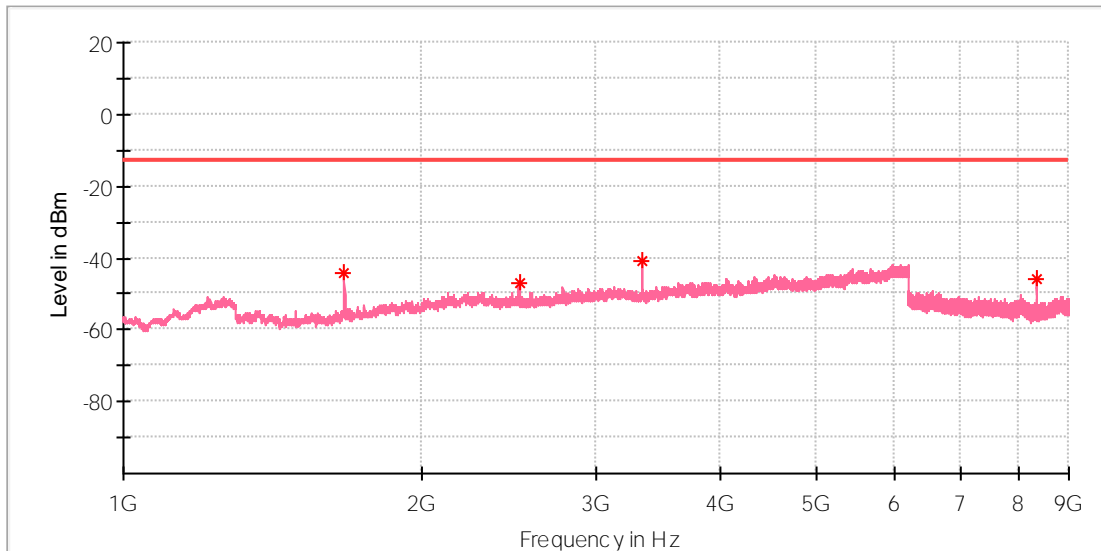
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1671.500000	-47.12	-13.00	34.12	100.0	H	85.0	-92.5
1903.500000	-48.41	-13.00	35.41	100.0	H	36.0	-90.1
2508.000000	-46.16	-13.00	33.16	100.0	H	231.0	-88.3
3344.000000	-40.72	-13.00	27.72	100.0	H	78.0	-87.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

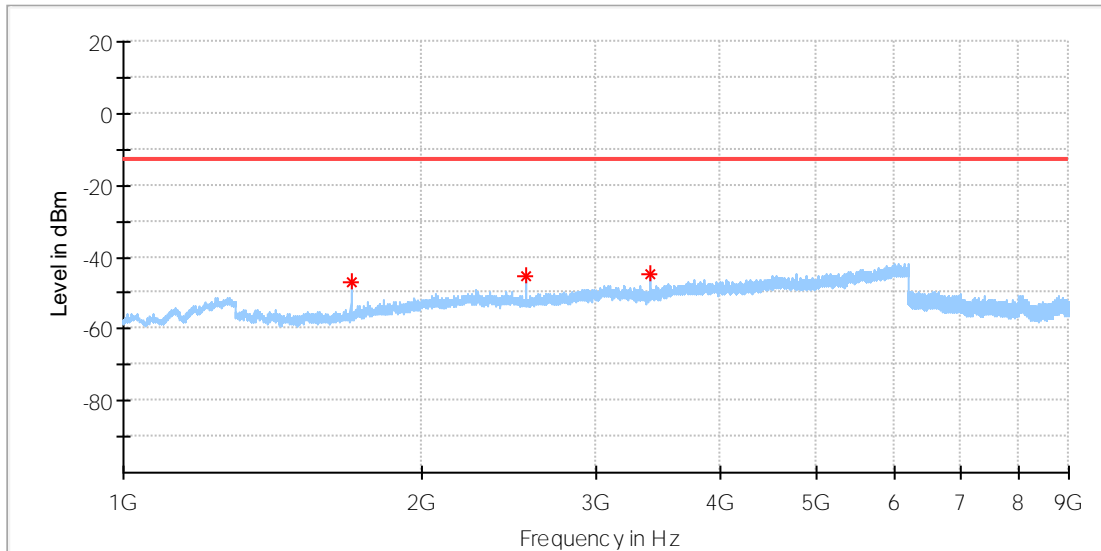
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-44.41	-13.00	31.41	100.0	V	56.0	-92.2
2508.000000	-47.13	-13.00	34.13	100.0	V	48.0	-88.2
3344.000000	-40.69	-13.00	27.69	100.0	V	353.0	-87.3
8360.550000	-45.94	-13.00	32.94	100.0	V	157.0	-87.8

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



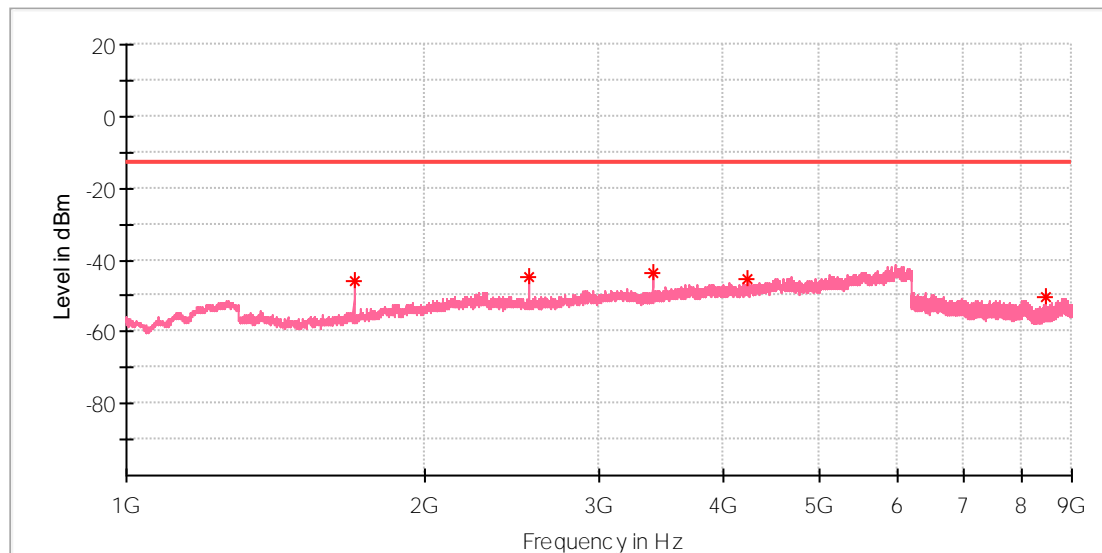
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.000000	-46.90	-13.00	33.90	100.0	H	56.0	-92.4
2546.500000	-45.40	-13.00	32.40	100.0	H	253.0	-88.3
3395.000000	-44.75	-13.00	31.75	100.0	H	71.0	-87.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

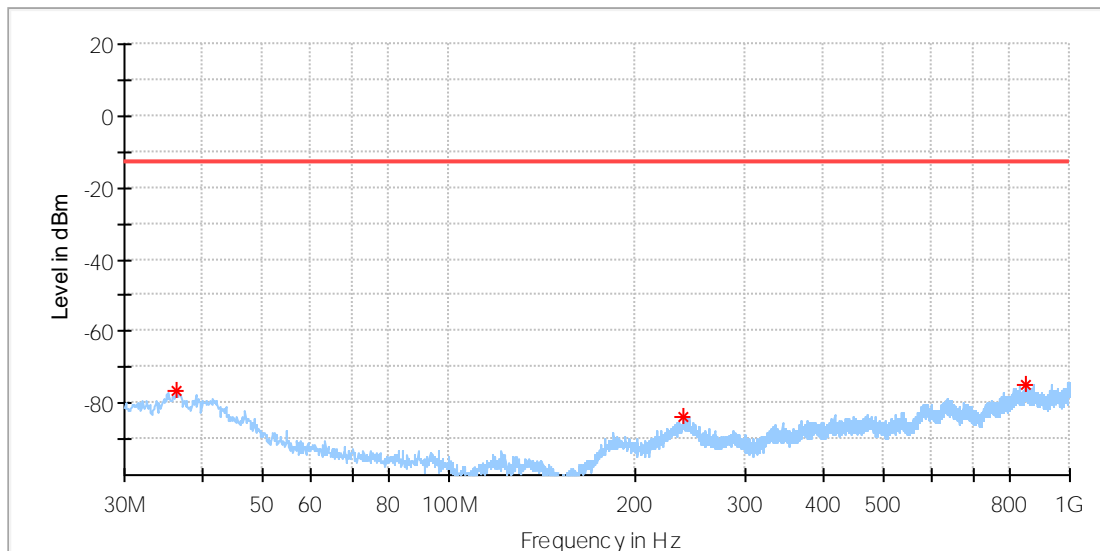
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.500000	-46.01	-13.00	33.01	100.0	V	125.0	-92.1
2546.000000	-44.86	-13.00	31.86	100.0	V	53.0	-88.4
3395.000000	-43.66	-13.00	30.66	100.0	V	2.0	-87.1
4243.500000	-45.17	-13.00	32.17	100.0	V	25.0	-85.2
8487.716667	-50.36	-13.00	37.36	100.0	V	4.0	-87.5

Appendix K.8: Field Strength of Spurious Radiation for Band 66

Test Result of QPSK modulation
 Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M 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

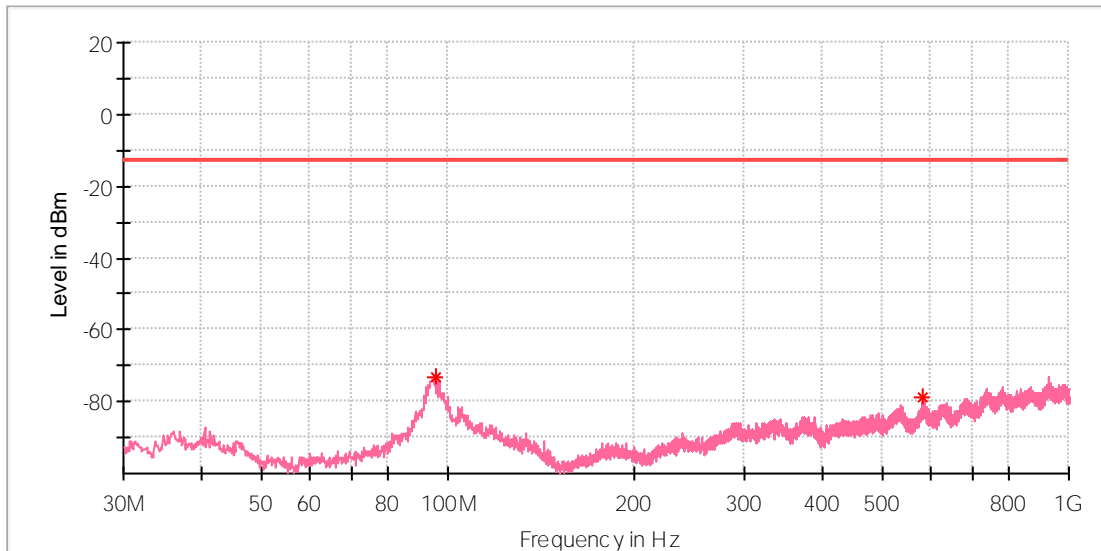


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.305000	-76.61	-13.00	63.61	100.0	H	206.0	-113.2
239.277500	-83.83	-13.00	70.83	100.0	H	202.0	-110.6
849.407500	-74.82	-13.00	61.82	100.0	H	139.0	-100.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX 1.4M 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

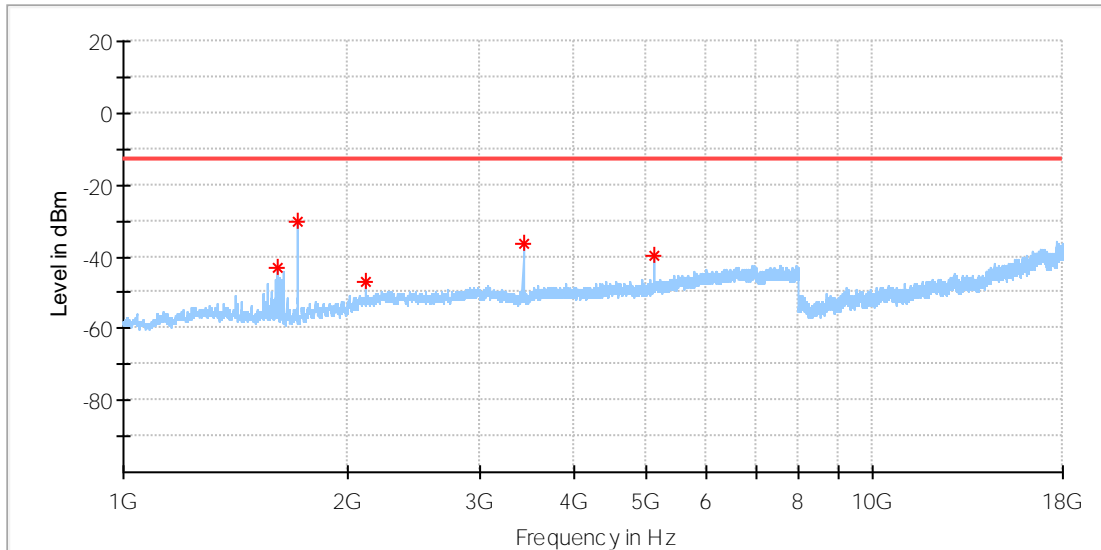
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
95.475000	-73.13	-13.00	60.13	100.0	V	281.0	-100.2
582.536250	-78.76	-13.00	65.76	100.0	V	294.0	-106.6

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



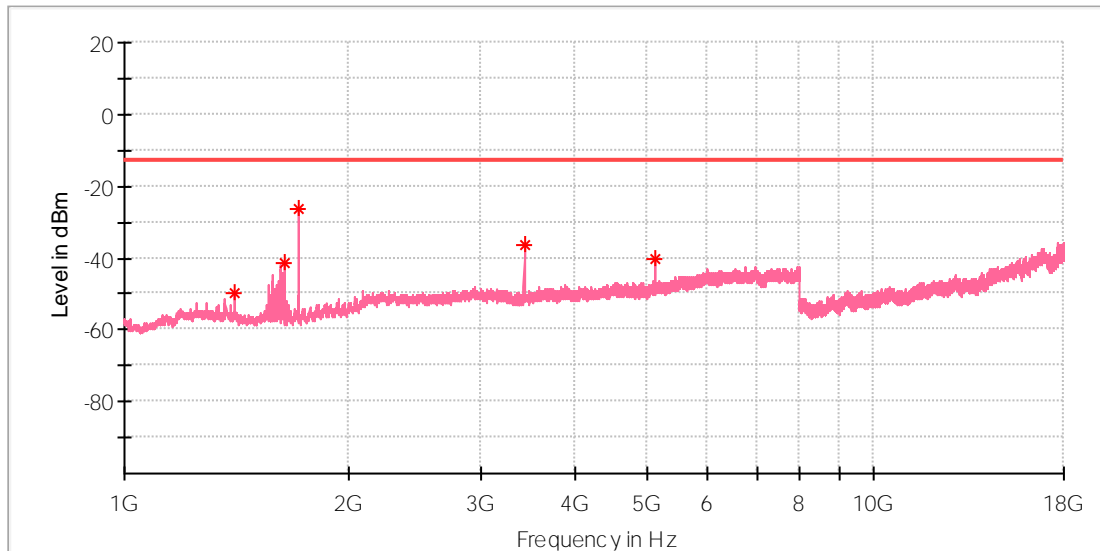
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1609.000000	-42.81	-13.00	29.81	100.0	H	294.0	-93.1
1710.000000	-30.14	-13.00	17.14	100.0	H	79.0	-92.1
2110.500000	-47.14	-13.00	34.14	100.0	H	177.0	-89.0
3420.000000	-36.34	-13.00	23.34	100.0	H	17.0	-87.9
5130.500000	-39.88	-13.00	26.88	100.0	H	10.0	-84.8

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

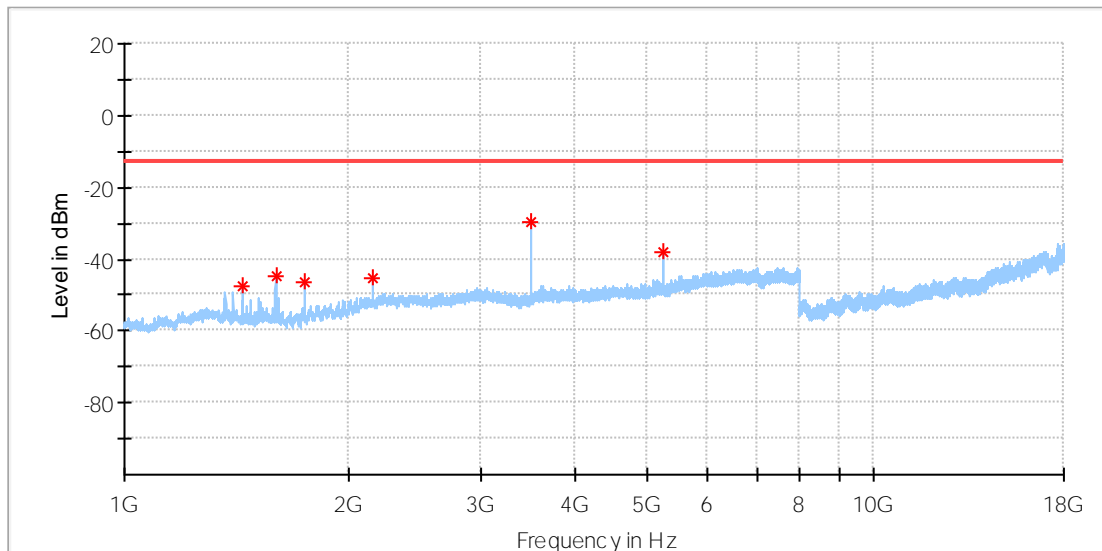
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1402.500000	-49.51	-13.00	36.51	100.0	V	202.0	-92.7
1636.000000	-41.47	-13.00	28.47	100.0	V	341.0	-92.5
1710.000000	-26.59	-13.00	13.59	100.0	V	352.0	-91.9
3420.500000	-36.23	-13.00	23.23	100.0	V	68.0	-87.7
5131.000000	-40.17	-13.00	27.17	100.0	V	0.0	-84.9

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

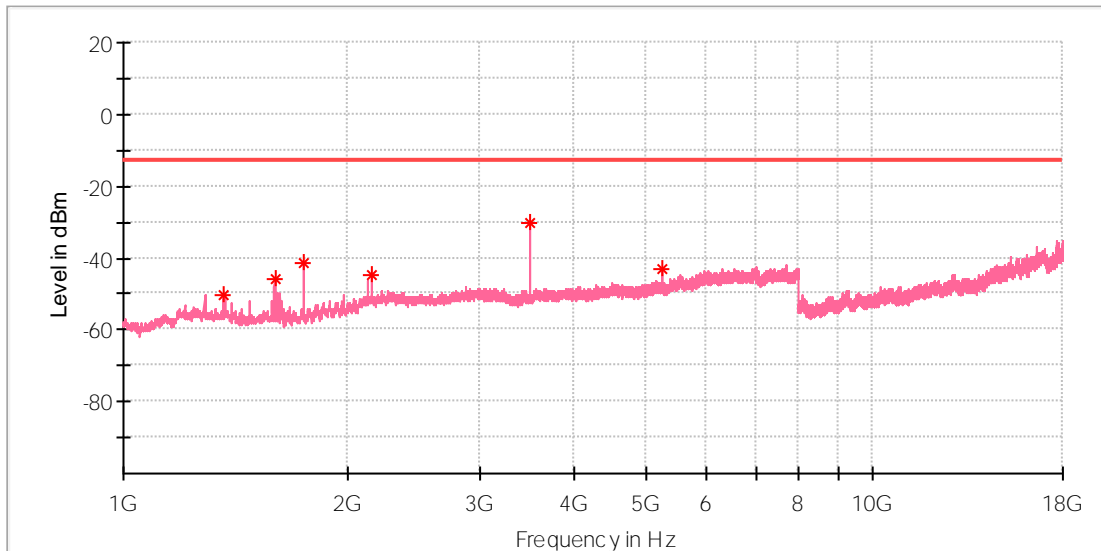


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1436.500000	-47.38	-13.00	34.38	100.0	H	273.0	-93.6
1592.500000	-44.81	-13.00	31.81	100.0	H	305.0	-92.7
1744.500000	-46.26	-13.00	33.26	100.0	H	38.0	-91.5
2145.000000	-45.09	-13.00	32.09	100.0	H	80.0	-88.5
3489.000000	-29.94	-13.00	16.94	100.0	H	10.0	-87.7
5233.500000	-38.29	-13.00	25.29	100.0	H	4.0	-85.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

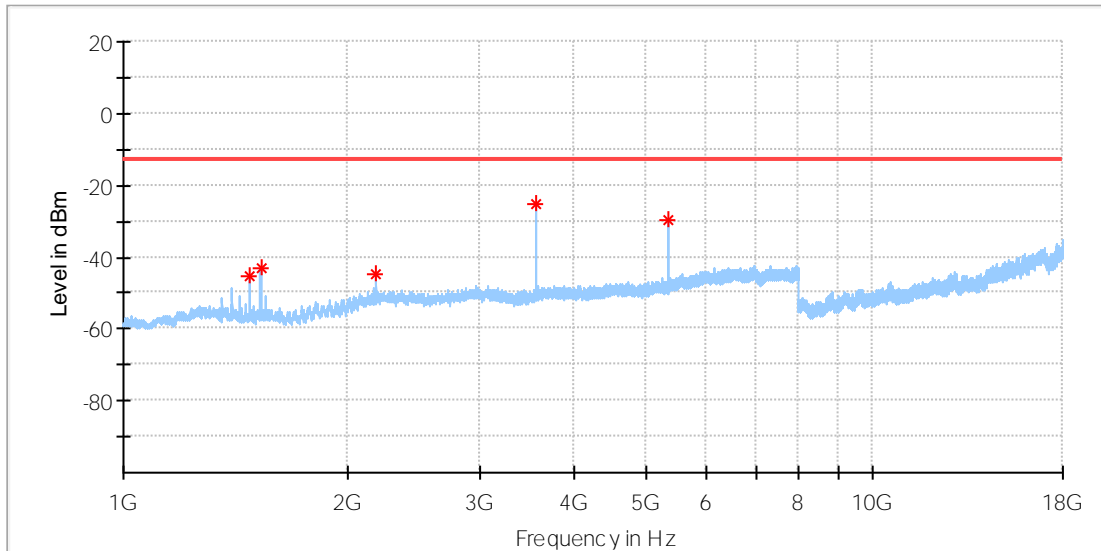
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1360.000000	-50.37	-13.00	37.37	100.0	V	352.0	-92.1
1592.500000	-45.72	-13.00	32.72	100.0	V	356.0	-92.9
1744.500000	-41.27	-13.00	28.27	100.0	V	102.0	-91.6
2145.500000	-44.53	-13.00	31.53	100.0	V	352.0	-88.0
3488.500000	-30.39	-13.00	17.39	100.0	V	69.0	-87.7
5233.500000	-43.30	-13.00	30.30	100.0	V	34.0	-85.0

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



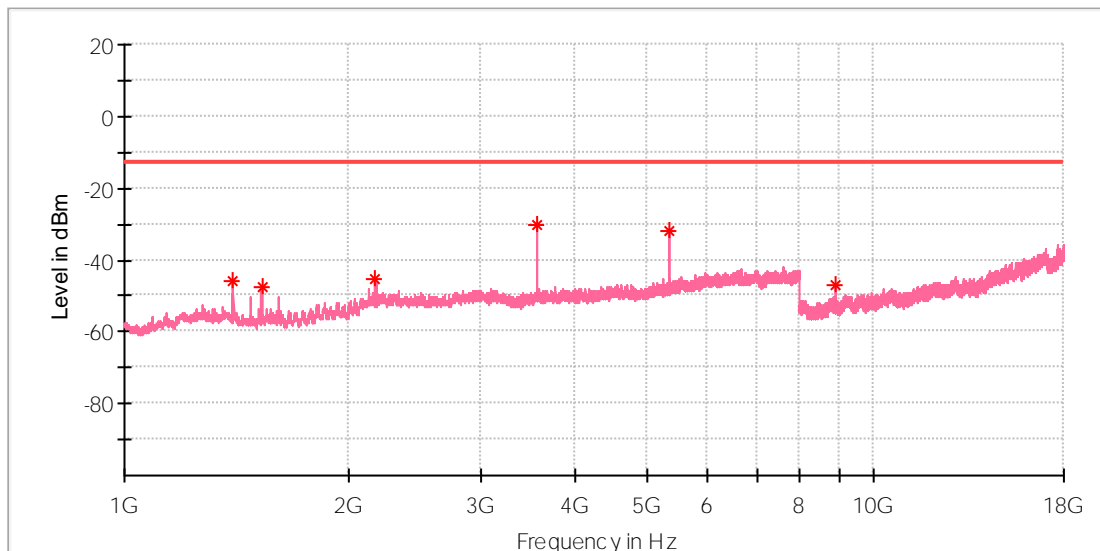
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1472.500000	-45.10	-13.00	32.10	100.0	H	78.0	-93.3
1525.500000	-43.26	-13.00	30.26	100.0	H	1.0	-92.9
2179.500000	-44.82	-13.00	31.82	100.0	H	78.0	-88.0
3559.000000	-25.33	-13.00	12.33	100.0	H	16.0	-87.0
5339.000000	-29.53	-13.00	16.53	100.0	H	359.0	-84.9

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

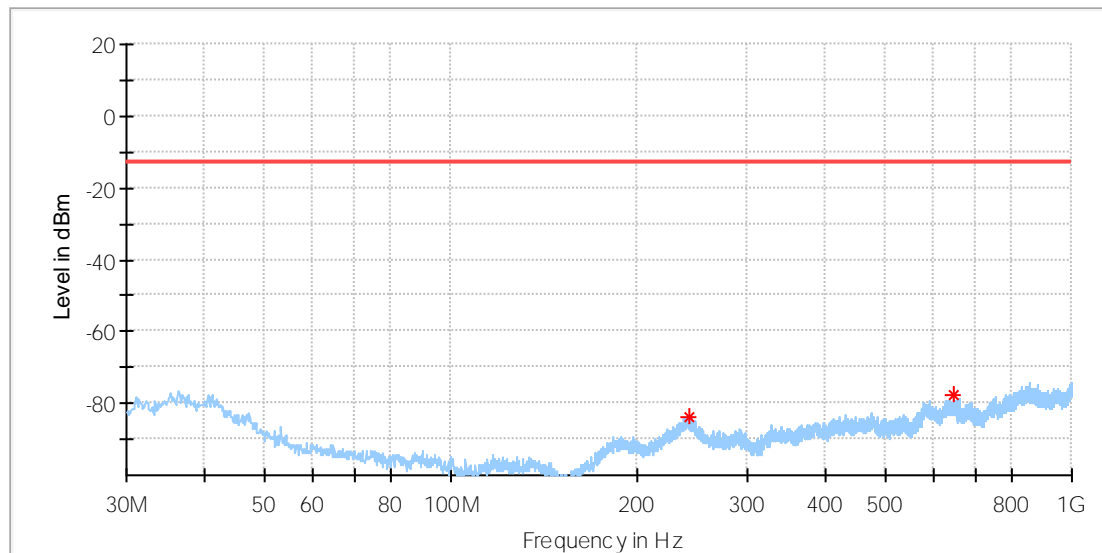
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-46.13	-13.00	33.13	100.0	V	188.0	-92.9
1525.500000	-47.68	-13.00	34.68	100.0	V	140.0	-93.5
2161.000000	-45.10	-13.00	32.10	100.0	V	316.0	-88.2
3559.500000	-30.46	-13.00	17.46	100.0	V	70.0	-87.0
5339.000000	-31.64	-13.00	18.64	100.0	V	341.0	-84.8
8898.500000	-47.22	-13.00	34.22	100.0	V	339.0	-86.3

Produkte
Products

Test Result of 16QAM modulation Below 1 GHz

EUT Information

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



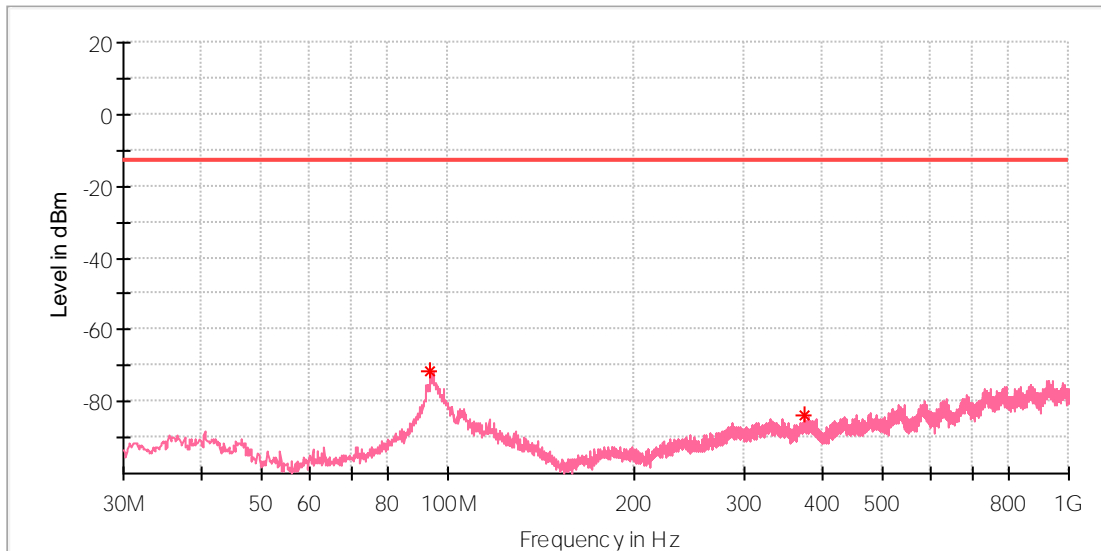
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
241.338750	-83.67	-13.00	70.67	100.0	H	155.0	-110.2
644.616250	-77.87	-13.00	64.87	100.0	H	57.0	-104.6

Produkte
Products

EUT Information

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

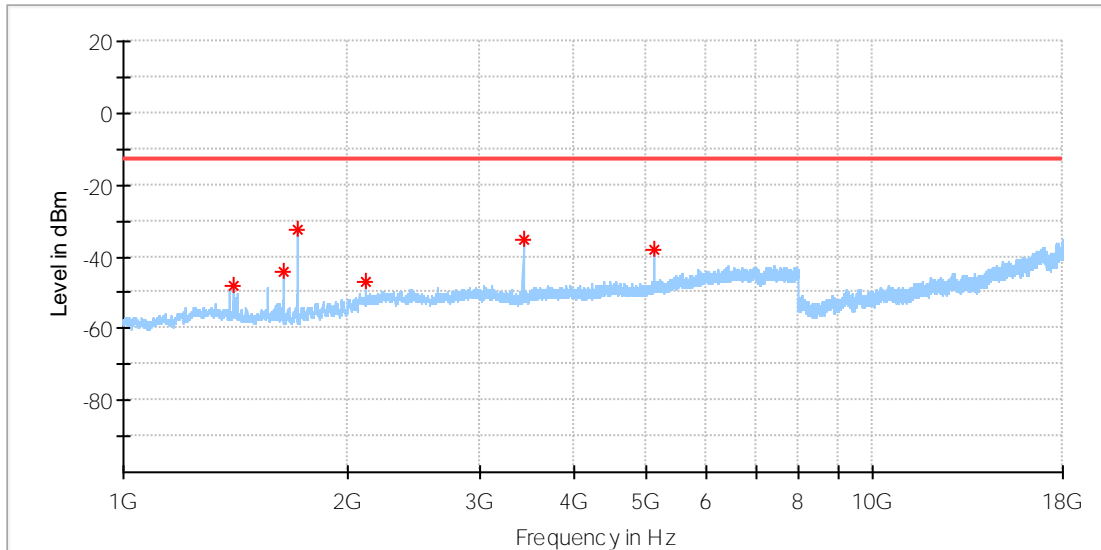
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.777500	-71.66	-13.00	58.66	100.0	V	70.0	-100.4
376.047500	-83.56	-13.00	70.56	100.0	V	182.0	-110.9

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

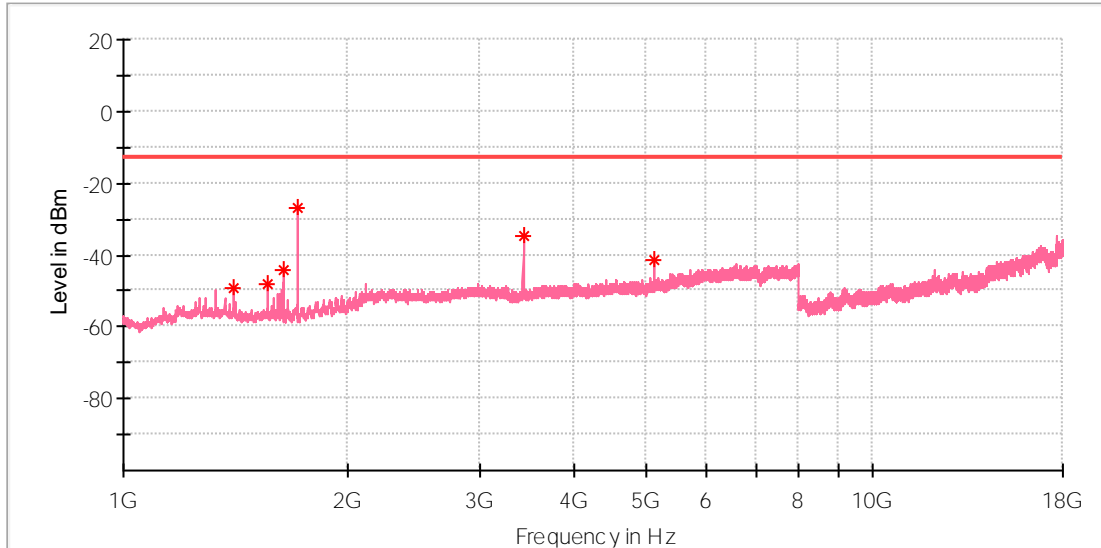


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1404.000000	-48.30	-13.00	35.30	100.0	H	200.0	-92.8
1635.500000	-44.01	-13.00	31.01	100.0	H	294.0	-92.6
1710.000000	-32.58	-13.00	19.58	100.0	H	66.0	-92.1
2111.000000	-46.82	-13.00	33.82	100.0	H	175.0	-89.0
3420.000000	-35.13	-13.00	22.13	100.0	H	13.0	-87.9
5130.500000	-37.96	-13.00	24.96	100.0	H	0.0	-84.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

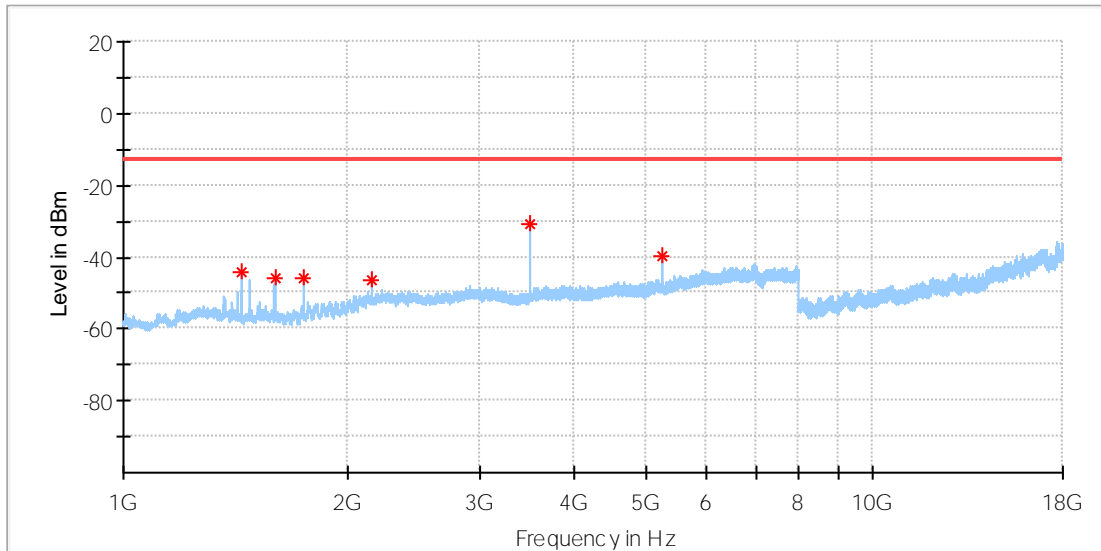
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1402.500000	-49.00	-13.00	36.00	100.0	V	201.0	-92.7
1561.500000	-47.93	-13.00	34.93	100.0	V	12.0	-93.0
1636.500000	-43.95	-13.00	30.95	100.0	V	7.0	-92.5
1710.000000	-26.83	-13.00	13.83	100.0	V	0.0	-91.9
3420.500000	-34.93	-13.00	21.93	100.0	V	74.0	-87.7
5130.500000	-41.45	-13.00	28.45	100.0	V	339.0	-84.9

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

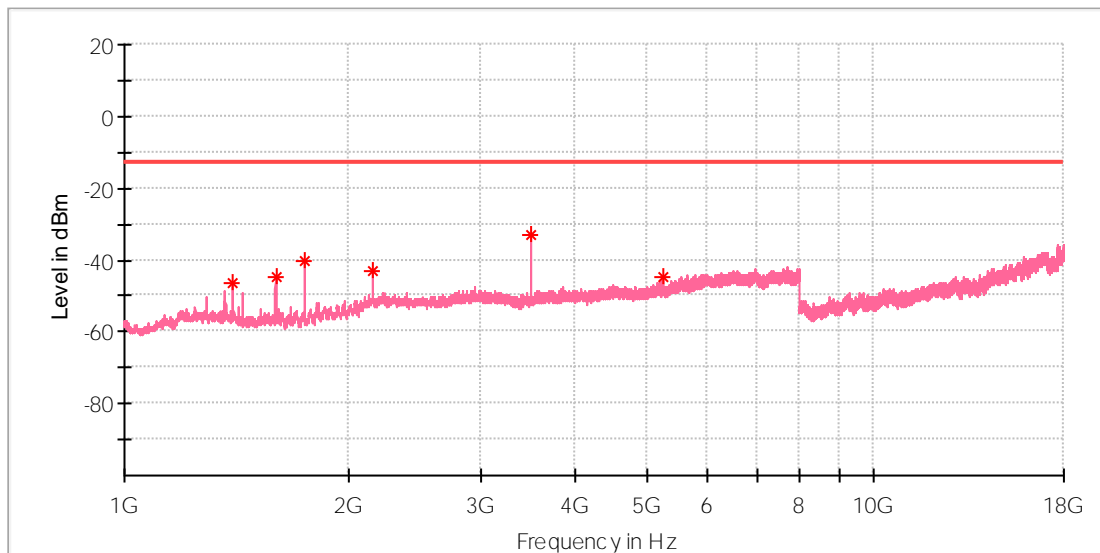


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1437.000000	-43.98	-13.00	30.98	100.0	H	148.0	-93.6
1592.500000	-45.67	-13.00	32.67	100.0	H	292.0	-92.7
1744.500000	-45.77	-13.00	32.77	100.0	H	346.0	-91.5
2144.500000	-46.55	-13.00	33.55	100.0	H	75.0	-88.5
3489.000000	-30.93	-13.00	17.93	100.0	H	39.0	-87.7
5233.500000	-39.64	-13.00	26.64	100.0	H	0.0	-85.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

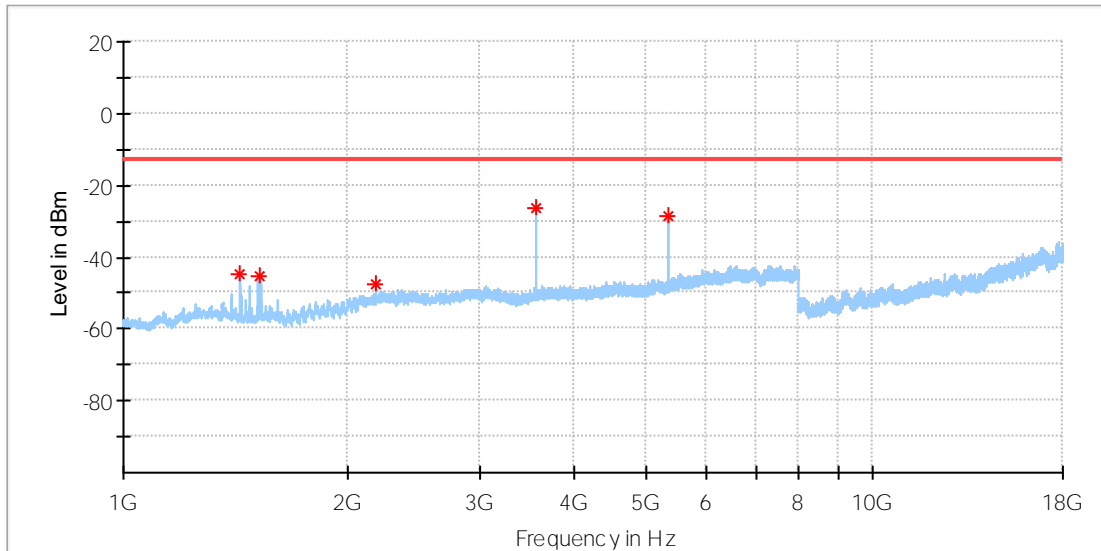
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.500000	-46.44	-13.00	33.44	100.0	V	194.0	-92.8
1592.500000	-44.84	-13.00	31.84	100.0	V	345.0	-92.9
1744.500000	-40.48	-13.00	27.48	100.0	V	96.0	-91.6
2145.000000	-42.89	-13.00	29.89	100.0	V	119.0	-88.0
3489.000000	-33.02	-13.00	20.02	100.0	V	90.0	-87.7
5233.500000	-44.50	-13.00	31.50	100.0	V	145.0	-85.0

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



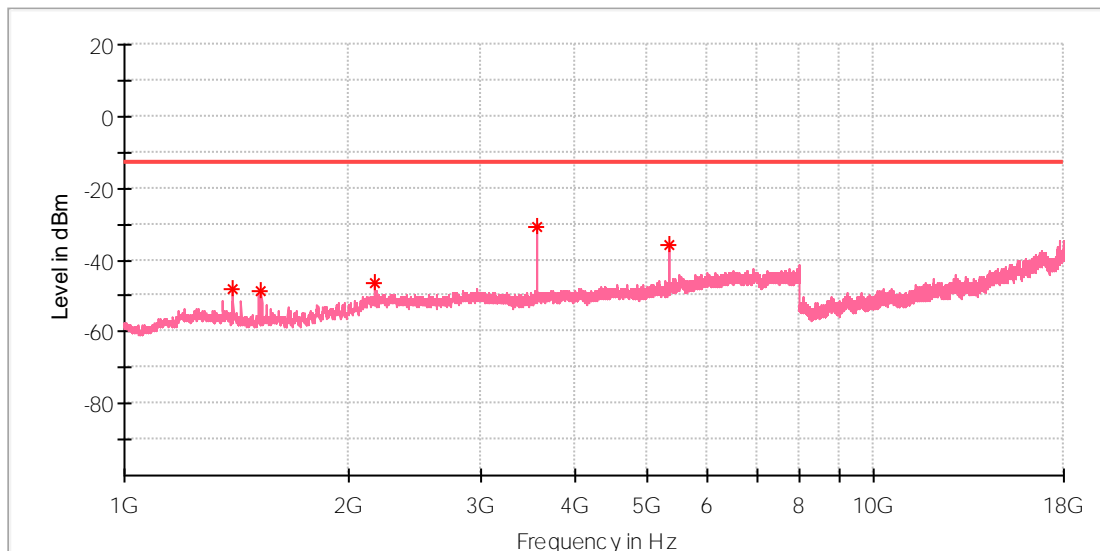
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1434.000000	-44.73	-13.00	31.73	100.0	H	150.0	-93.6
1525.000000	-45.50	-13.00	32.50	100.0	H	34.0	-92.9
2180.000000	-47.48	-13.00	34.48	100.0	H	357.0	-88.0
3559.500000	-26.33	-13.00	13.33	100.0	H	23.0	-87.0
5339.000000	-28.51	-13.00	15.51	100.0	H	5.0	-84.9

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

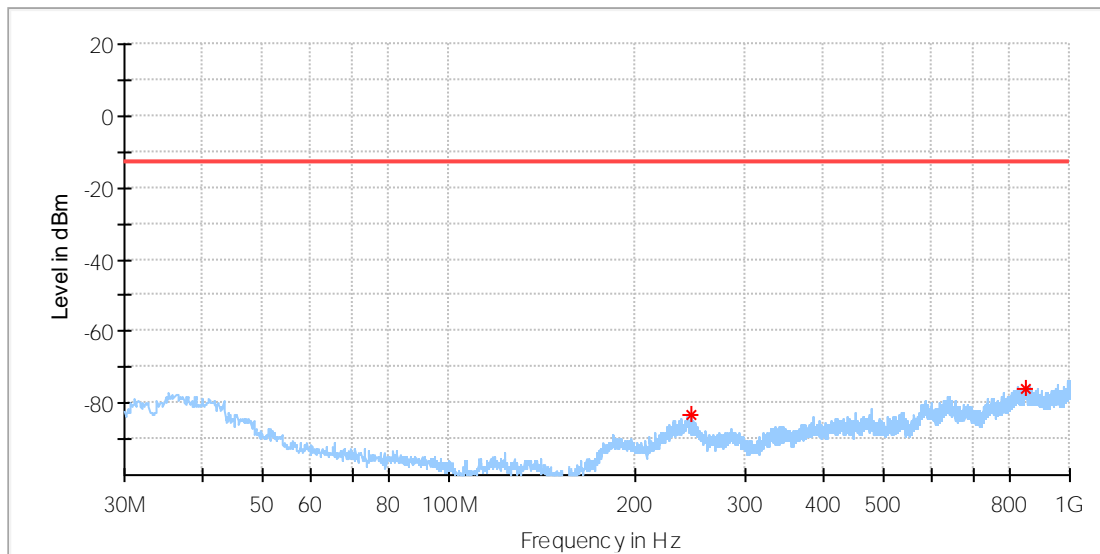
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.500000	-48.19	-13.00	35.19	100.0	V	230.0	-92.8
1525.000000	-48.85	-13.00	35.85	100.0	V	352.0	-93.5
2160.500000	-46.47	-13.00	33.47	100.0	V	314.0	-88.2
3559.000000	-30.69	-13.00	17.69	100.0	V	74.0	-87.0
5339.000000	-35.80	-13.00	22.80	100.0	V	346.0	-84.8

Appendix K.9: Field Strength of Spurious Radiation for Band 85

Test Result of QPSK modulation
Below 1 GHz

EUT Information

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

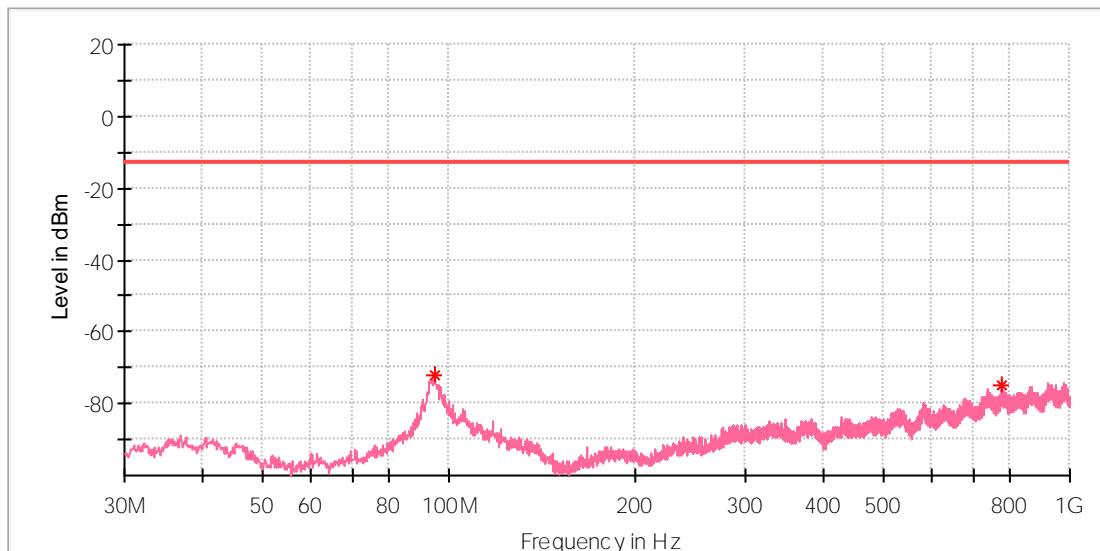


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
245.582500	-83.09	-13.00	70.09	100.0	H	178.0	-110.0
848.437500	-75.75	-13.00	62.75	100.0	H	103.0	-100.2

EUT Information

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

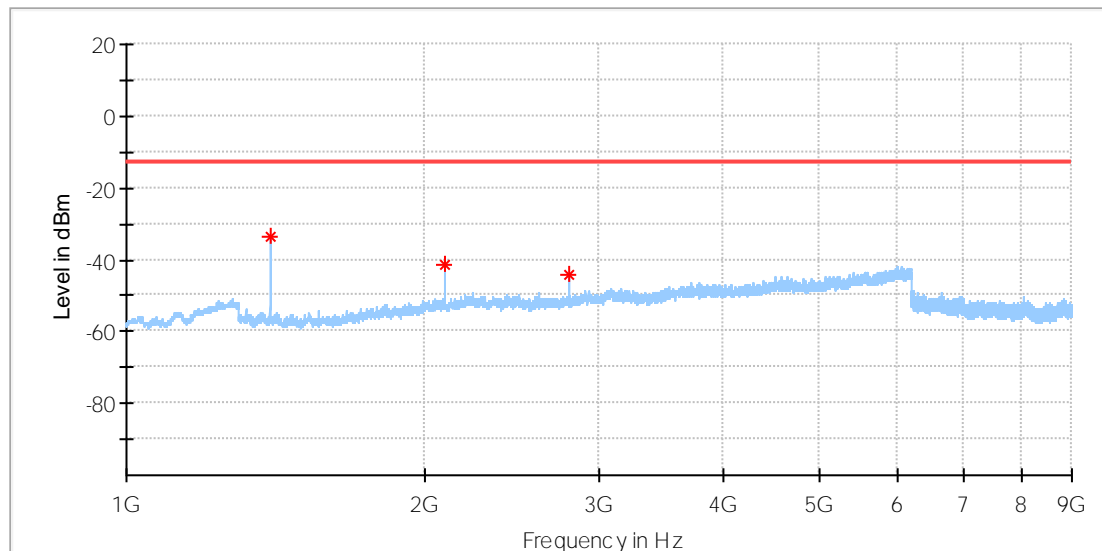
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.990000	-72.18	-13.00	59.18	100.0	V	216.0	-99.6
778.840000	-75.00	-13.00	62.00	100.0	V	13.0	-102.5

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



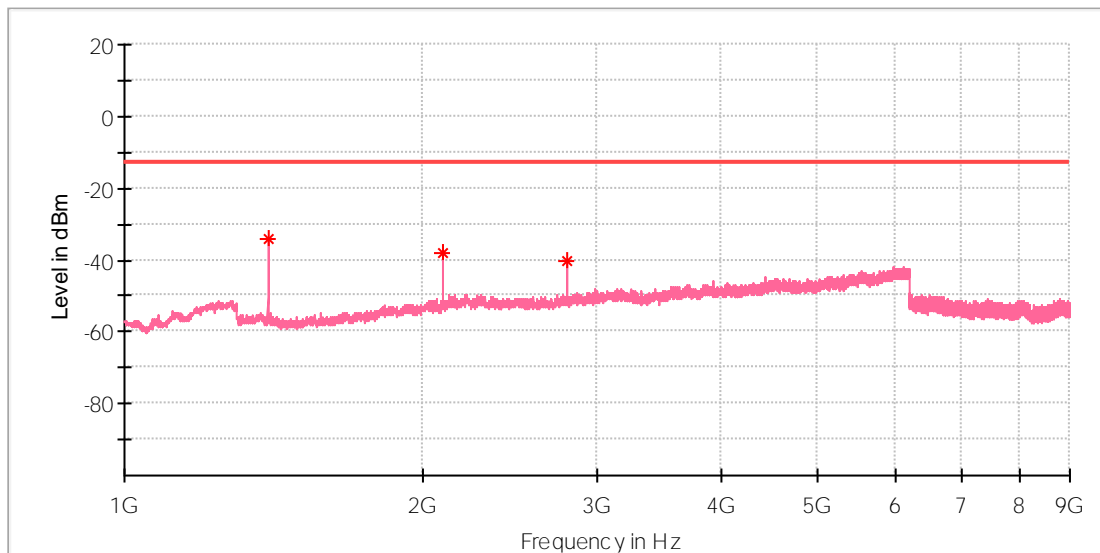
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.000000	-33.49	-13.00	20.49	100.0	H	142.0	-93.1
2094.500000	-41.62	-13.00	28.62	100.0	H	302.0	-88.7
2793.500000	-44.24	-13.00	31.24	100.0	H	253.0	-87.4

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

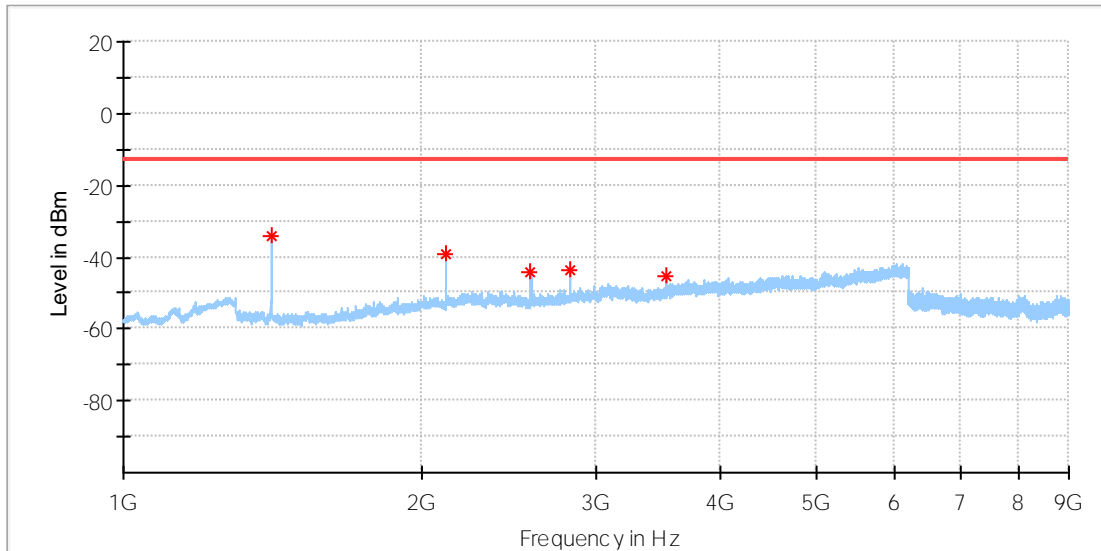
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.500000	-34.41	-13.00	21.41	100.0	V	295.0	-92.9
2095.000000	-38.26	-13.00	25.26	100.0	V	343.0	-88.6
2793.000000	-40.19	-13.00	27.19	100.0	V	211.0	-87.3

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



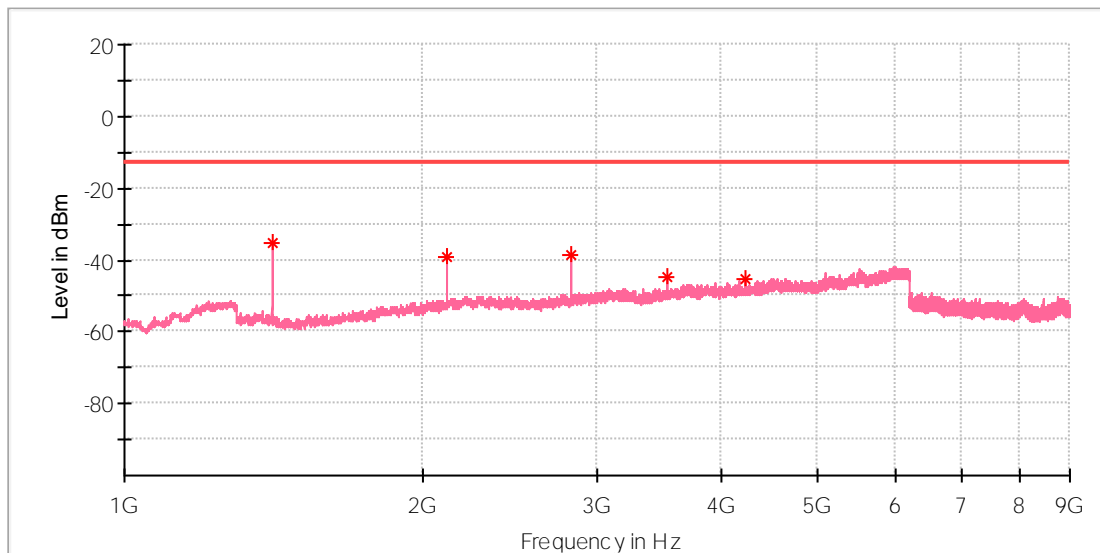
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.000000	-34.31	-13.00	21.31	100.0	H	141.0	-92.7
2114.500000	-39.00	-13.00	26.00	100.0	H	343.0	-88.8
2578.500000	-44.42	-13.00	31.42	100.0	H	99.0	-88.7
2819.500000	-43.82	-13.00	30.82	100.0	H	252.0	-87.4
3524.000000	-45.51	-13.00	32.51	100.0	H	30.0	-86.1

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

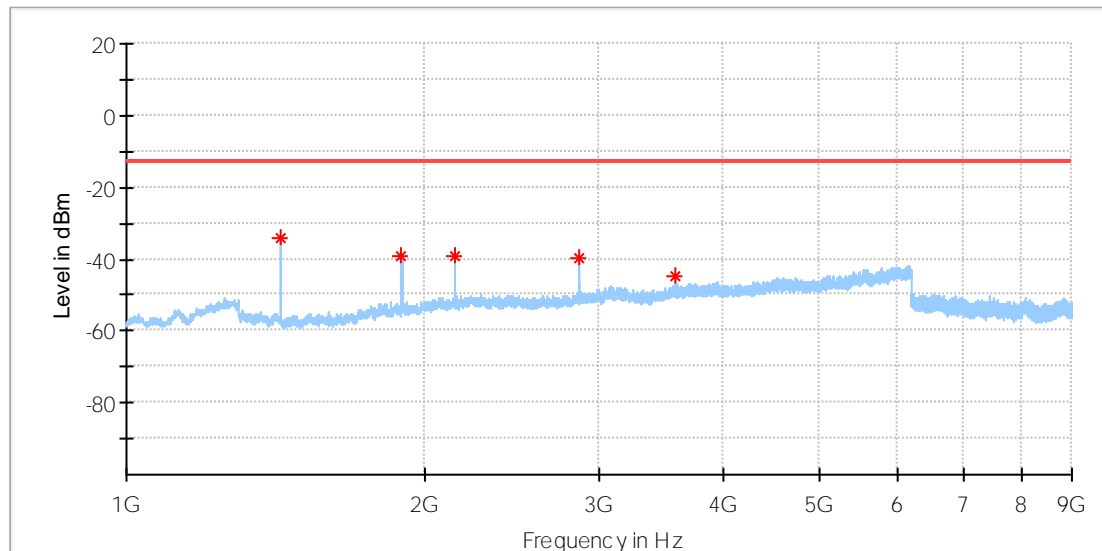
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.500000	-35.08	-13.00	22.08	100.0	V	316.0	-92.8
2114.500000	-39.06	-13.00	26.06	100.0	V	336.0	-88.4
2819.500000	-38.72	-13.00	25.72	100.0	V	4.0	-87.3
3524.000000	-44.61	-13.00	31.61	100.0	V	323.0	-86.2
4228.500000	-45.21	-13.00	32.21	100.0	V	72.0	-85.2

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



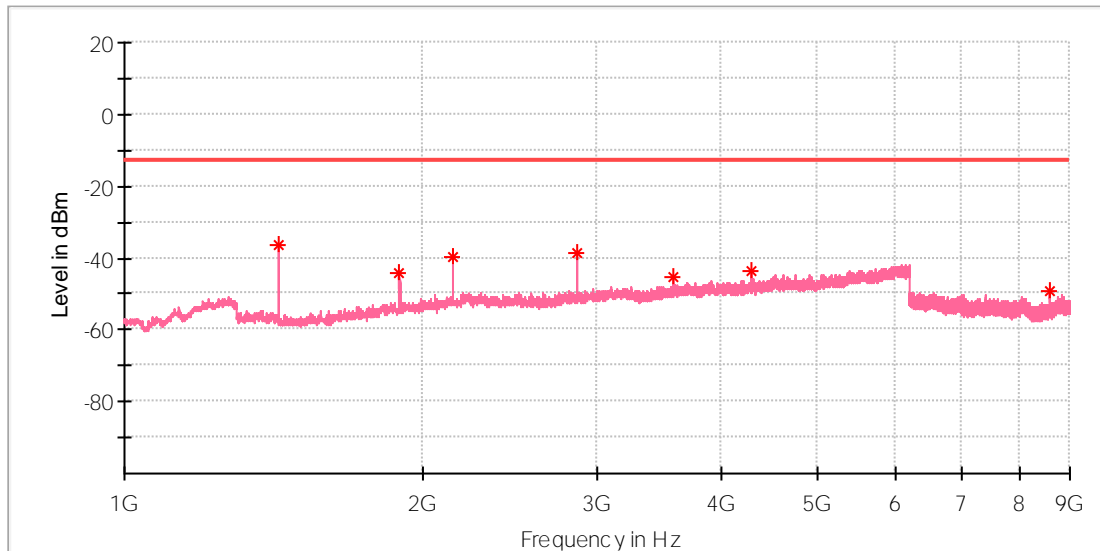
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.000000	-34.24	-13.00	21.25	100.0	H	129.0	-93.5
1896.500000	-38.90	-13.00	25.90	100.0	H	239.0	-90.2
2146.500000	-38.90	-13.00	25.90	100.0	H	295.0	-88.6
2863.000000	-39.94	-13.00	26.94	100.0	H	52.0	-87.0
3578.000000	-44.81	-13.00	31.81	100.0	H	24.0	-85.8

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

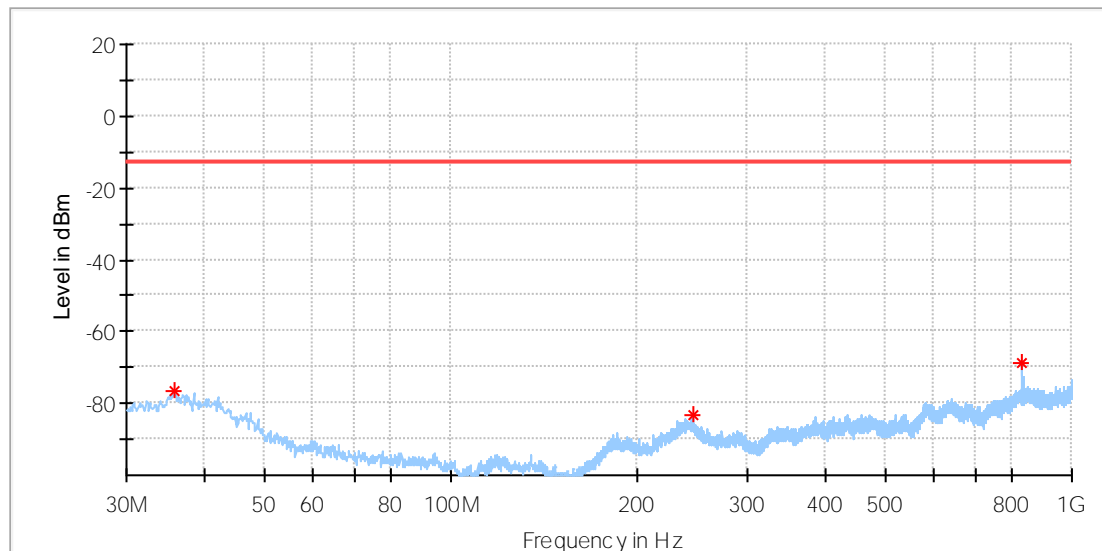
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-36.61	-13.00	23.61	100.0	V	331.0	-93.6
1895.000000	-44.27	-13.00	31.27	100.0	V	122.0	-90.3
2147.000000	-39.52	-13.00	26.52	100.0	V	289.0	-88.0
2862.500000	-38.83	-13.00	25.83	100.0	V	338.0	-86.9
3578.500000	-45.51	-13.00	32.51	100.0	V	122.0	-85.8
4294.500000	-43.43	-13.00	30.43	100.0	V	80.0	-85.0
8587.816667	-49.01	-13.00	36.01	100.0	V	41.0	-87.2

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

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

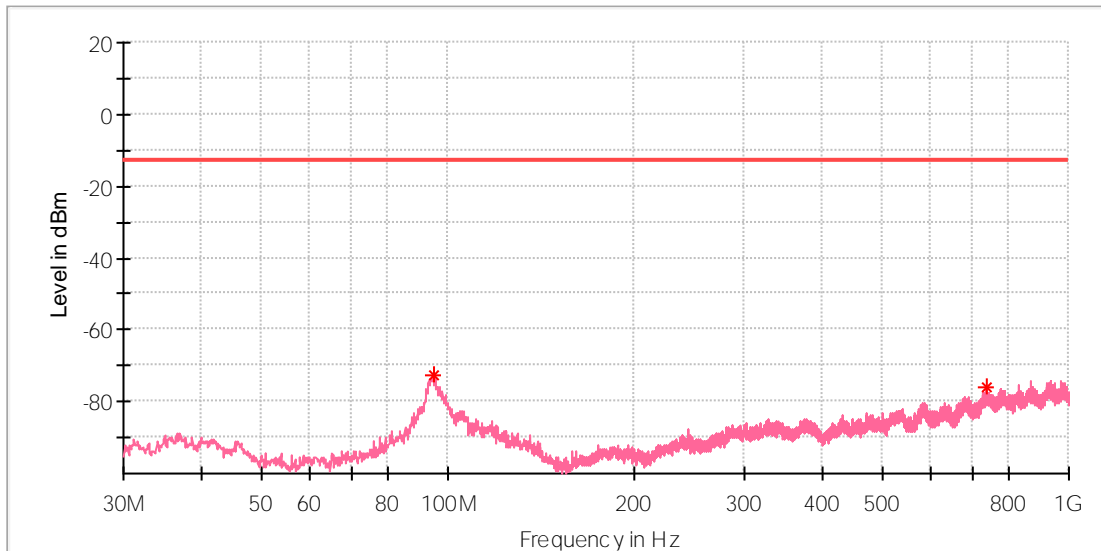


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.820000	-76.32	-13.00	63.32	100.0	H	220.0	-113.5
244.733750	-83.33	-13.00	70.33	100.0	H	171.0	-110.0
833.038750	-68.96	-13.00	55.96	100.0	H	0.0	-102.3

EUT Information

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

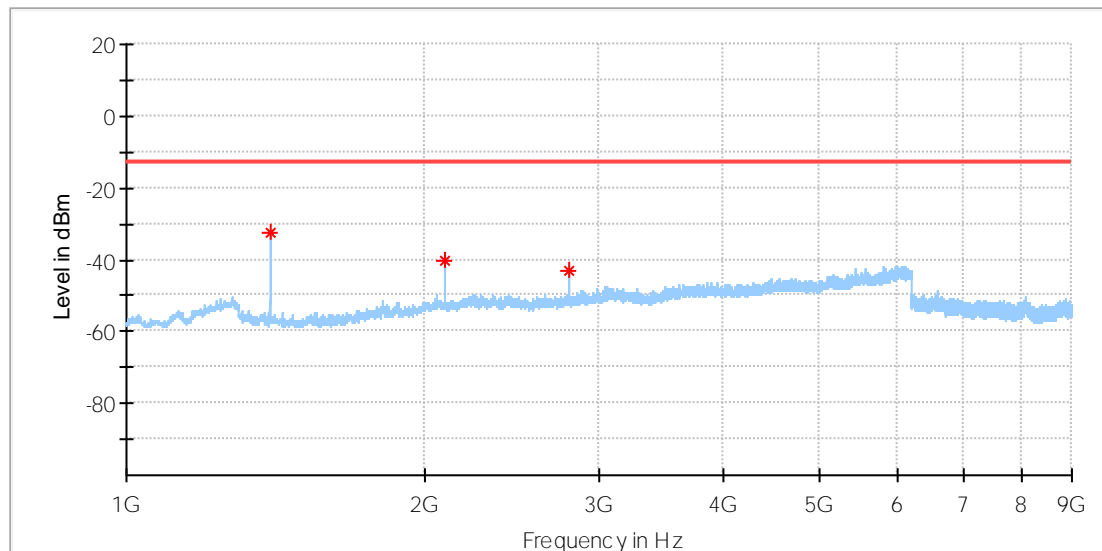
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.747500	-72.61	-13.00	59.61	100.0	V	116.0	-99.6
737.251250	-75.97	-13.00	62.97	100.0	V	239.0	-102.2

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



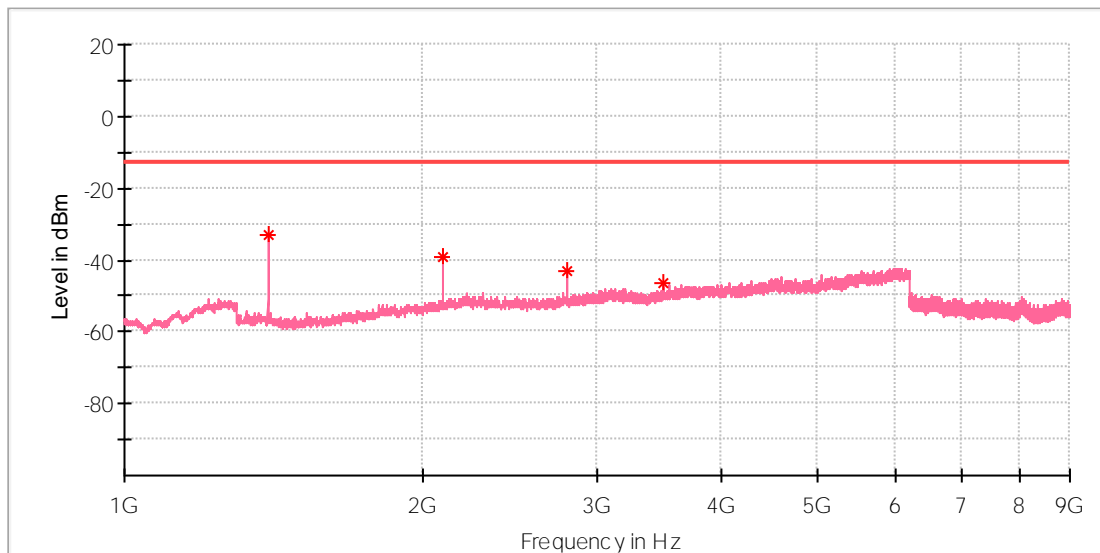
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.500000	-32.70	-13.00	19.70	100.0	H	119.0	-93.1
2094.500000	-40.02	-13.00	27.02	100.0	H	293.0	-88.7
2793.500000	-42.85	-13.00	29.85	100.0	H	43.0	-87.4

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

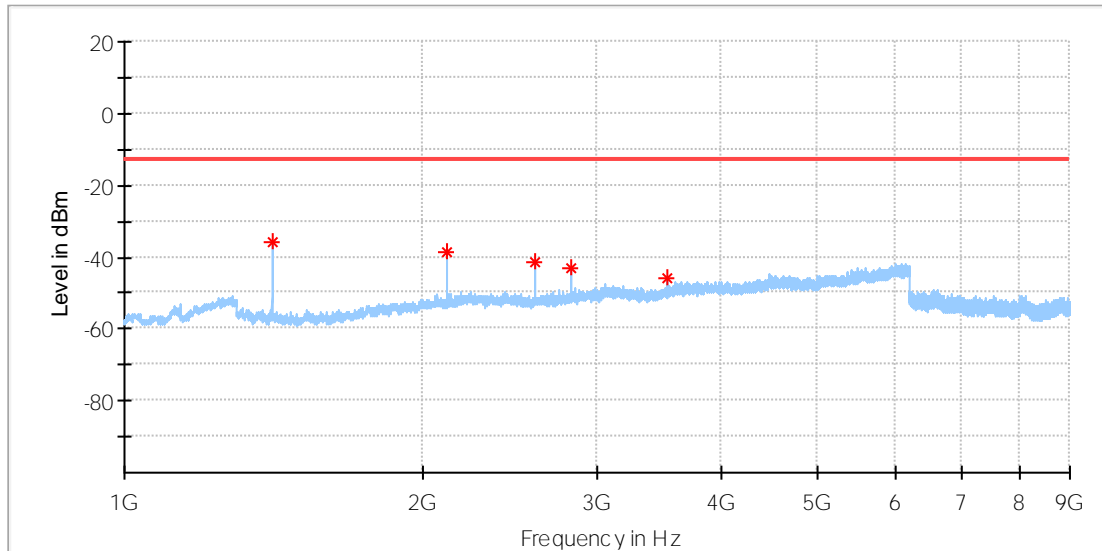
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.500000	-33.29	-13.00	20.29	100.0	V	331.0	-92.9
2095.000000	-39.28	-13.00	26.28	100.0	V	345.0	-88.6
2793.500000	-43.09	-13.00	30.09	100.0	V	108.0	-87.3
3503.500000	-46.35	-13.00	33.35	100.0	V	67.0	-86.5

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



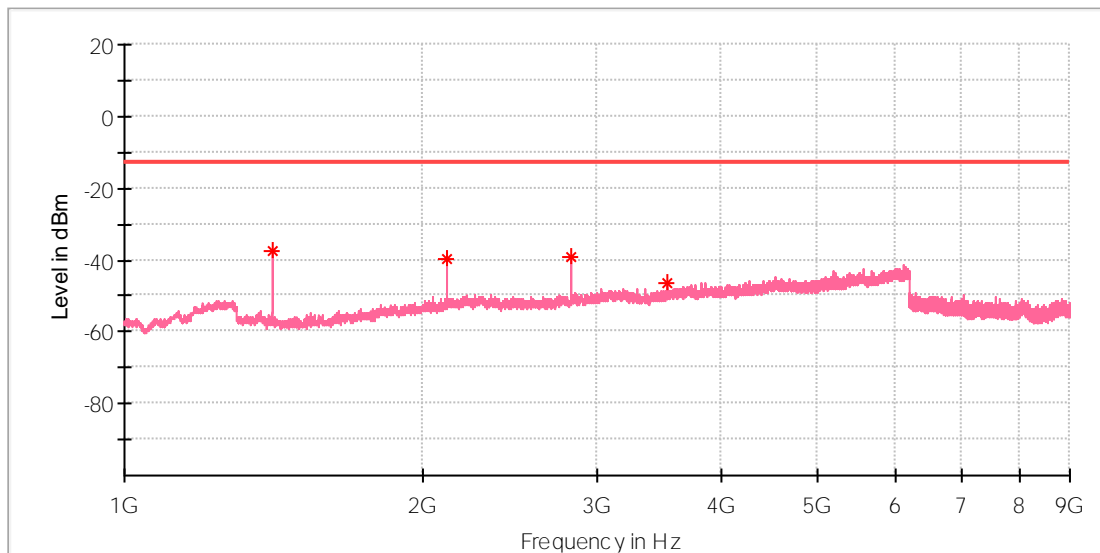
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.500000	-35.65	-13.00	22.65	100.0	H	136.0	-92.7
2114.500000	-38.57	-13.00	25.57	100.0	H	296.0	-88.8
2599.000000	-41.57	-13.00	28.57	100.0	H	150.0	-88.1
2819.000000	-43.01	-13.00	30.01	100.0	H	255.0	-87.4
3524.000000	-45.68	-13.00	32.68	100.0	H	46.0	-86.1

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

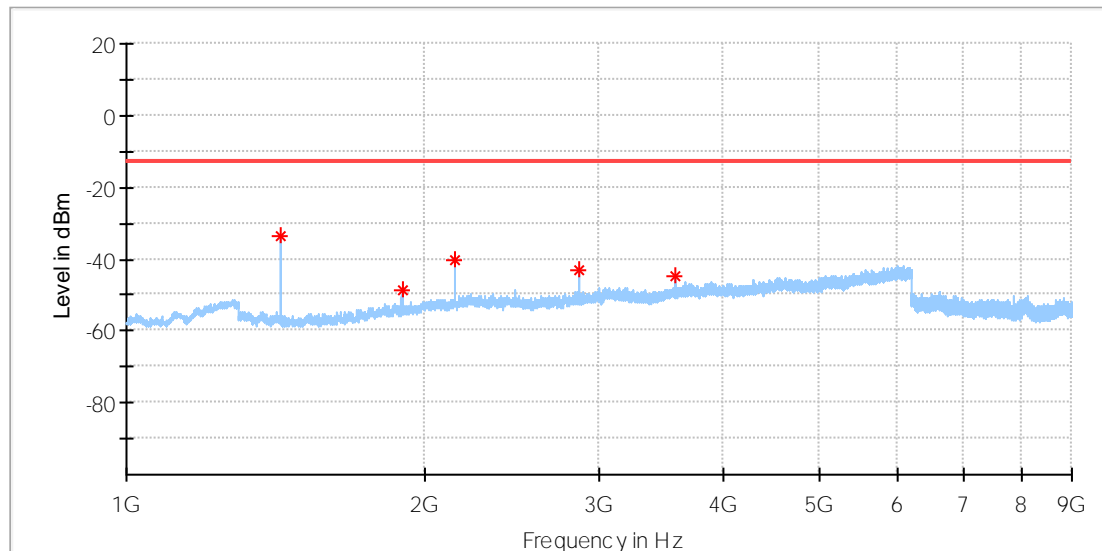
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1410.000000	-37.38	-13.00	24.38	100.0	V	288.0	-92.8
2114.500000	-39.55	-13.00	26.55	100.0	V	0.0	-88.4
2819.000000	-39.25	-13.00	26.25	100.0	V	4.0	-87.3
3524.500000	-46.30	-13.00	33.30	100.0	V	108.0	-86.2

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



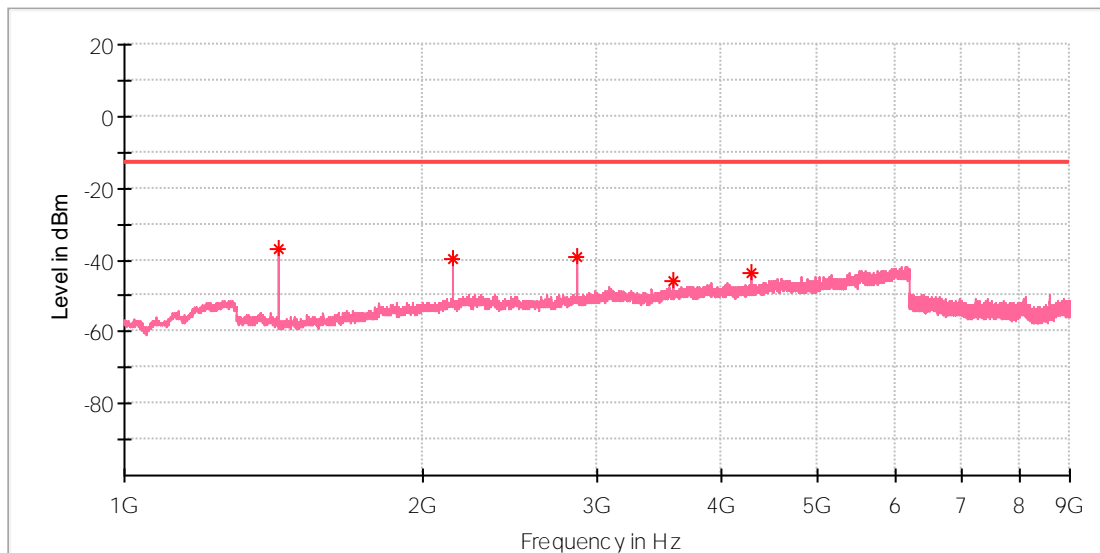
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.000000	-33.54	-13.00	20.54	100.0	H	121.0	-93.5
1897.500000	-48.77	-13.00	35.77	100.0	H	141.0	-90.2
2146.500000	-40.47	-13.00	27.47	100.0	H	252.0	-88.6
2862.500000	-42.80	-13.00	29.80	100.0	H	10.0	-87.0
3578.000000	-44.94	-13.00	31.94	100.0	H	23.0	-85.8

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-W1
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.000000	-36.99	-13.00	23.99	100.0	V	310.0	-93.6
2147.000000	-39.49	-13.00	26.49	100.0	V	282.0	-88.0
2862.500000	-39.04	-13.00	26.04	100.0	V	317.0	-86.9
3578.000000	-45.72	-13.00	32.72	100.0	V	115.0	-85.8
4294.500000	-43.63	-13.00	30.63	100.0	V	81.0	-85.0