

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

APPENDIX K: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION FOR eMTC OPERATION...1

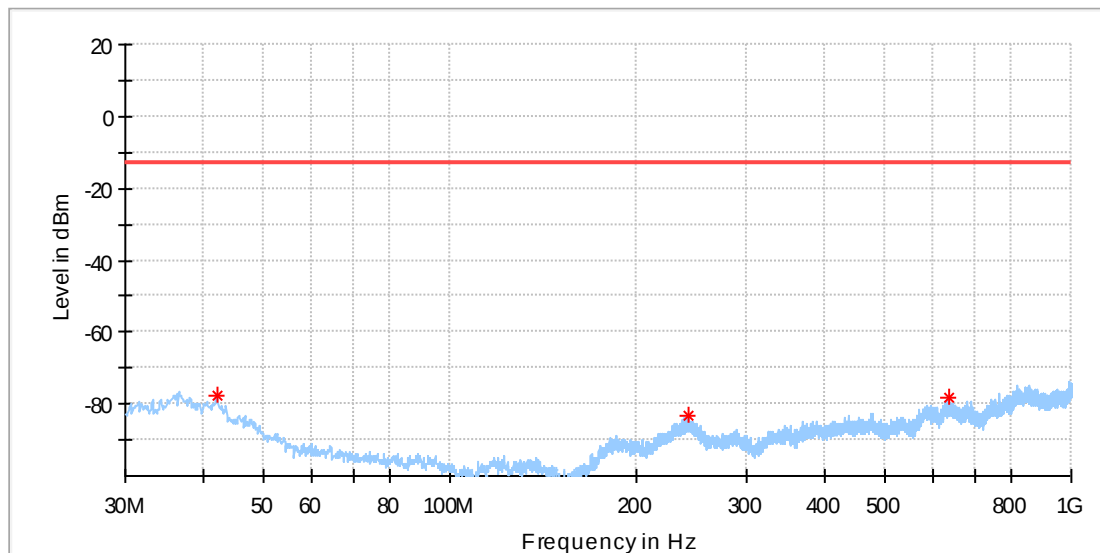
APPENDIX K.1: FIELD STRENGTH OF SPURIOUS RADIATION FOR BAND 2	2
Test Result of QPSK modulation.....	2
Test Result of 16QAM modulation.....	10
APPENDIX K.2: FIELD STRENGTH OF SPURIOUS RADIATION FOR BAND 4	18
Test Result of QPSK modulation.....	18
Test Result of 16QAM modulation.....	26
APPENDIX K.3: FIELD STRENGTH OF SPURIOUS RADIATION FOR BAND 5	34
Test Result of QPSK modulation.....	34
Test Result of 16QAM modulation.....	42
APPENDIX K.4: FIELD STRENGTH OF SPURIOUS RADIATION FOR BAND 12	50
Test Result of QPSK modulation.....	50
Test Result of 16QAM modulation.....	58
APPENDIX K.5: FIELD STRENGTH OF SPURIOUS RADIATION FOR BAND 13	66
Test Result of QPSK modulation.....	66
Test Result of 16QAM modulation.....	74
APPENDIX K.6: FIELD STRENGTH OF SPURIOUS RADIATION FOR BAND 25	82
Test Result of QPSK modulation.....	82
Test Result of 16QAM modulation.....	90
APPENDIX K.7: FIELD STRENGTH OF SPURIOUS RADIATION FOR BAND 26 LOWER BAND	98
Test Result of QPSK modulation.....	98
Test Result of 16QAM modulation.....	106
APPENDIX K.8: FIELD STRENGTH OF SPURIOUS RADIATION FOR BAND 26 UPPER BAND	114
Test Result of QPSK modulation.....	114
Test Result of 16QAM modulation.....	122
APPENDIX K.9: FIELD STRENGTH OF SPURIOUS RADIATION FOR BAND 66	130
Test Result of QPSK modulation.....	130
Test Result of 16QAM modulation.....	138
APPENDIX K.10: FIELD STRENGTH OF SPURIOUS RADIATION FOR BAND 85	146
Test Result of QPSK modulation.....	146
Test Result of 16QAM modulation.....	154

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-WW
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

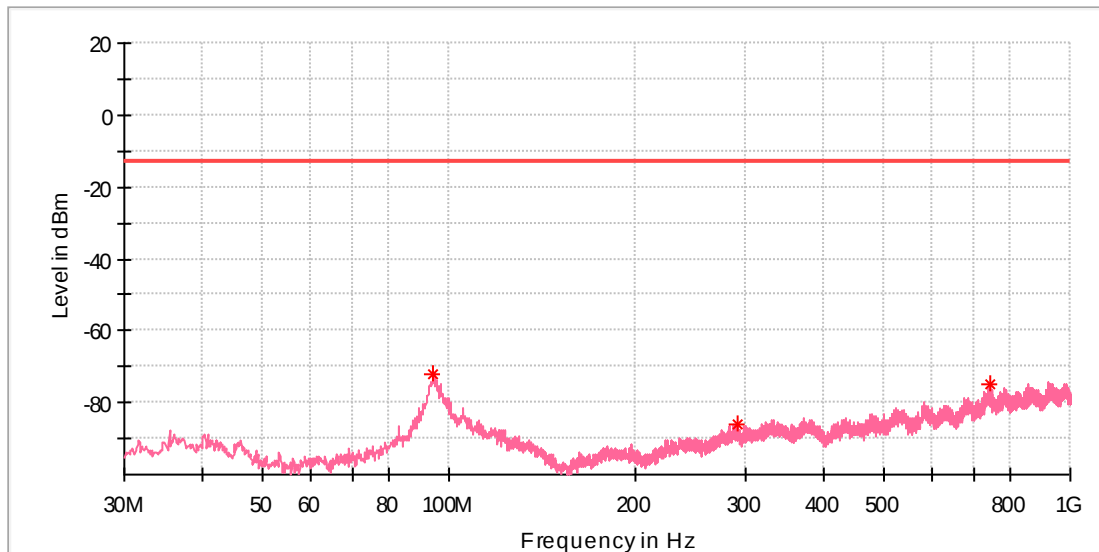


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.125000	-77.91	-13.00	64.91	100.0	H	359.0	-112.3
241.338750	-83.40	-13.00	70.40	100.0	H	66.0	-110.2
635.158750	-78.35	-13.00	65.35	100.0	H	179.0	-104.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

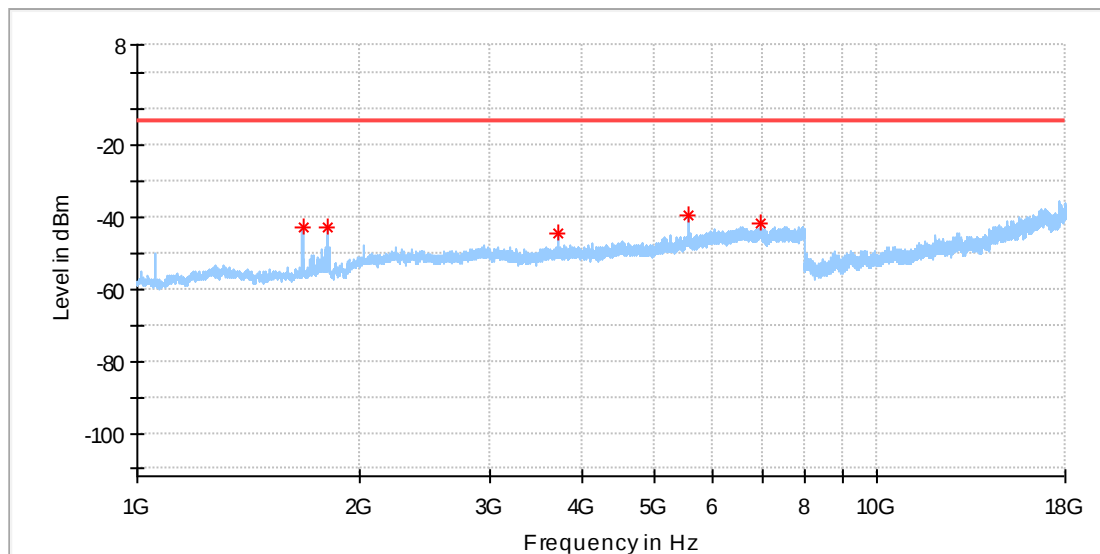
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.141250	-72.22	-13.00	59.22	100.0	V	45.0	-99.7
290.566250	-86.29	-13.00	73.29	100.0	V	247.0	-112.5
742.586250	-74.74	-13.00	61.74	100.0	V	86.0	-102.0

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

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

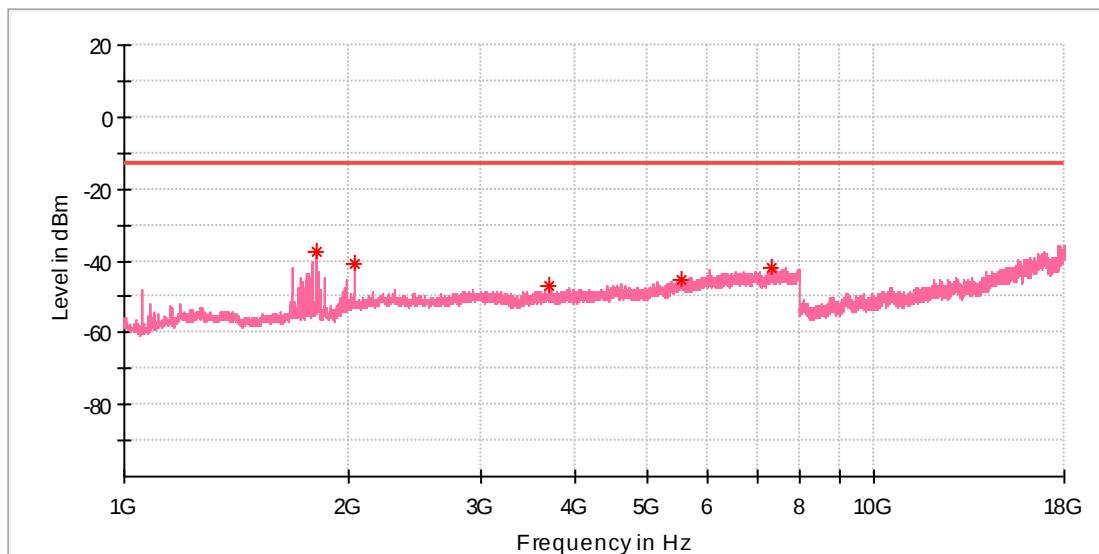


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1674.000000	-43.04	-13.00	30.04	100.0	H	274.0	-92.5
1811.500000	-42.93	-13.00	29.93	100.0	H	95.0	-90.2
3700.000000	-44.64	-13.00	31.64	100.0	H	316.0	-86.7
5550.500000	-39.17	-13.00	26.17	100.0	H	135.0	-83.2
6970.500000	-41.56	-13.00	28.56	100.0	H	288.0	-80.8

EUT Information

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



Critical_Freqs

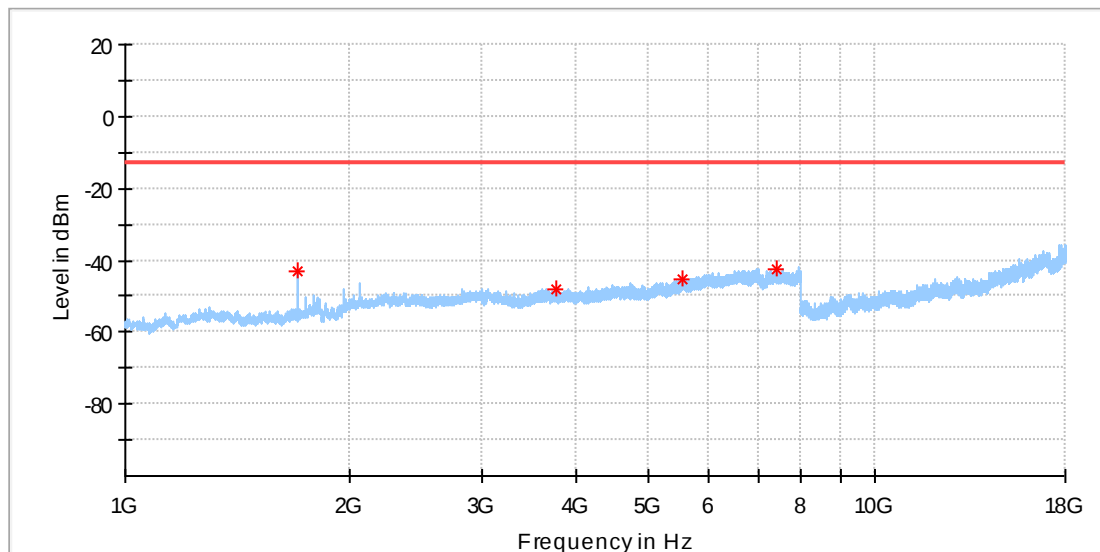
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1804.500000	-37.70	-13.00	24.70	100.0	V	172.0	-90.6
2026.500000	-40.95	-13.00	27.95	100.0	V	103.0	-88.7
3700.500000	-46.87	-13.00	33.87	100.0	V	0.0	-86.7
5559.500000	-45.34	-13.00	32.34	100.0	V	16.0	-83.2
7324.500000	-41.84	-13.00	28.84	100.0	V	280.0	-79.8

Produkte
Products

Mid Channel

EUT Information

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

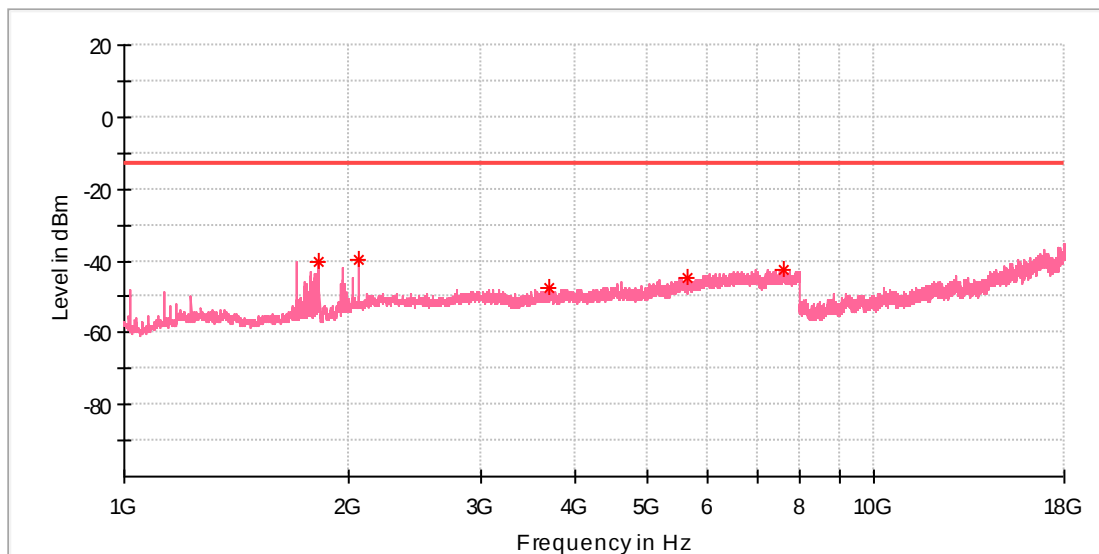


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1700.500000	-43.08	-13.00	30.08	100.0	H	271.0	-92.3
3770.000000	-48.02	-13.00	35.02	100.0	H	169.0	-86.6
5538.000000	-45.12	-13.00	32.12	100.0	H	79.0	-83.2
7402.500000	-42.62	-13.00	29.62	100.0	H	0.0	-79.7

EUT Information

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



Critical_Freqs

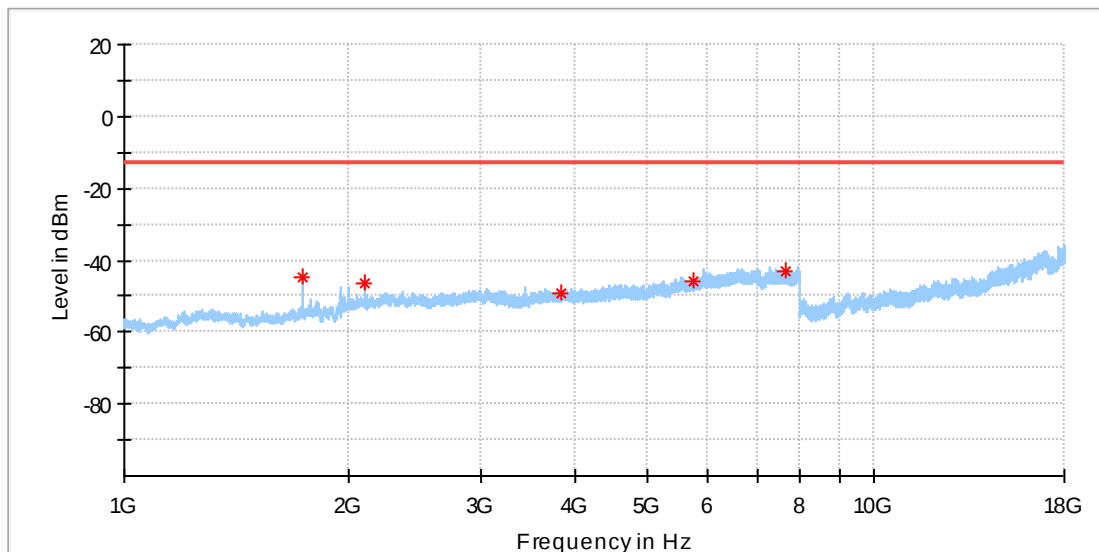
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1817.000000	-40.05	-13.00	27.05	100.0	V	277.0	-89.8
2058.500000	-39.70	-13.00	26.70	100.0	V	8.0	-89.0
3704.000000	-47.67	-13.00	34.67	100.0	V	273.0	-86.7
5664.000000	-44.98	-13.00	31.98	100.0	V	183.0	-83.7
7573.500000	-42.75	-13.00	29.75	100.0	V	51.0	-79.4

Produkte
Products

High Channel

EUT Information

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



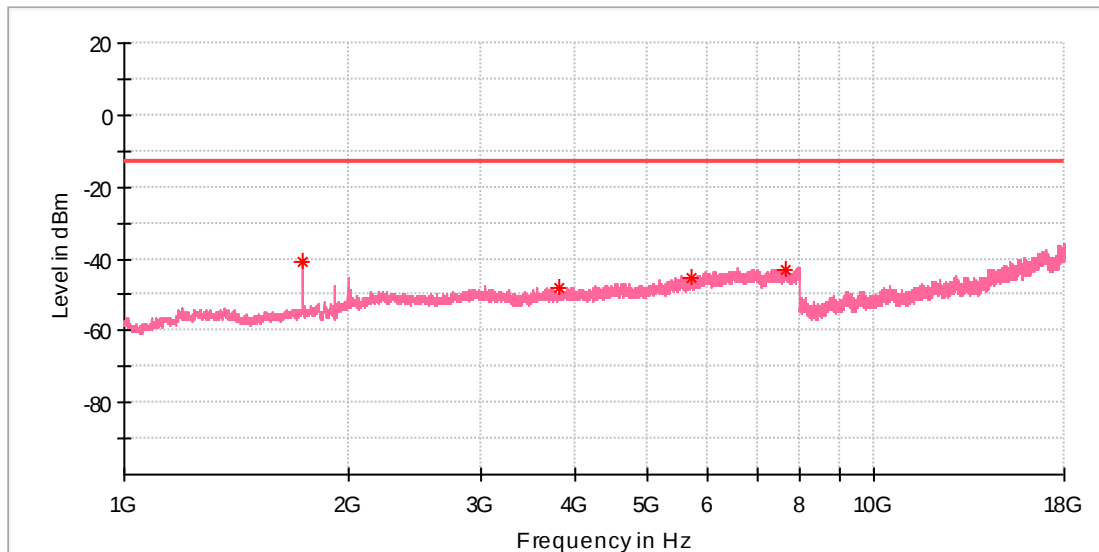
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1728.000000	-44.48	-13.00	31.48	100.0	H	203.0	-91.5
2092.000000	-46.64	-13.00	33.64	100.0	H	0.0	-88.7
3824.500000	-48.96	-13.00	35.96	100.0	H	280.0	-86.8
5743.500000	-46.09	-13.00	33.09	100.0	H	196.0	-83.5
7654.500000	-43.10	-13.00	30.10	100.0	H	169.0	-79.7

Produkte
Products

EUT Information

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



Critical_Freqs

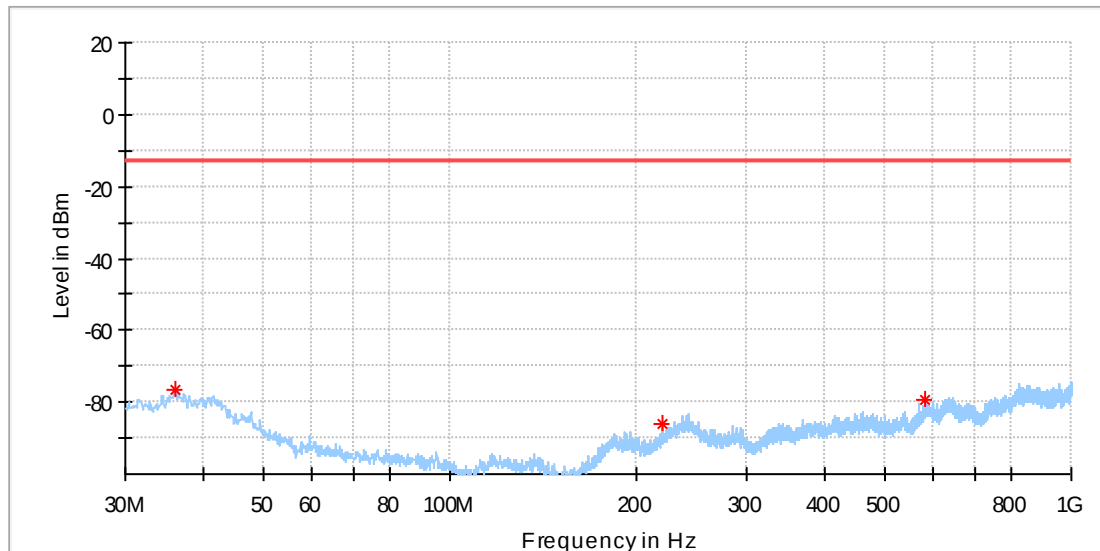
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1727.000000	-40.92	-13.00	27.92	100.0	V	0.0	-91.6
3817.000000	-47.97	-13.00	34.97	100.0	V	323.0	-87.0
5735.500000	-45.28	-13.00	32.28	100.0	V	5.0	-83.6
7624.500000	-43.30	-13.00	30.30	100.0	V	0.0	-79.4

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



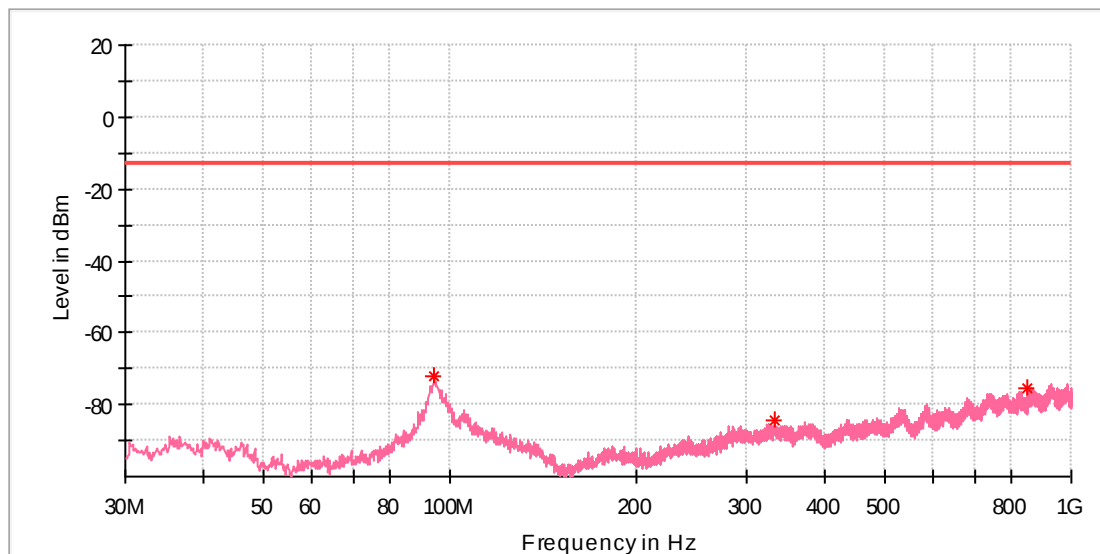
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.062500	-76.51	-13.00	63.51	100.0	H	193.0	-113.3
219.998750	-85.97	-13.00	72.97	100.0	H	63.0	-114.2
580.717500	-79.21	-13.00	66.21	100.0	H	312.0	-106.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

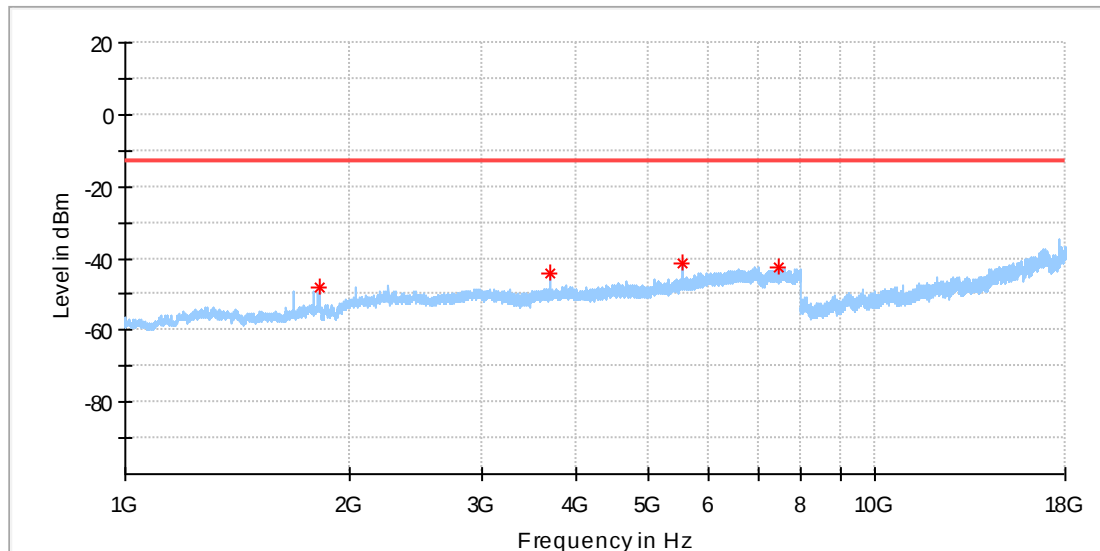
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.505000	-72.28	-13.00	59.28	100.0	V	114.0	-99.6
332.882500	-84.29	-13.00	71.29	100.0	V	19.0	-111.9
851.590000	-75.42	-13.00	62.42	100.0	V	83.0	-102.2

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

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

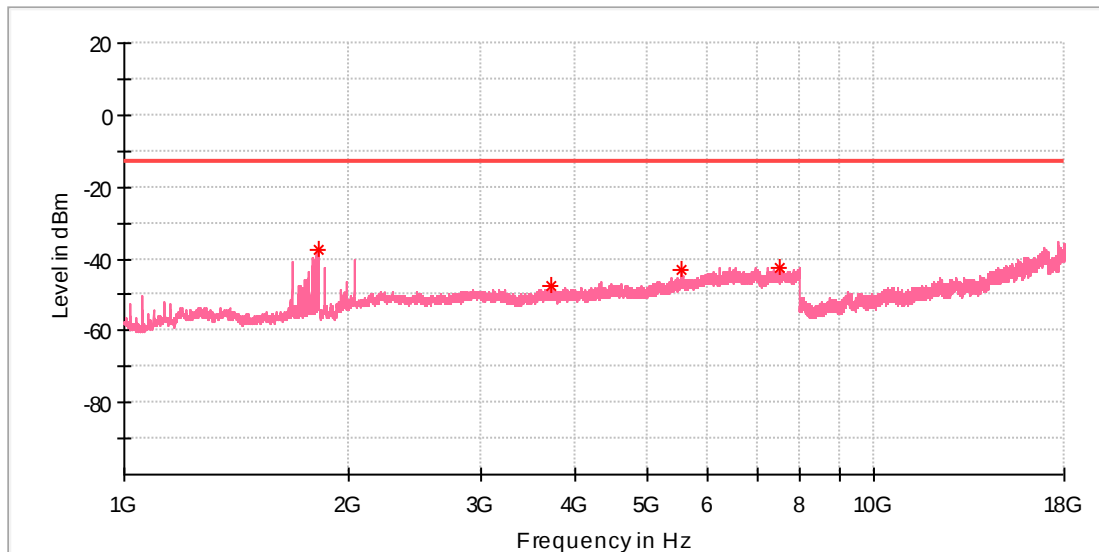


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1818.000000	-47.98	-13.00	34.98	100.0	H	0.0	-90.1
3700.500000	-44.46	-13.00	31.46	100.0	H	121.0	-86.7
5550.500000	-41.49	-13.00	28.49	100.0	H	65.0	-83.2
7479.000000	-42.48	-13.00	29.48	100.0	H	135.0	-79.4

EUT Information

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



Critical_Freqs

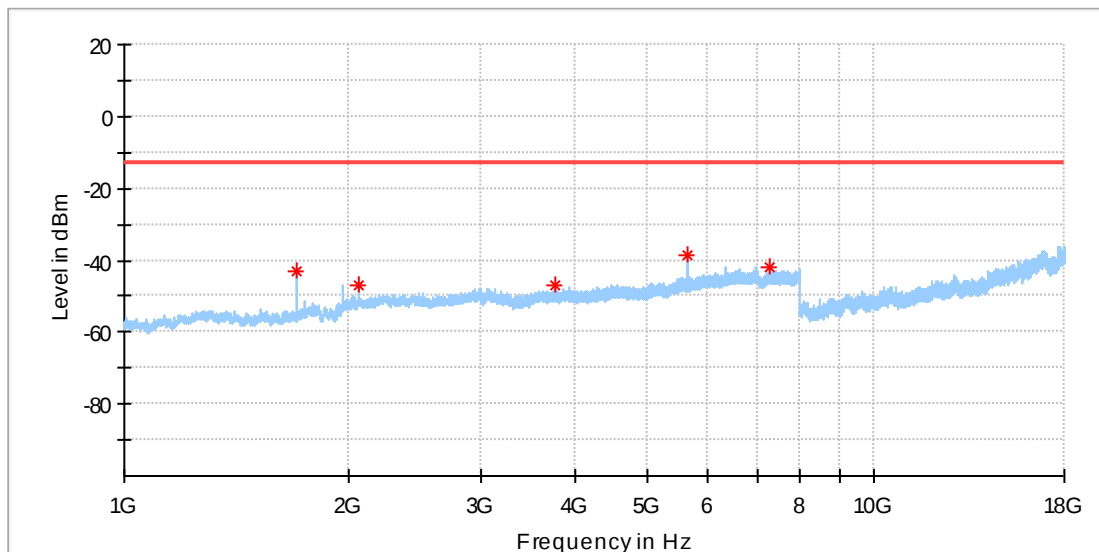
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1815.000000	-37.74	-13.00	24.74	100.0	V	0.0	-89.9
3726.500000	-47.62	-13.00	34.62	100.0	V	107.0	-86.7
5551.500000	-43.01	-13.00	30.01	100.0	V	10.0	-83.1
7511.000000	-42.56	-13.00	29.56	100.0	V	252.0	-79.5

Produkte
Products

Mid Channel

EUT Information

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

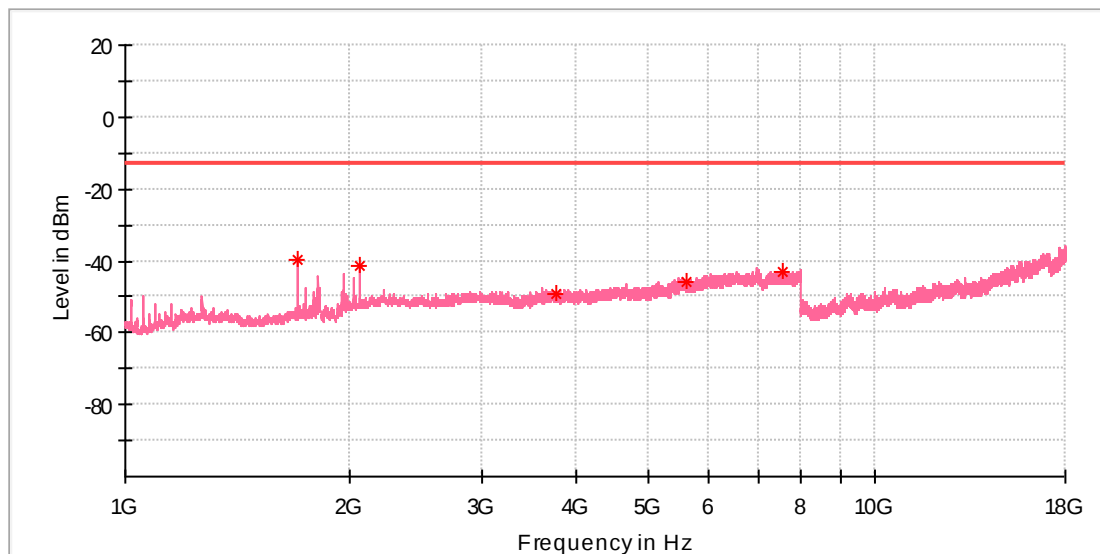


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1700.500000	-43.18	-13.00	30.18	100.0	H	206.0	-92.3
2058.000000	-47.04	-13.00	34.04	100.0	H	78.0	-88.4
3758.500000	-46.95	-13.00	33.95	100.0	H	63.0	-86.6
5638.500000	-38.36	-13.00	25.36	100.0	H	70.0	-83.8
7255.000000	-41.99	-13.00	28.99	100.0	H	320.0	-79.6

EUT Information

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



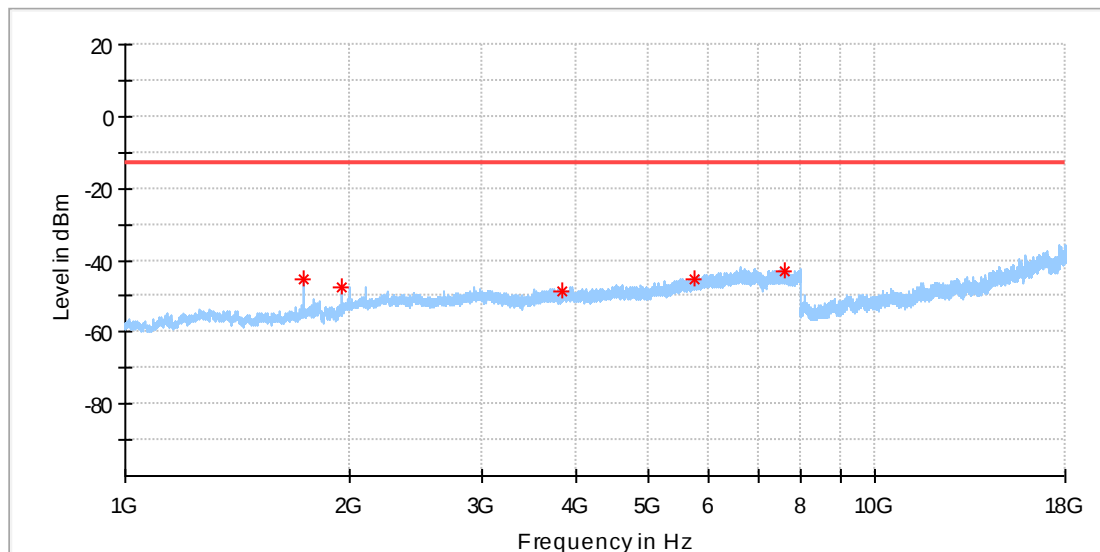
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1700.500000	-39.80	-13.00	26.80	100.0	V	174.0	-92.0
2058.500000	-41.38	-13.00	28.38	100.0	V	356.0	-89.0
3756.500000	-48.98	-13.00	35.98	100.0	V	176.0	-86.9
5629.500000	-46.03	-13.00	33.03	100.0	V	135.0	-83.8
7538.000000	-43.21	-13.00	30.21	100.0	V	204.0	-79.5

High Channel

EUT Information

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

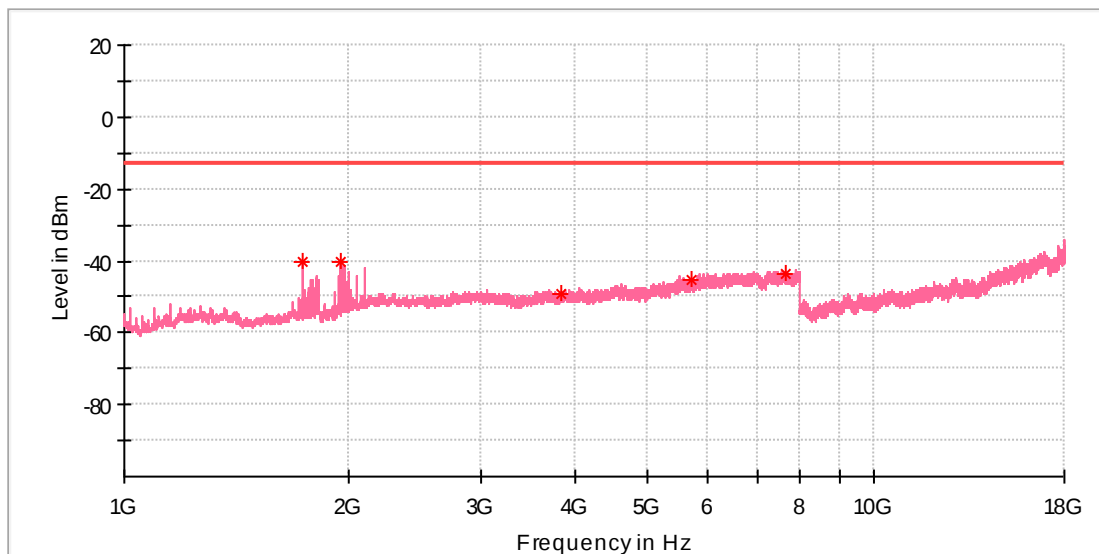


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1728.000000	-45.10	-13.00	32.10	100.0	H	273.0	-91.5
1944.000000	-47.28	-13.00	34.28	100.0	H	325.0	-89.9
3831.500000	-48.56	-13.00	35.56	100.0	H	253.0	-86.9
5744.000000	-45.24	-13.00	32.24	100.0	H	102.0	-83.5
7612.000000	-43.00	-13.00	30.00	100.0	H	158.0	-79.6

EUT Information

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



Critical_Freqs

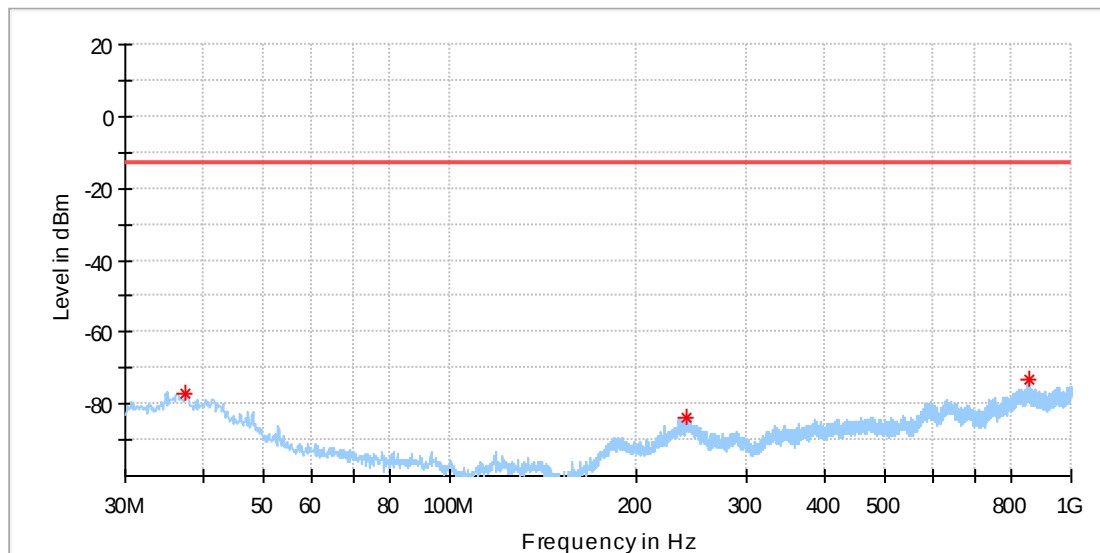
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1728.000000	-40.12	-13.00	27.12	100.0	V	172.0	-91.6
1944.000000	-40.05	-13.00	27.05	100.0	V	177.0	-89.6
3830.000000	-49.03	-13.00	36.03	100.0	V	31.0	-86.9
5726.500000	-45.57	-13.00	32.57	100.0	V	24.0	-83.6
7651.000000	-43.51	-13.00	30.51	100.0	V	87.0	-79.6

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-WW
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

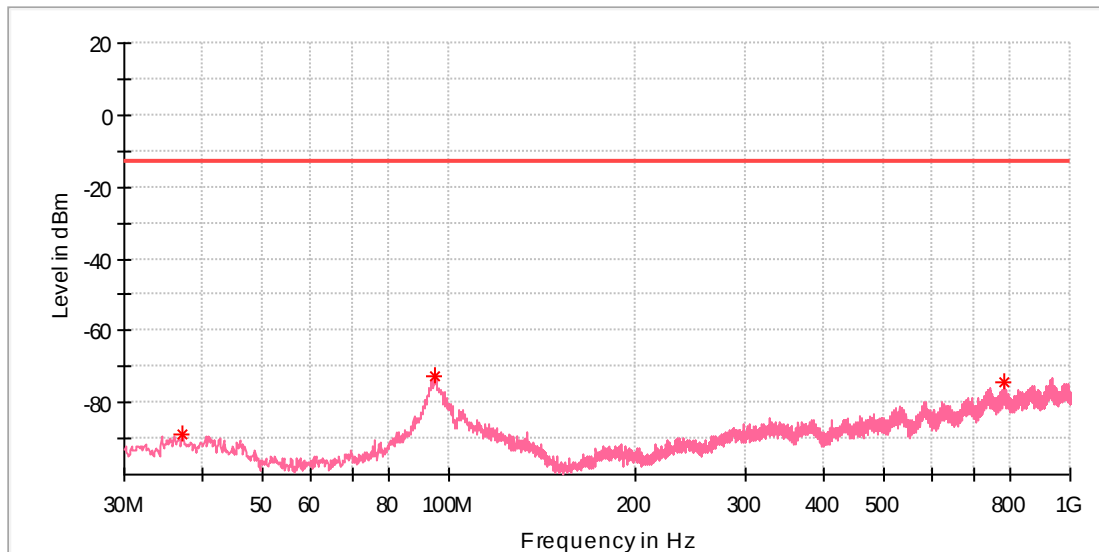


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.517500	-76.95	-13.00	63.95	100.0	H	205.0	-113.7
239.398750	-84.02	-13.00	71.02	100.0	H	196.0	-110.6
852.681250	-73.05	-13.00	60.05	100.0	H	37.0	-100.2

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

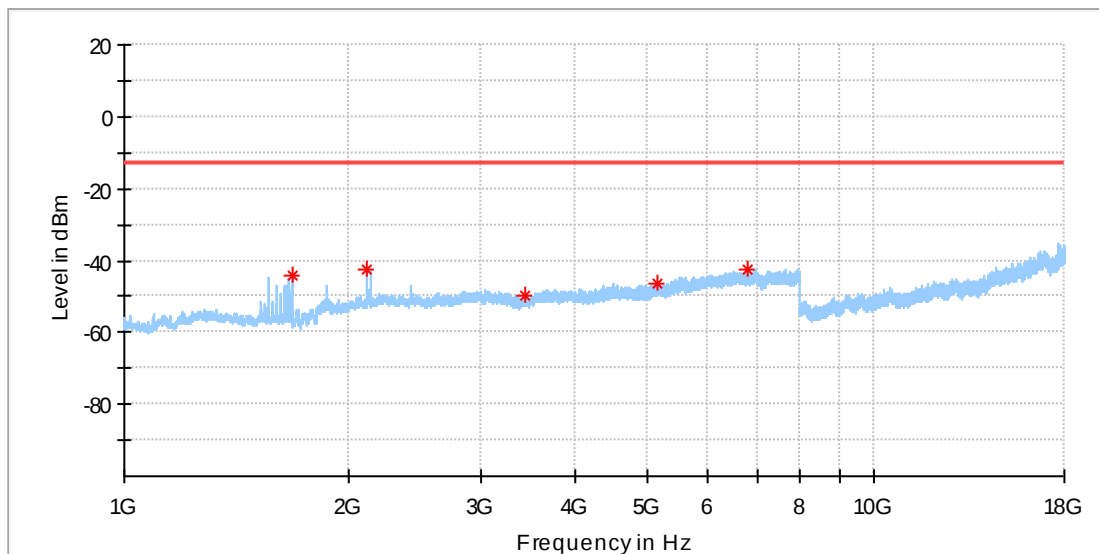
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.275000	-88.77	-13.00	75.77	100.0	V	181.0	-125.7
94.747500	-72.41	-13.00	59.41	100.0	V	0.0	-99.6
780.780000	-74.51	-13.00	61.51	100.0	V	33.0	-102.5

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

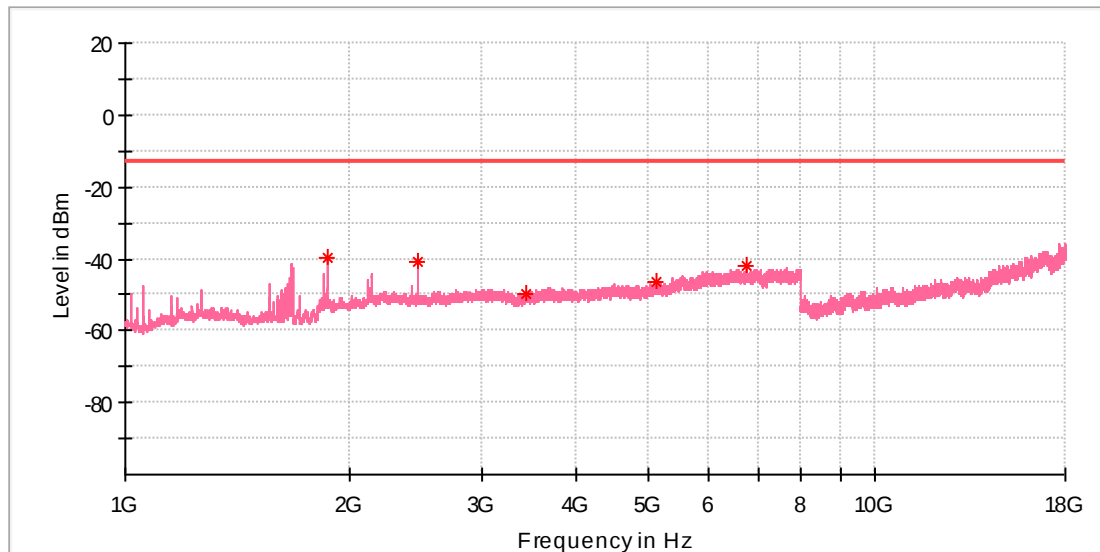


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1674.000000	-44.16	-13.00	31.16	100.0	H	264.0	-92.5
2111.000000	-42.59	-13.00	29.59	100.0	H	310.0	-89.0
3421.000000	-50.03	-13.00	37.03	100.0	H	217.0	-87.9
5152.000000	-46.66	-13.00	33.66	100.0	H	58.0	-84.7
6783.000000	-42.50	-13.00	29.50	100.0	H	79.0	-81.5

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



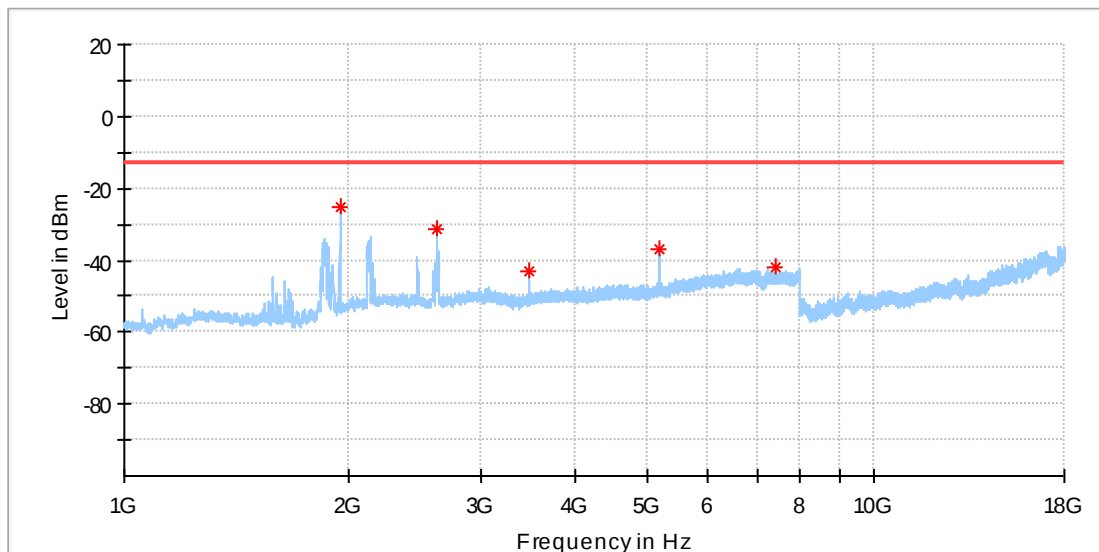
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1859.000000	-39.73	-13.00	26.73	100.0	V	339.0	-90.1
2461.500000	-40.97	-13.00	27.97	100.0	V	190.0	-88.1
3425.000000	-49.61	-13.00	36.61	100.0	V	157.0	-87.6
5130.500000	-46.29	-13.00	33.29	100.0	V	358.0	-84.9
6760.500000	-42.06	-13.00	29.06	100.0	V	233.0	-81.7

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

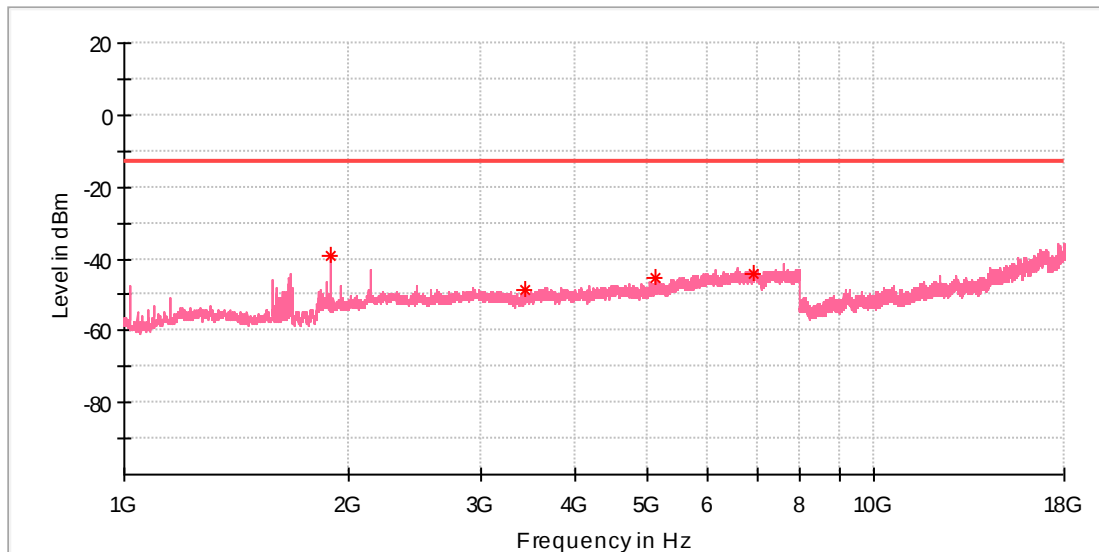


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1943.500000	-25.13	-13.00	12.13	100.0	H	16.0	-89.9
2616.000000	-31.21	-13.00	18.21	100.0	H	11.0	-88.1
3464.000000	-43.12	-13.00	30.12	100.0	H	150.0	-88.1
5196.000000	-37.01	-13.00	24.01	100.0	H	331.0	-84.8
7405.000000	-42.20	-13.00	29.20	100.0	H	0.0	-79.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



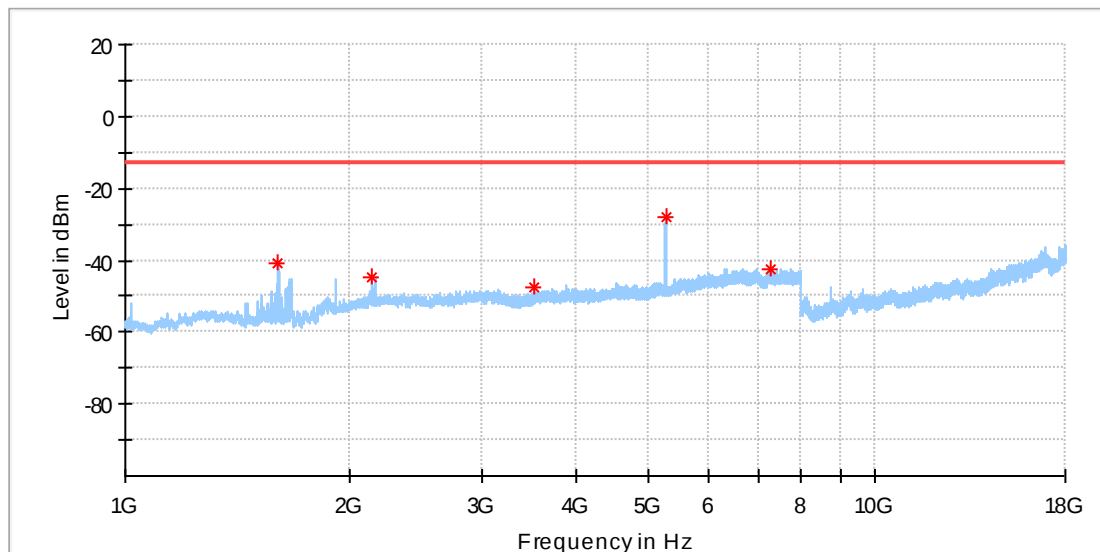
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1882.500000	-39.13	-13.00	26.13	100.0	V	0.0	-90.2
3437.000000	-48.46	-13.00	35.46	100.0	V	10.0	-87.4
5125.000000	-45.49	-13.00	32.49	100.0	V	301.0	-84.9
6929.000000	-43.98	-13.00	30.98	100.0	V	196.0	-81.2

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

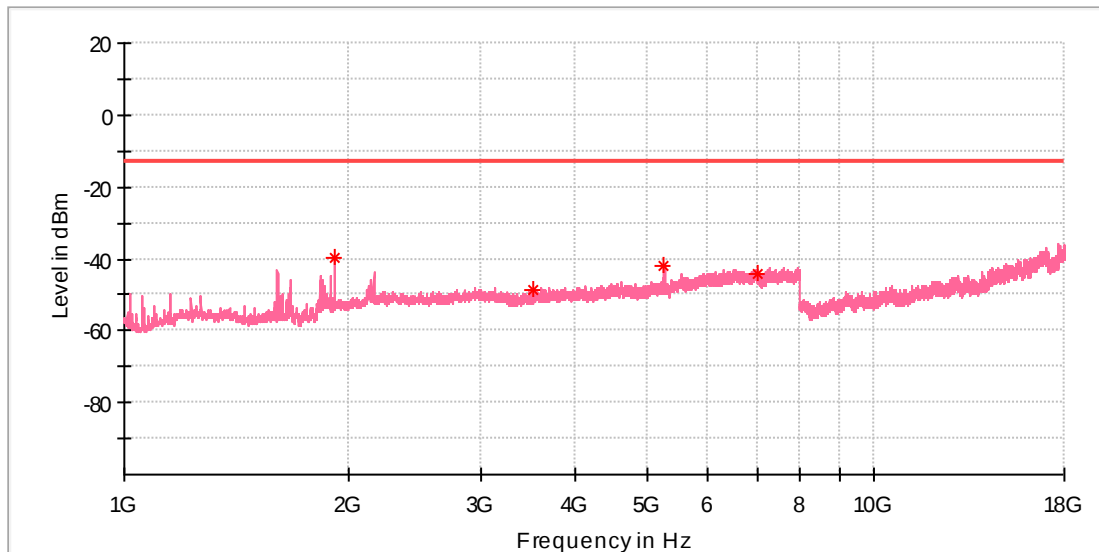


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1602.000000	-40.73	-13.00	27.73	100.0	H	82.0	-92.8
2132.500000	-44.63	-13.00	31.63	100.0	H	263.0	-88.2
3509.500000	-47.64	-13.00	34.64	100.0	H	41.0	-87.3
5264.500000	-27.90	-13.00	14.90	100.0	H	110.0	-85.0
7254.000000	-42.59	-13.00	29.59	100.0	H	83.0	-79.6

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

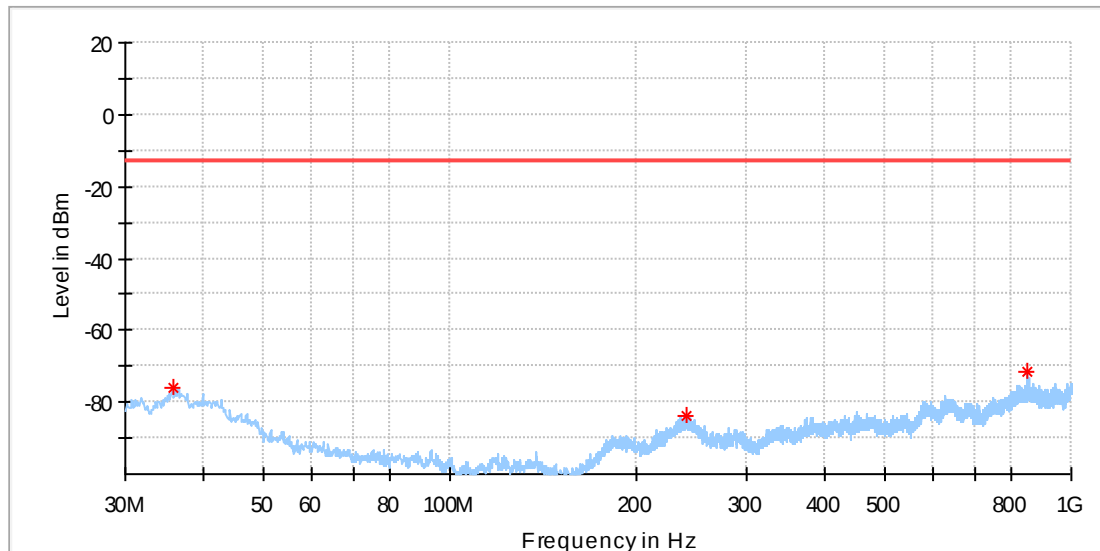
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1907.000000	-39.75	-13.00	26.75	100.0	V	187.0	-90.0
3508.500000	-48.85	-13.00	35.85	100.0	V	142.0	-87.5
5263.500000	-42.01	-13.00	29.01	100.0	V	128.0	-85.1
7024.500000	-44.34	-13.00	31.34	100.0	V	246.0	-80.5

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

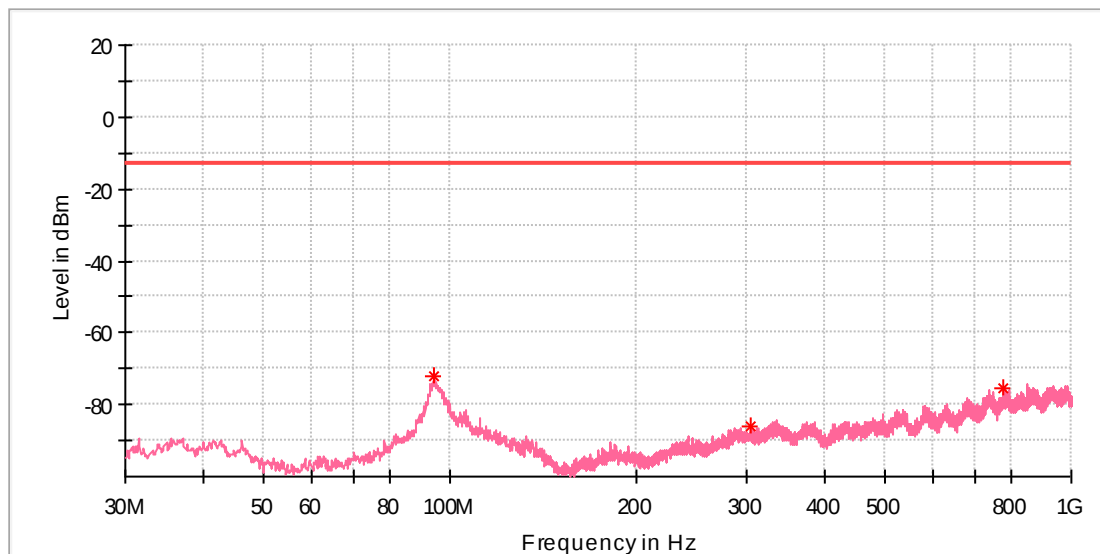


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.820000	-76.15	-13.00	63.15	100.0	H	236.0	-113.5
239.762500	-84.00	-13.00	71.00	100.0	H	267.0	-110.5
851.590000	-71.52	-13.00	58.52	100.0	H	358.0	-100.2

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

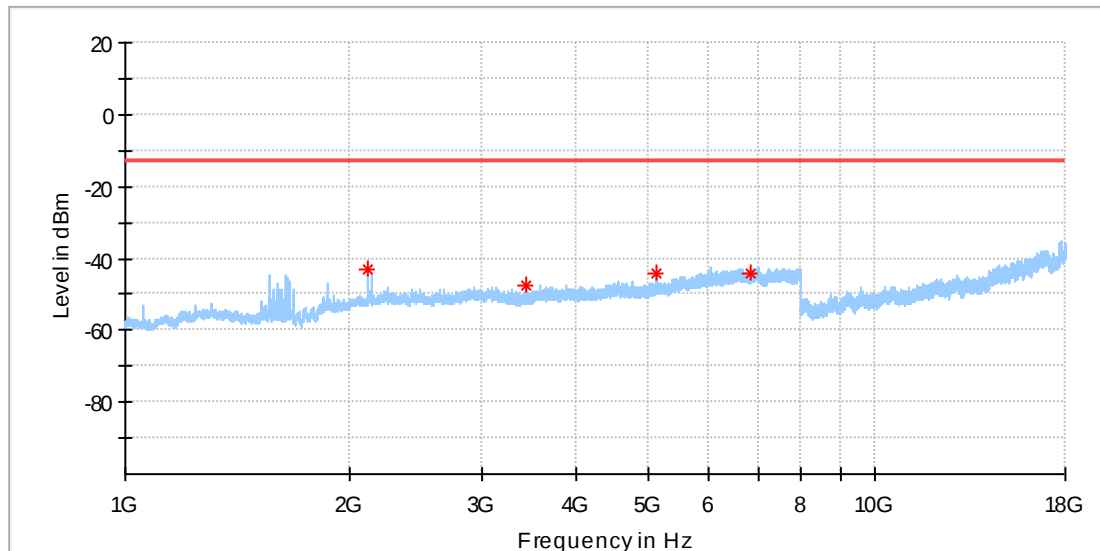
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.505000	-72.26	-13.00	59.26	100.0	V	6.0	-99.6
304.510000	-86.01	-13.00	73.01	100.0	V	298.0	-111.0
779.325000	-75.27	-13.00	62.27	100.0	V	94.0	-102.5

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

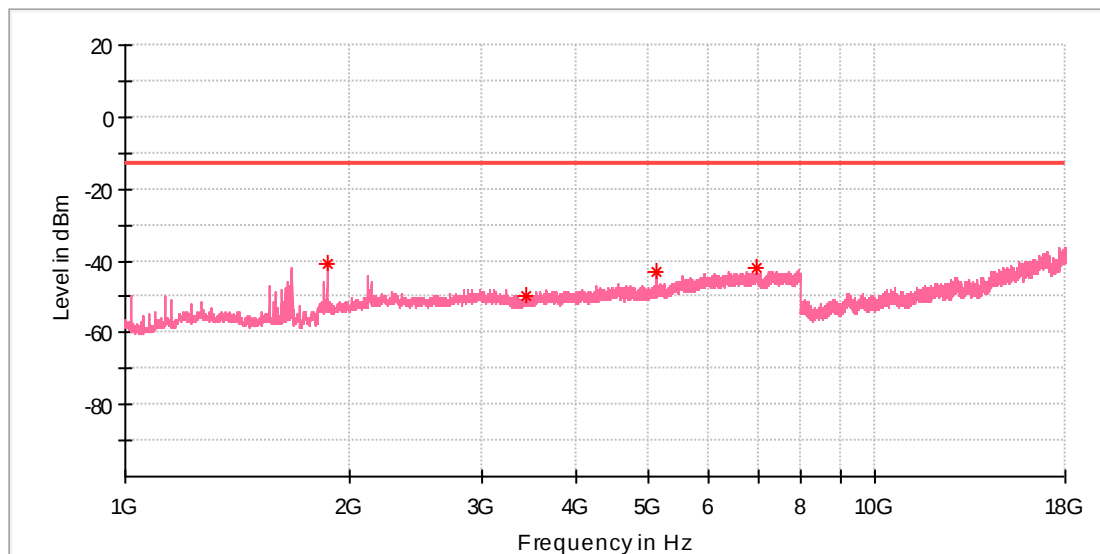


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

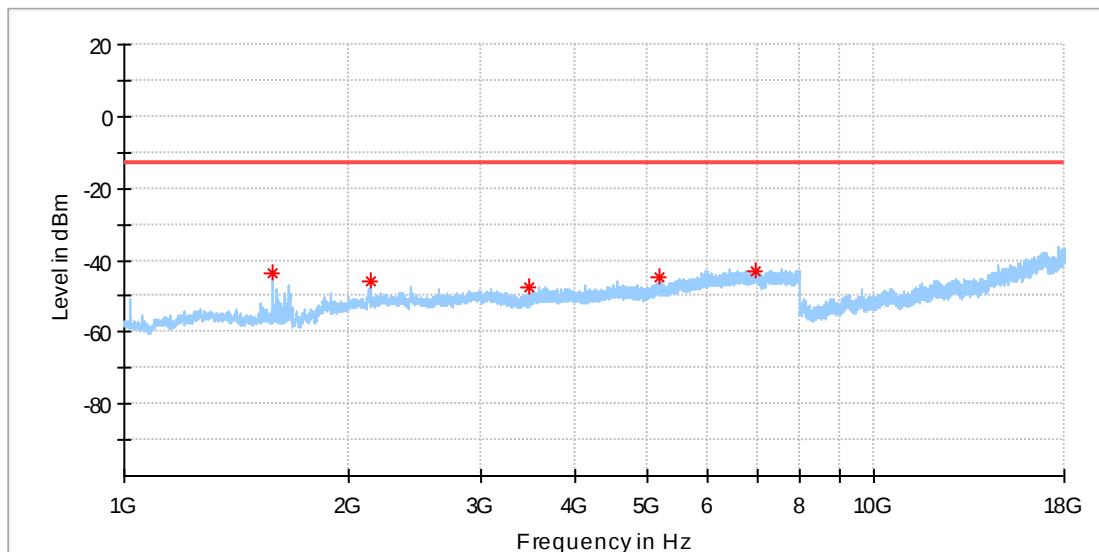
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1859.000000	-40.77	-13.00	27.77	100.0	V	0.0	-90.1
3422.500000	-49.89	-13.00	36.89	100.0	V	10.0	-87.6
5131.000000	-42.89	-13.00	29.89	100.0	V	2.0	-84.9
6965.500000	-42.08	-13.00	29.08	100.0	V	0.0	-80.9

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

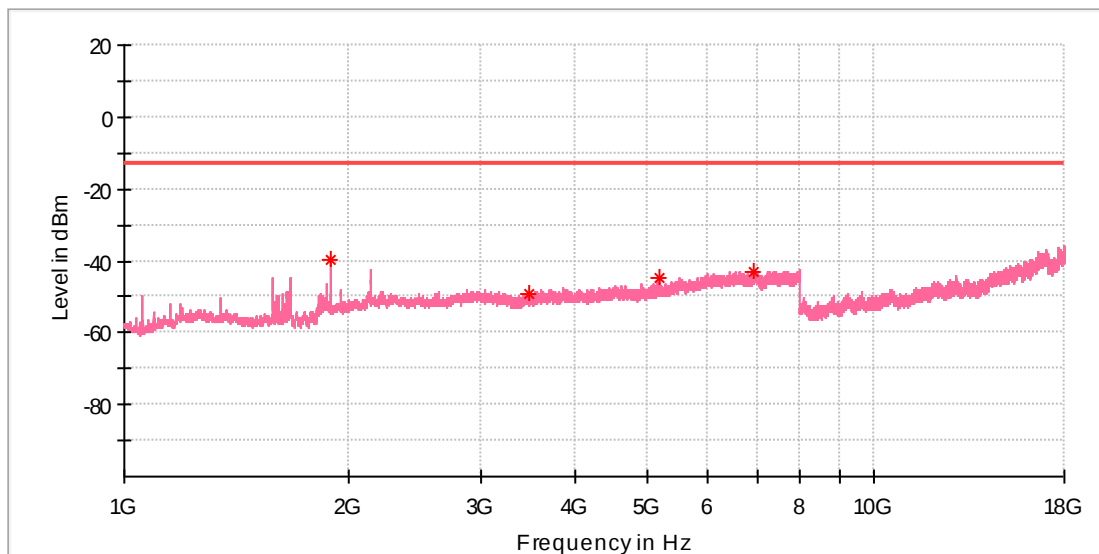


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

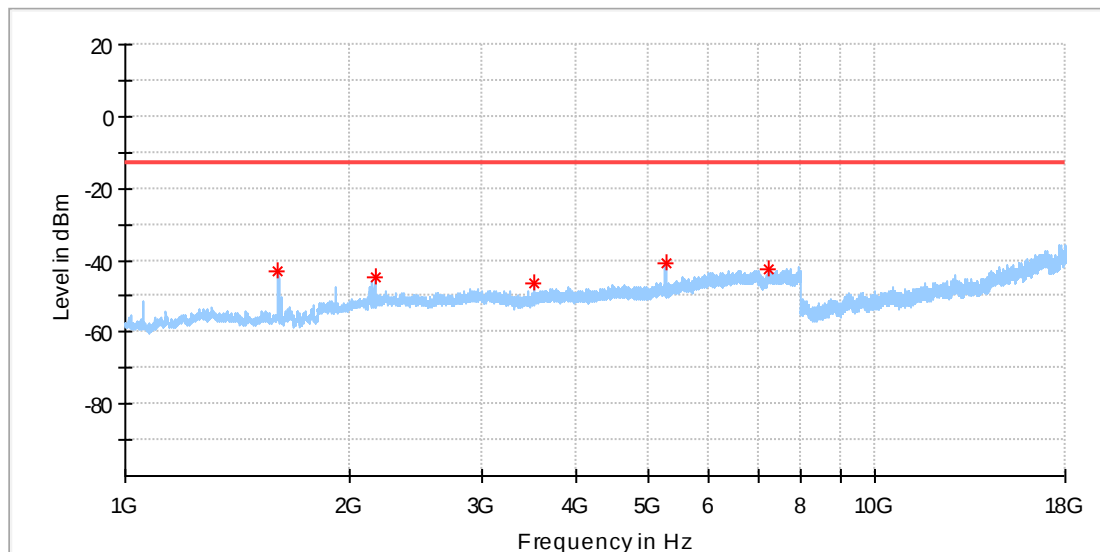
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1882.500000	-39.57	-13.00	26.57	100.0	V	19.0	-90.2
3478.500000	-49.25	-13.00	36.25	100.0	V	205.0	-87.8
5196.000000	-44.75	-13.00	31.75	100.0	V	87.0	-84.8
6921.000000	-42.95	-13.00	29.95	100.0	V	157.0	-81.2

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

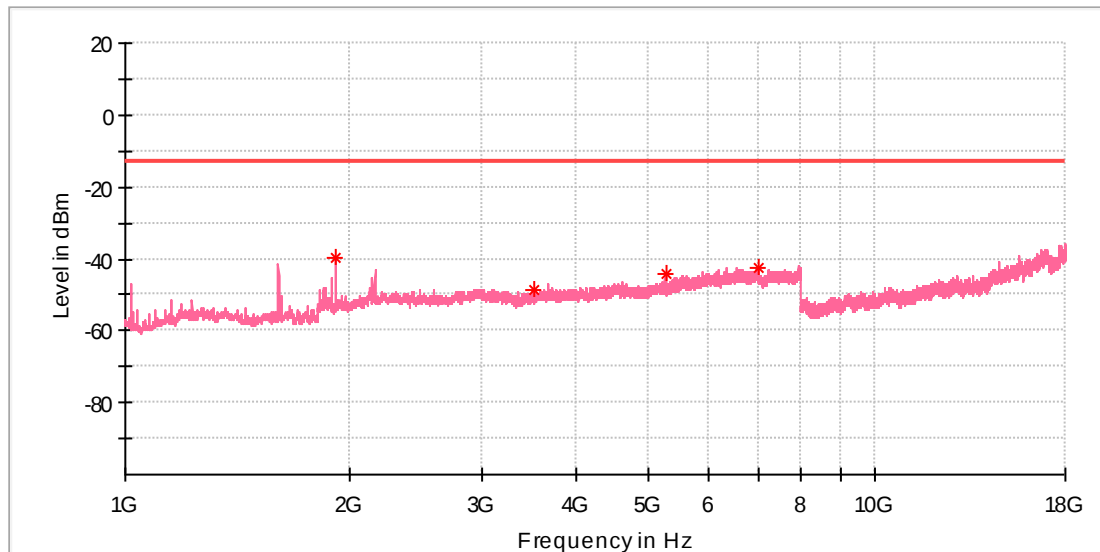


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

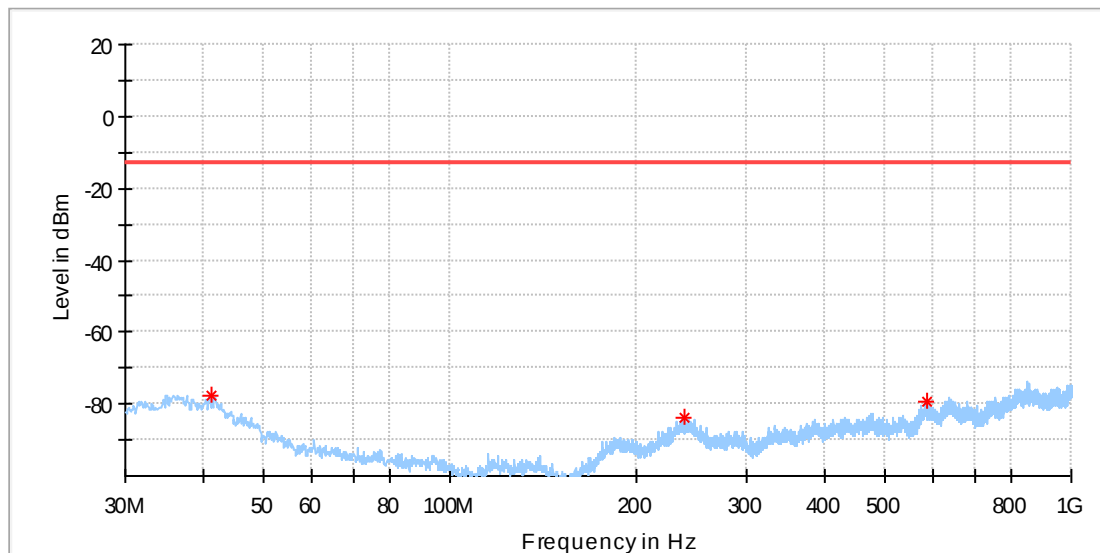
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1907.500000	-39.50	-13.00	26.50	100.0	V	264.0	-90.0
3524.000000	-48.74	-13.00	35.74	100.0	V	0.0	-87.3
5264.000000	-44.22	-13.00	31.22	100.0	V	1.0	-85.1
6990.000000	-42.52	-13.00	29.52	100.0	V	43.0	-80.8

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

Test Result of QPSK modulation
Below 1 GHz

EUT Information

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

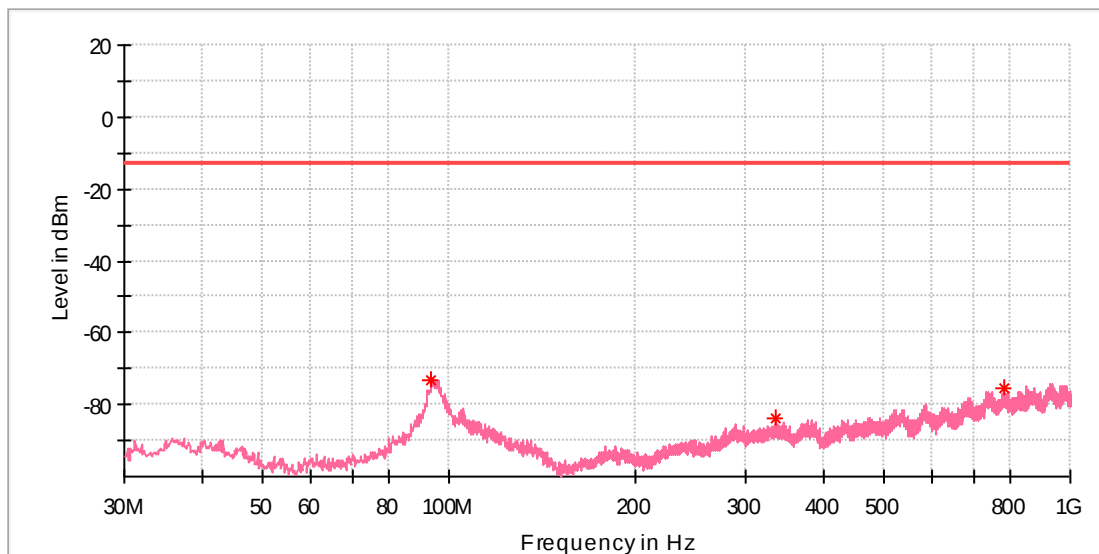


Critical_Freqs

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

EUT Information

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



Critical_Freqs

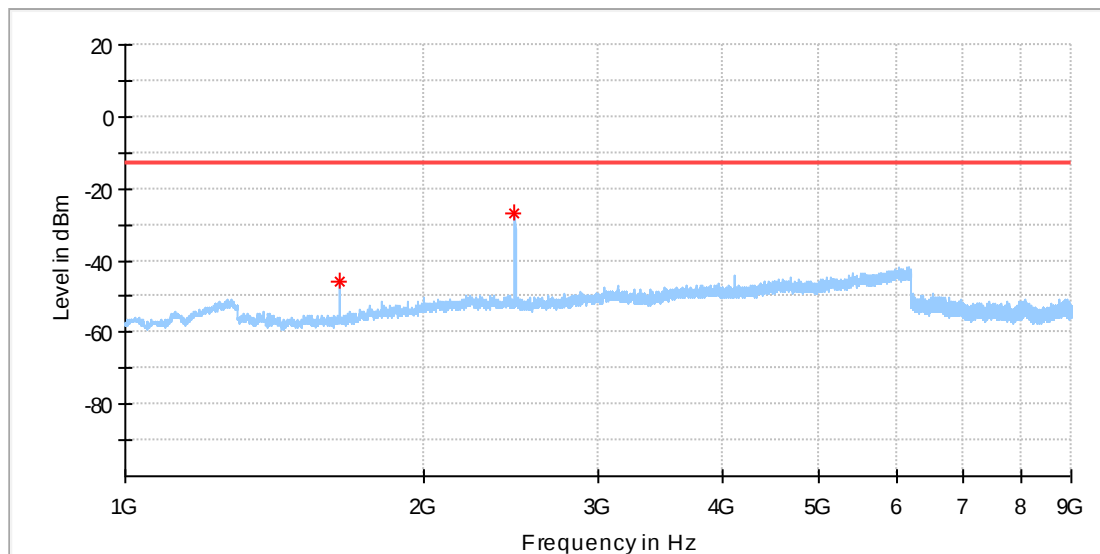
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.413750	-73.16	-13.00	60.16	100.0	V	13.0	-101.0
336.035000	-83.71	-13.00	70.71	100.0	V	287.0	-111.6
779.688750	-75.41	-13.00	62.41	100.0	V	296.0	-102.5

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

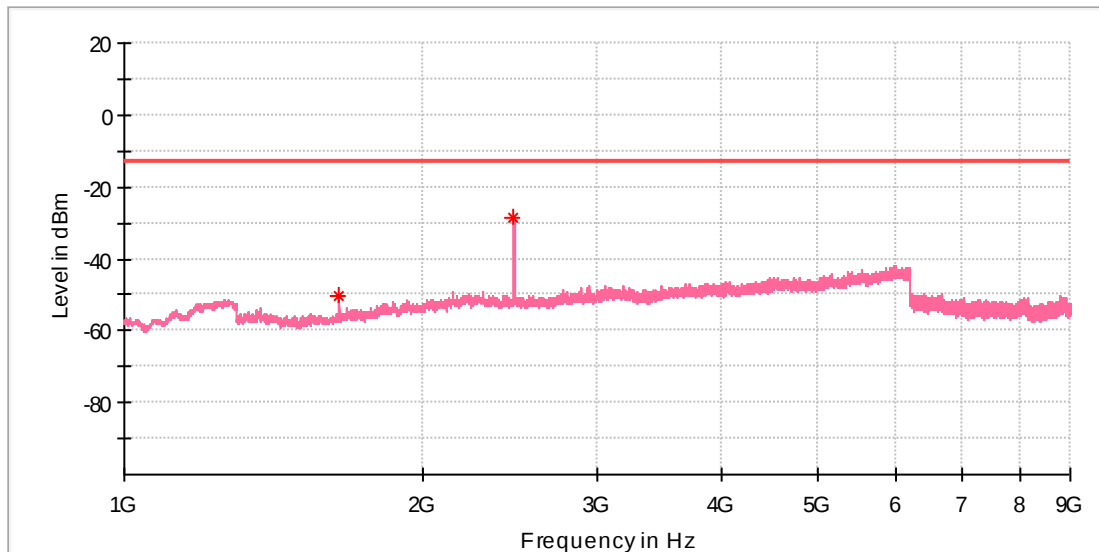


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

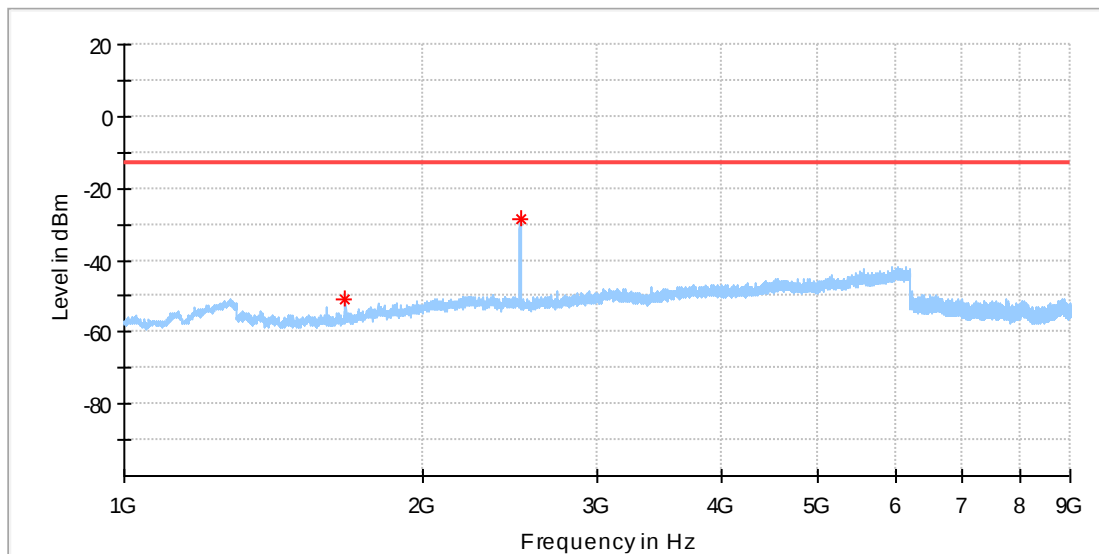
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-50.05	-13.00	37.05	100.0	V	88.0	-92.4
2472.500000	-28.80	-13.00	15.80	100.0	V	108.0	-88.0

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

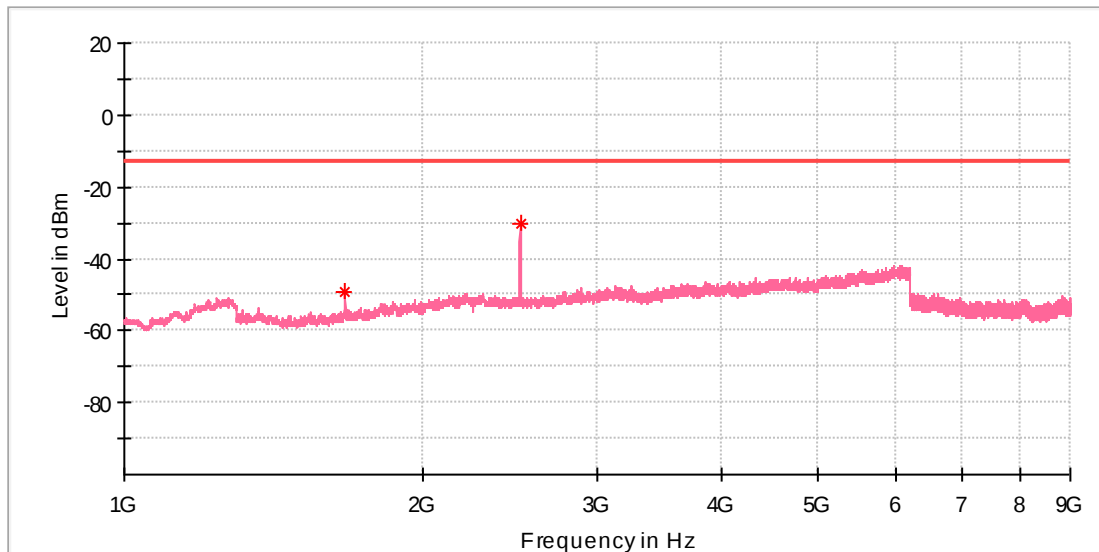


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

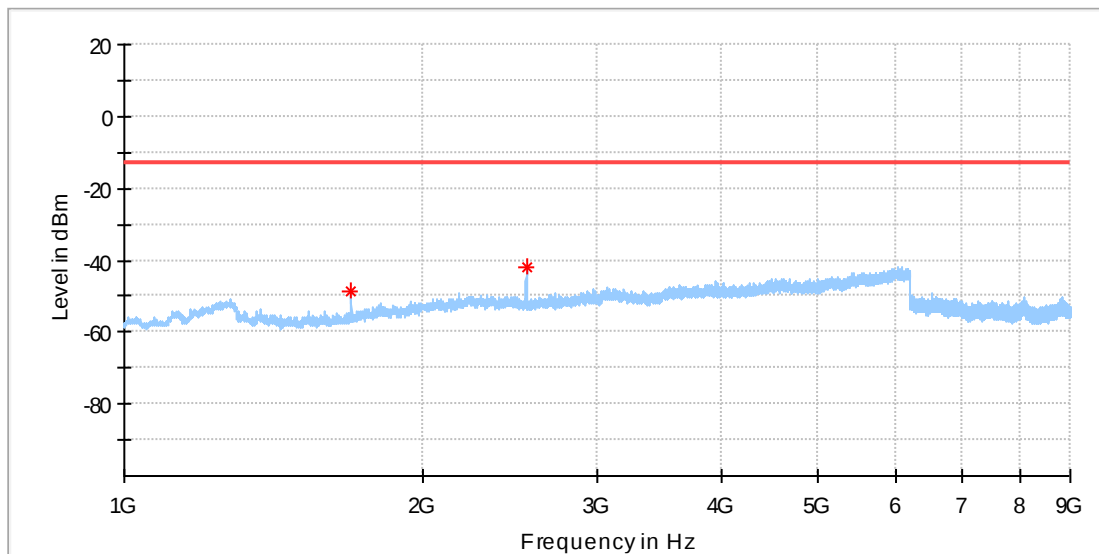
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-49.16	-13.00	36.16	100.0	V	74.0	-92.2
2508.000000	-30.21	-13.00	17.21	100.0	V	88.0	-88.2

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

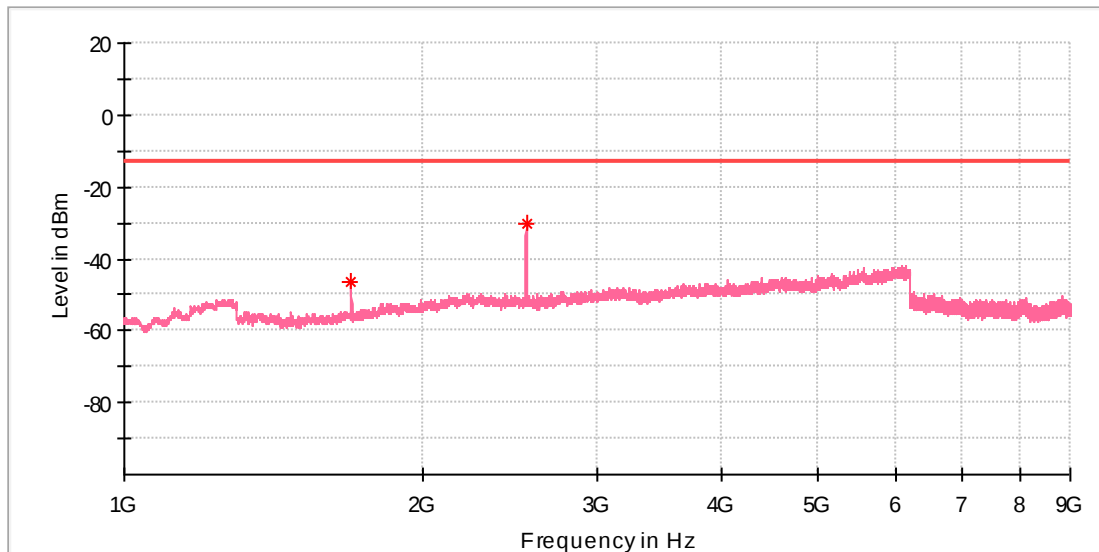


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

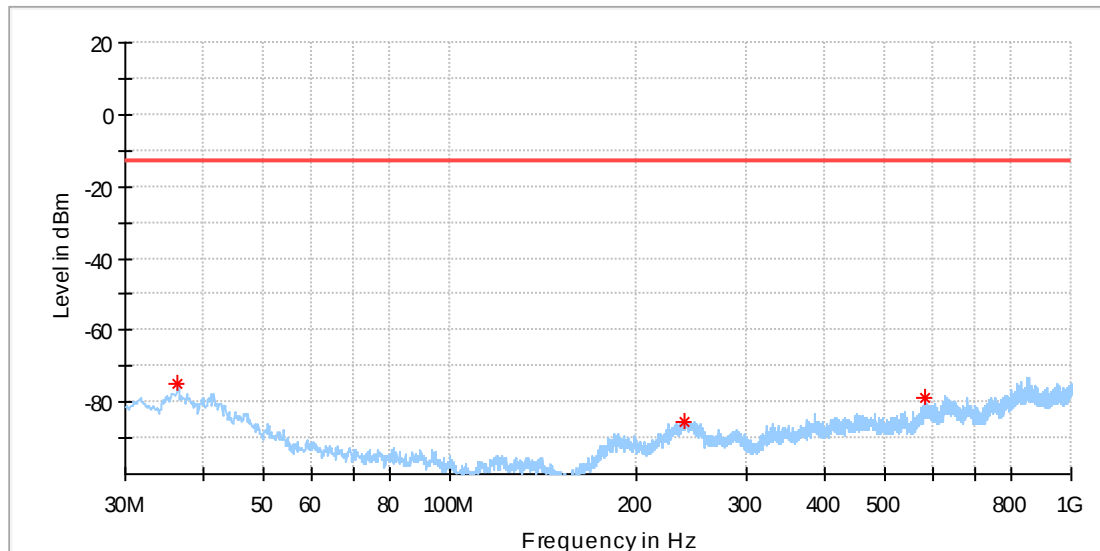
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-46.53	-13.00	33.53	100.0	V	29.0	-92.1
2544.000000	-30.38	-13.00	17.38	100.0	V	98.0	-88.4

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

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

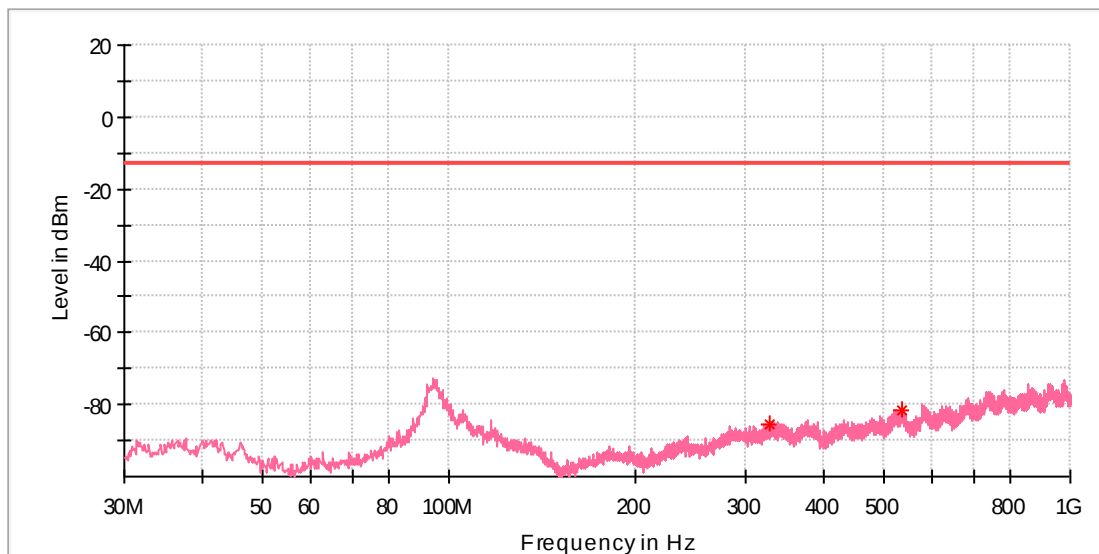


Critical_Freqs

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

EUT Information

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



Critical_Freqs

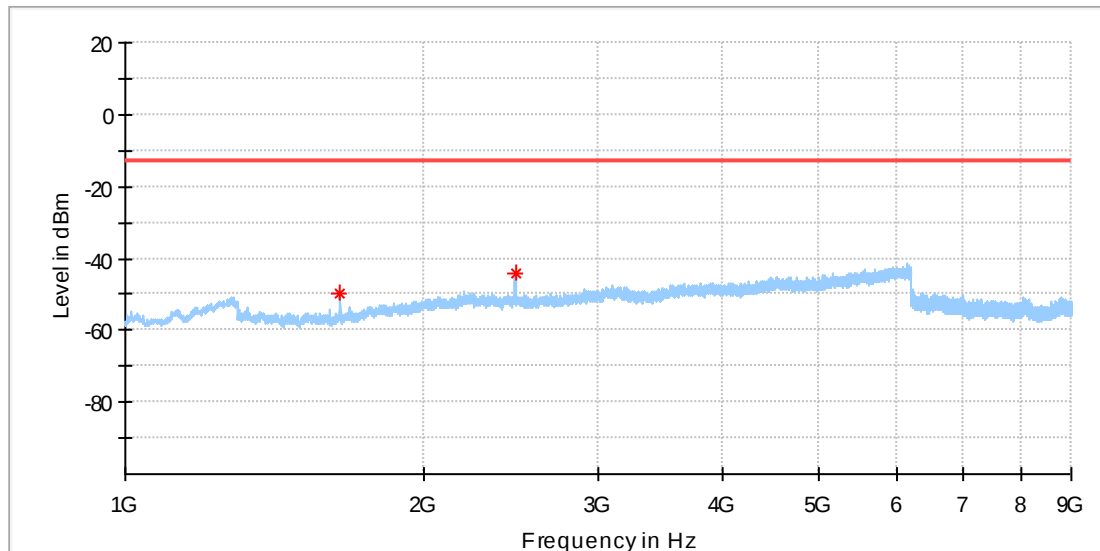
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
329.123750	-85.72	-13.00	72.72	100.0	V	32.0	-112.2
534.521250	-81.50	-13.00	68.50	100.0	V	72.0	-107.6

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

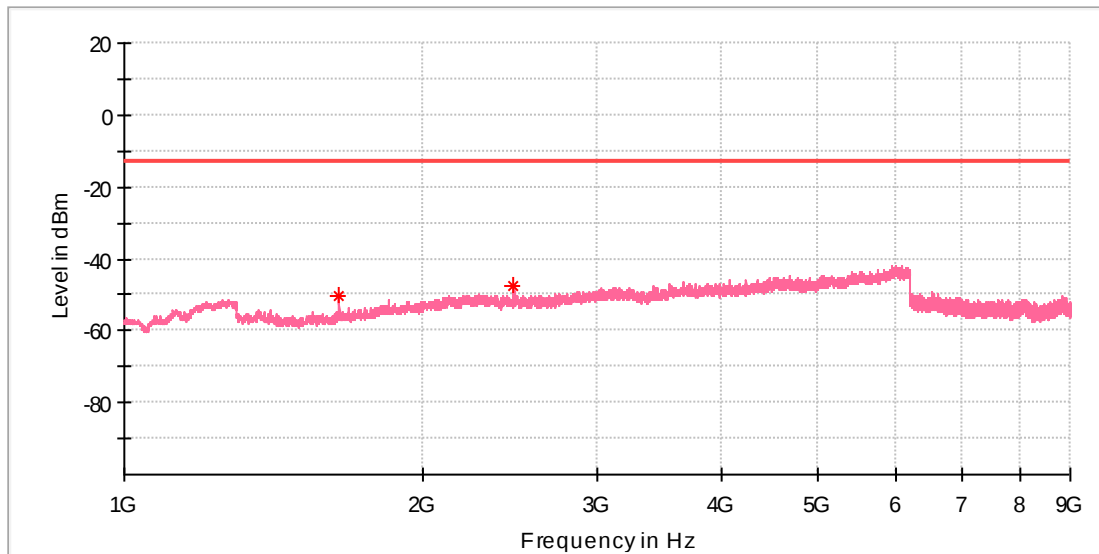


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

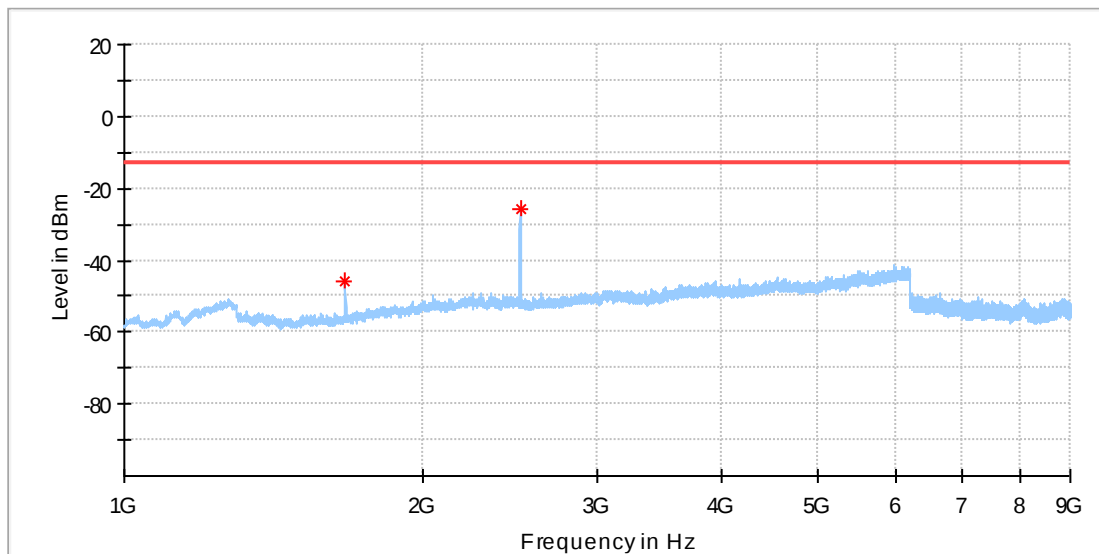
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-50.17	-13.00	37.17	100.0	V	225.0	-92.4
2472.500000	-47.27	-13.00	34.27	100.0	V	100.0	-88.0

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

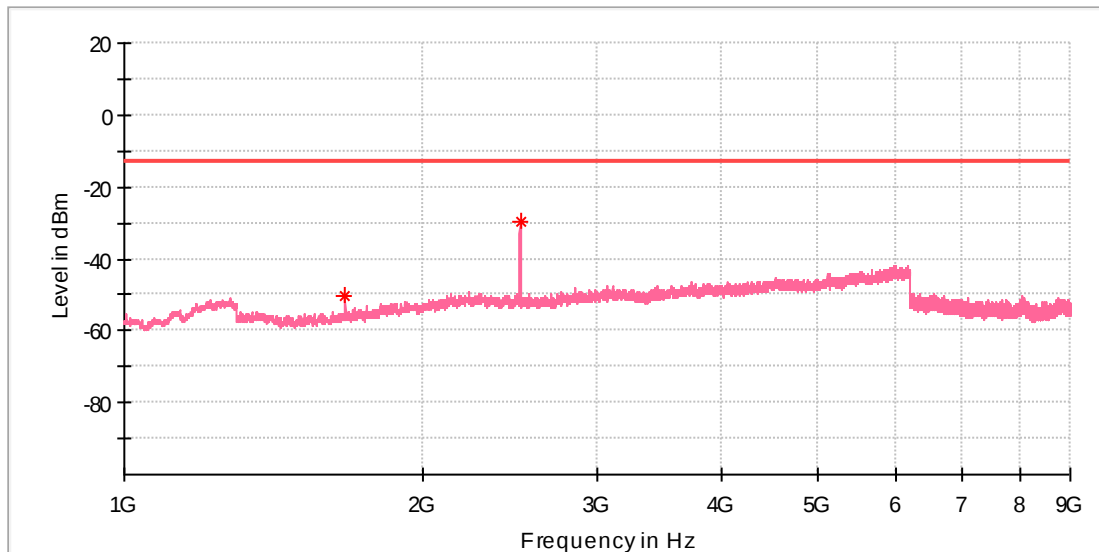


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

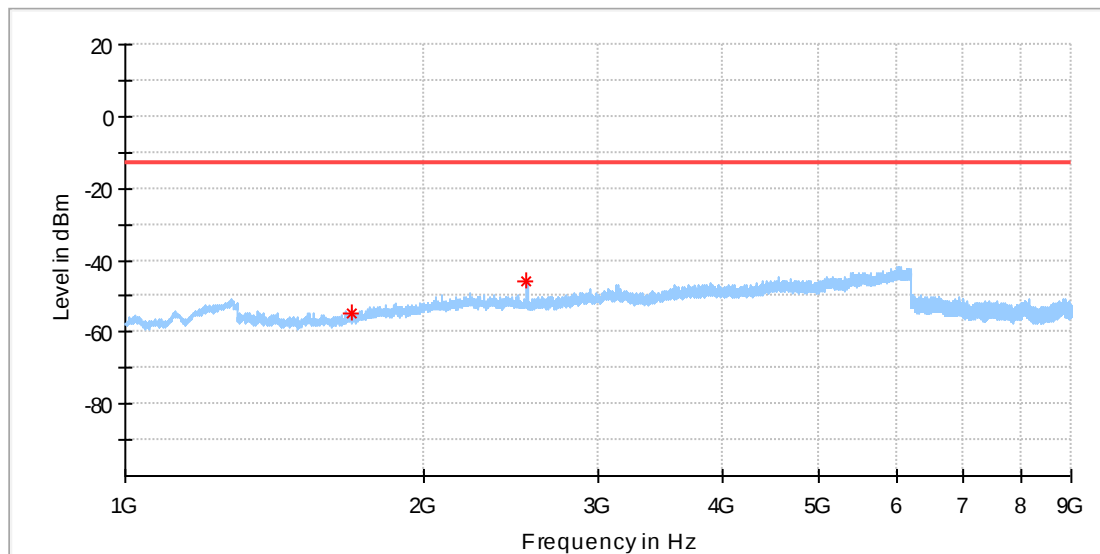
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1671.500000	-50.20	-13.00	37.20	100.0	V	121.0	-92.2
2508.000000	-29.56	-13.00	16.56	100.0	V	121.0	-88.2

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



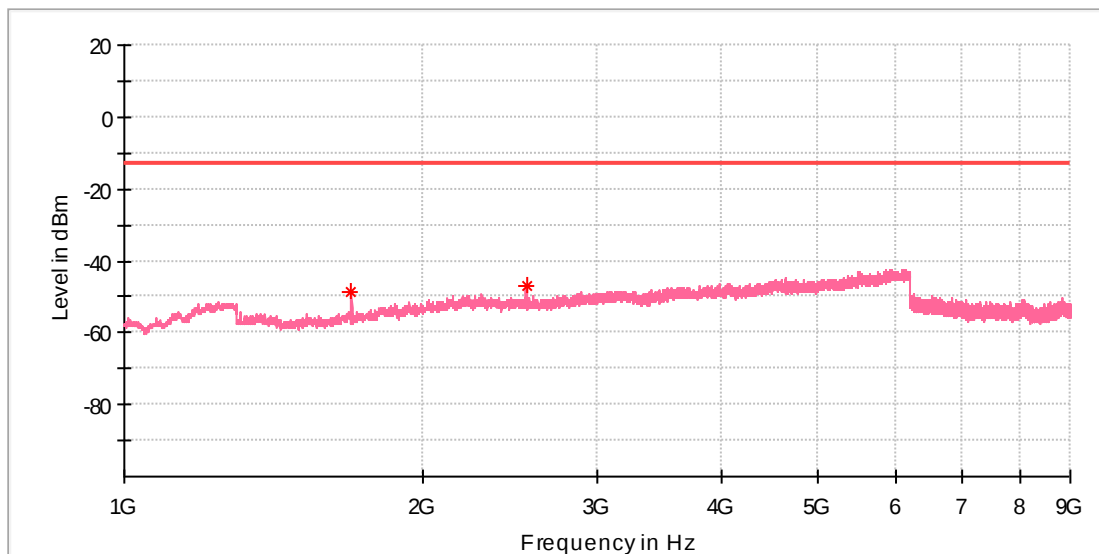
Critical_Freqs

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

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

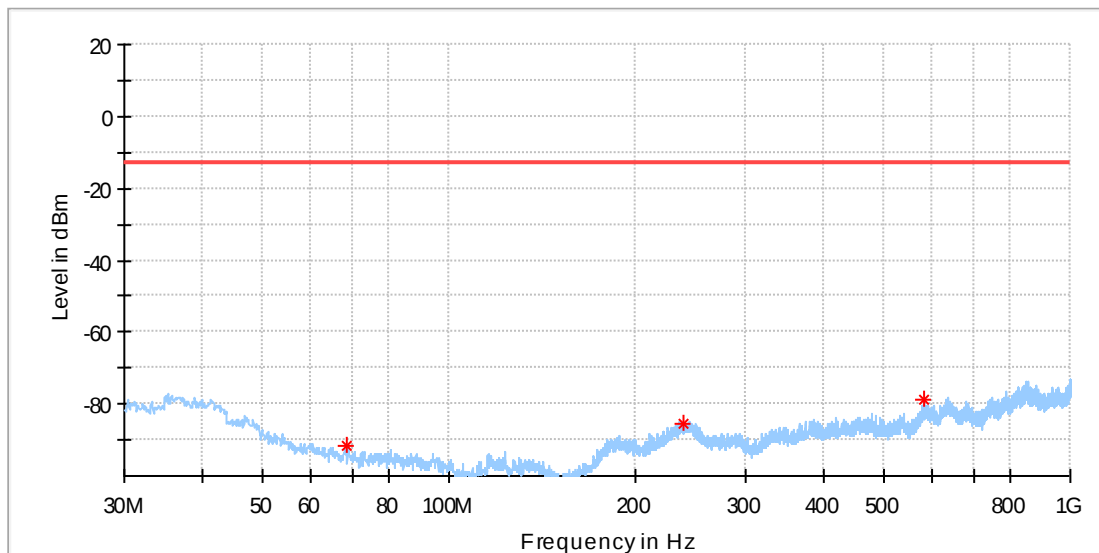
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1696.000000	-48.73	-13.00	35.73	100.0	V	0.0	-92.1
2543.500000	-46.92	-13.00	33.92	100.0	V	93.0	-88.4

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

Test Result of QPSK modulation
Below 1 GHz

EUT Information

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

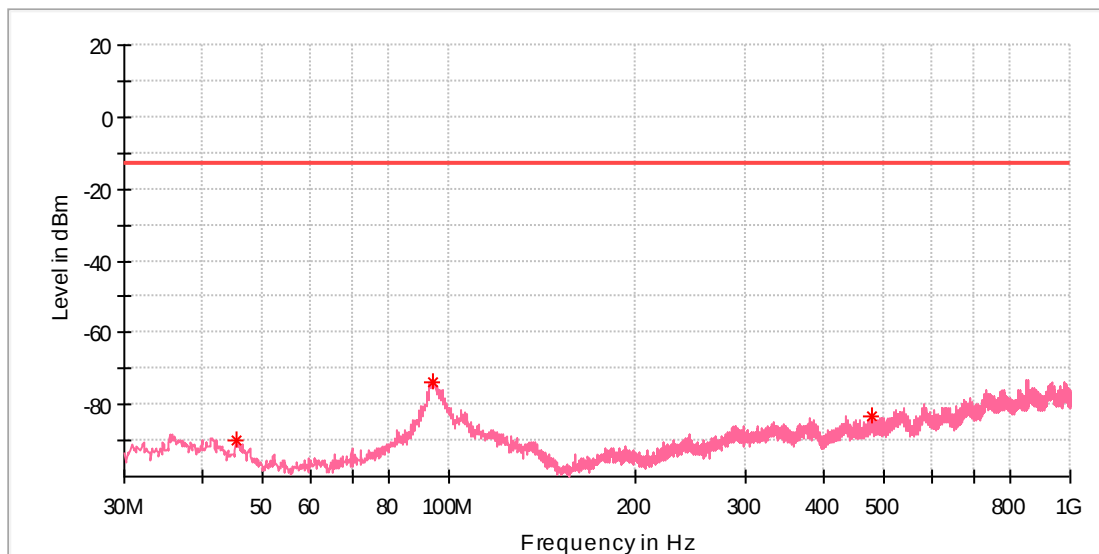


Critical_Freqs

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

EUT Information

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



Critical_Freqs

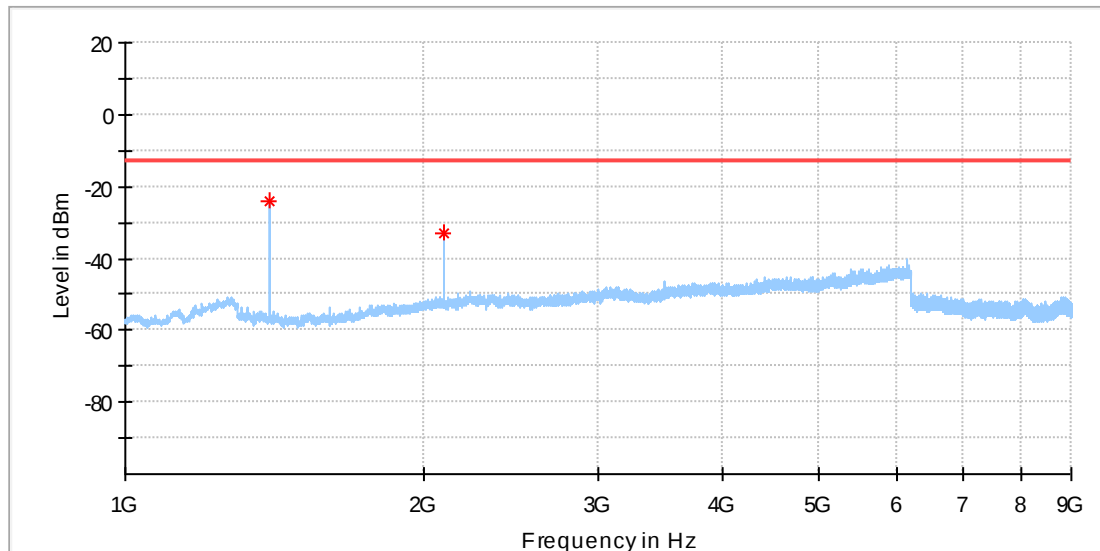
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
45.398750	-90.22	-13.00	77.22	100.0	V	0.0	-123.0
94.383750	-73.61	-13.00	60.61	100.0	V	115.0	-99.6
479.716250	-83.34	-13.00	70.34	100.0	V	0.0	-110.1

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

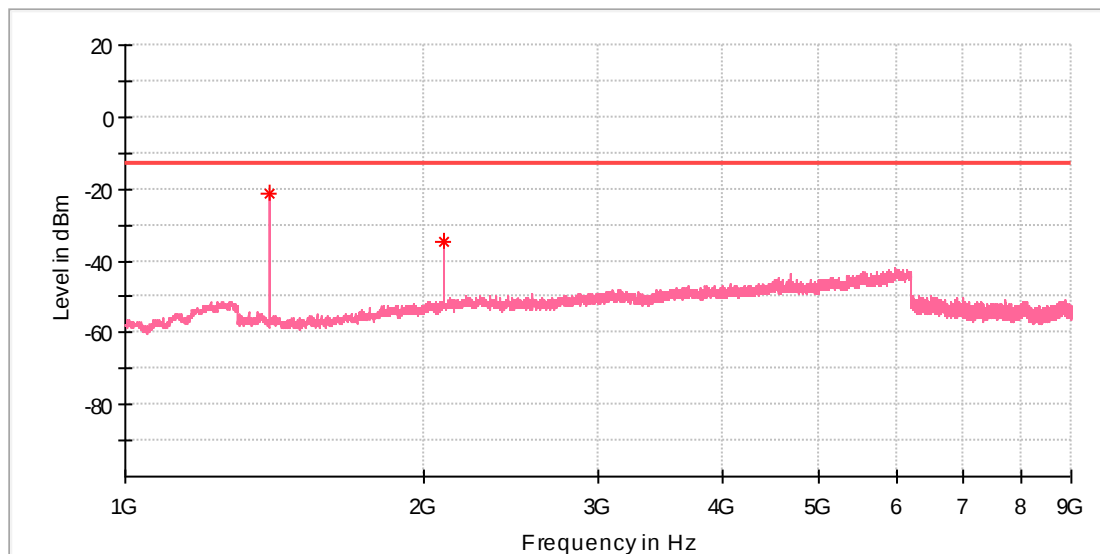


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

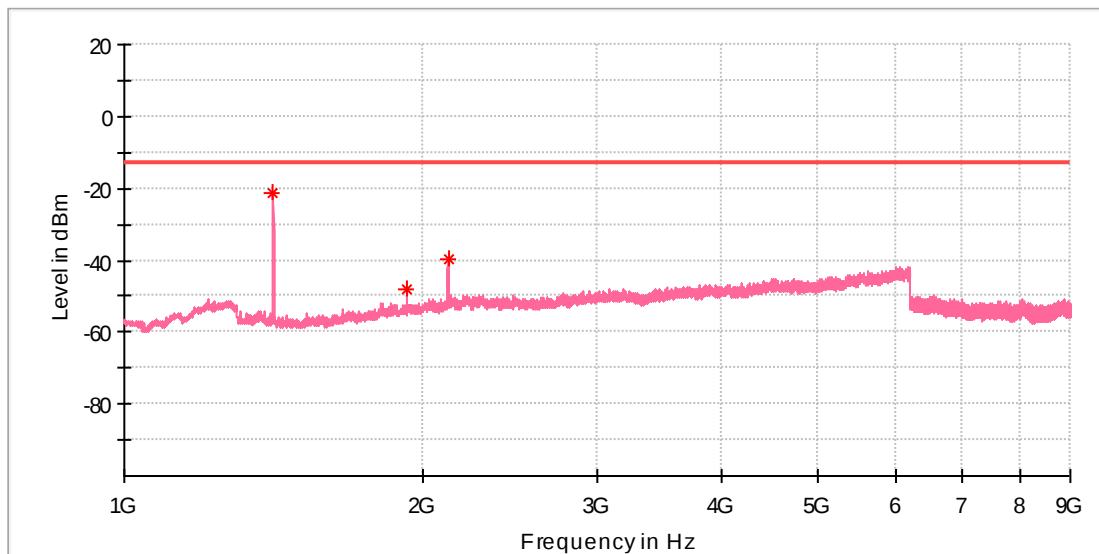
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.500000	-21.53	-13.00	8.53	100.0	V	96.0	-92.8
2097.500000	-34.70	-13.00	21.70	100.0	V	103.0	-88.6

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

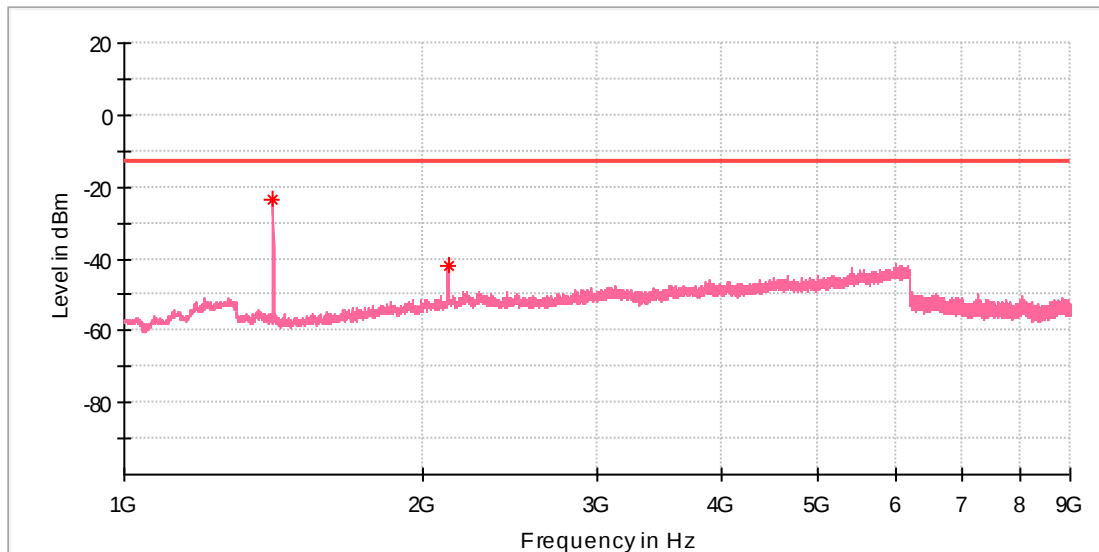


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

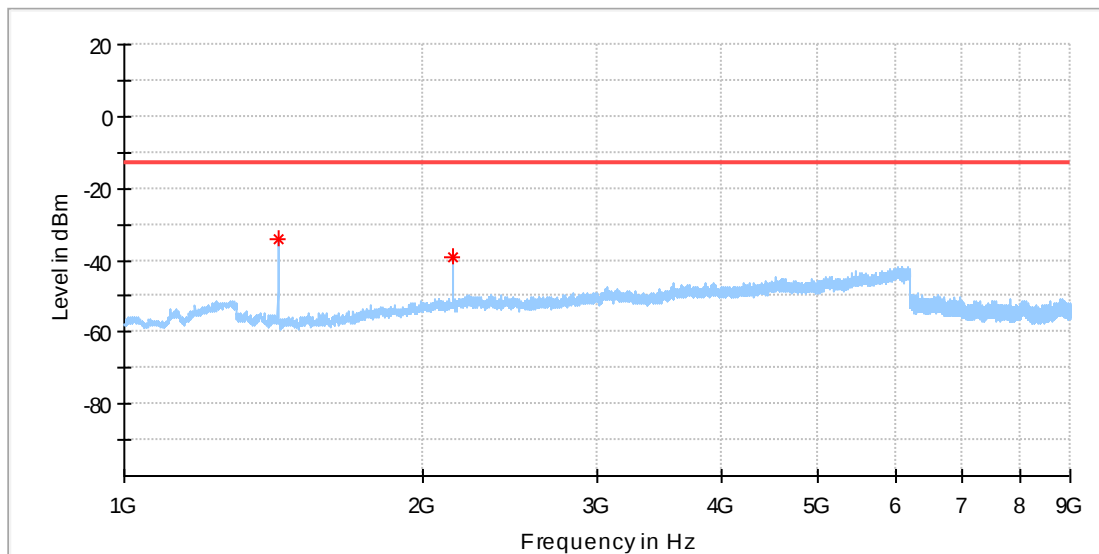
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-23.67	-13.00	10.67	100.0	V	122.0	-92.9
2121.000000	-42.21	-13.00	29.21	100.0	V	0.0	-88.1

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



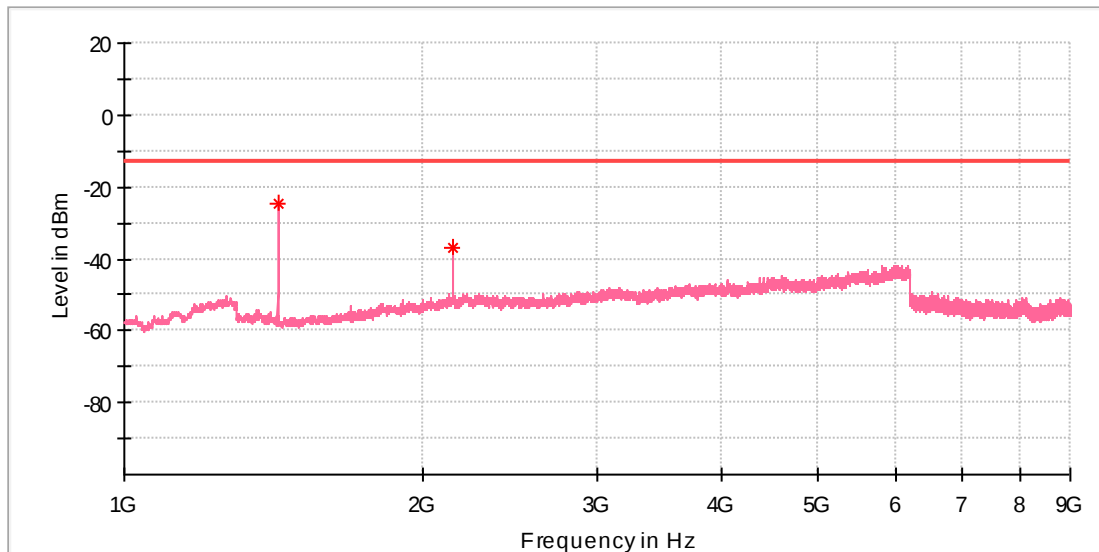
Critical_Freqs

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

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

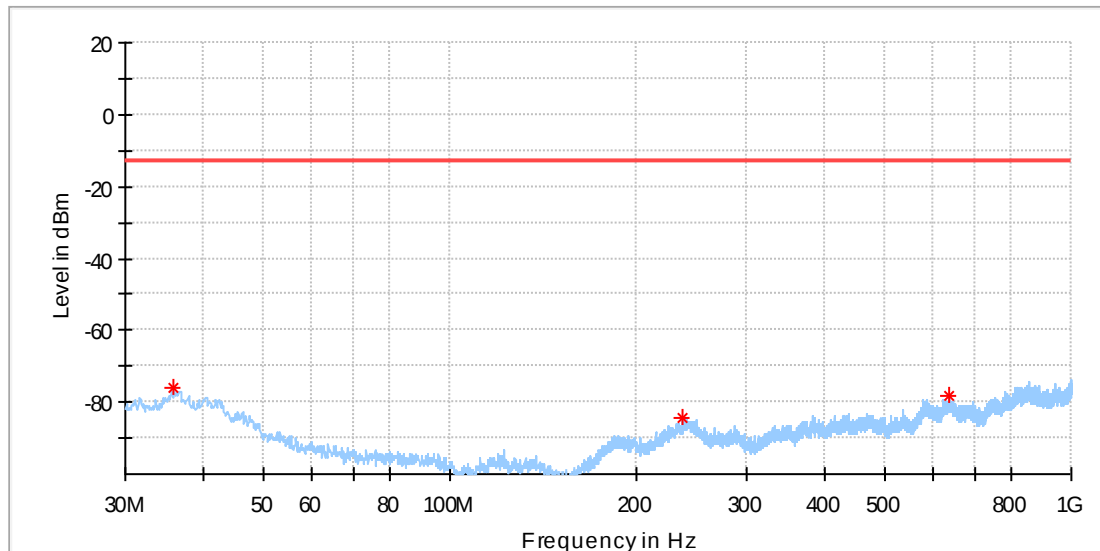
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.500000	-24.57	-13.00	11.57	100.0	V	212.0	-93.5
2144.500000	-36.70	-13.00	23.70	100.0	V	274.0	-87.9

Produkte
Products

Test Result of 16QAM modulation Below 1 GHz

EUT Information

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



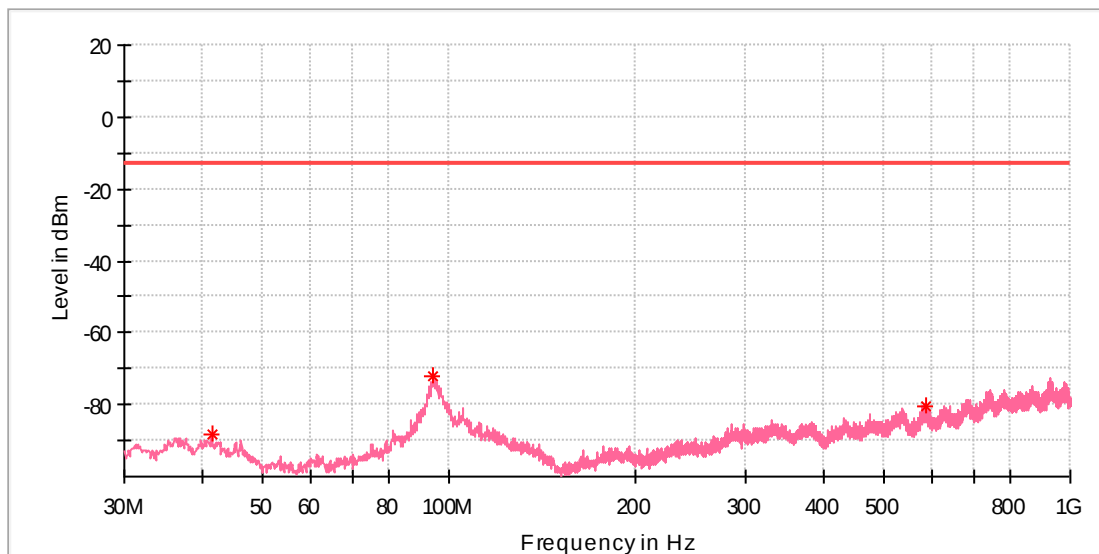
Critical_Freqs

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

Produkte
Products

EUT Information

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



Critical_Freqs

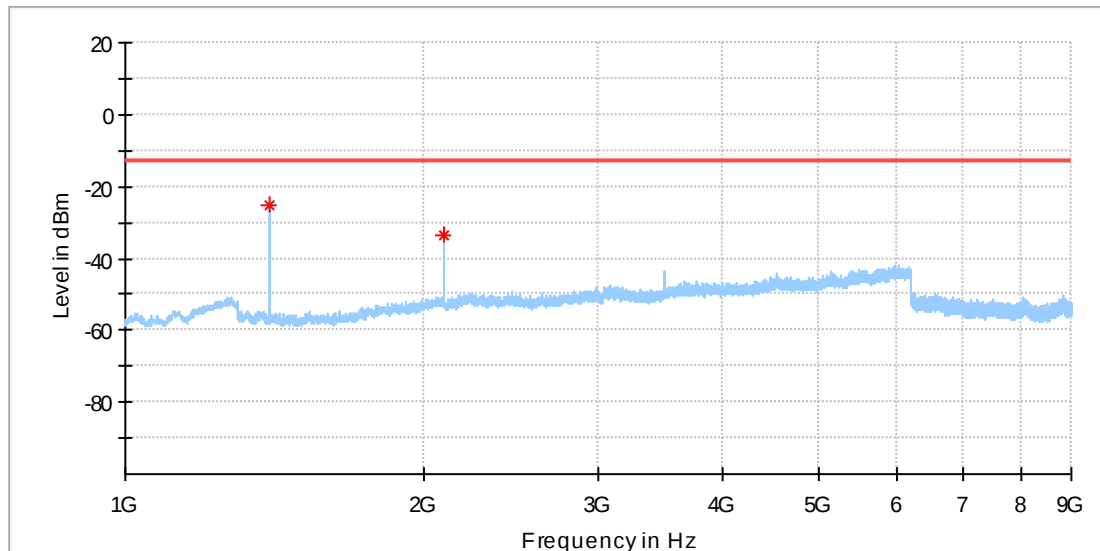
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.518750	-88.16	-13.00	75.16	100.0	V	0.0	-123.2
94.141250	-72.33	-13.00	59.33	100.0	V	265.0	-99.7
584.233750	-80.58	-13.00	67.58	100.0	V	342.0	-106.6

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

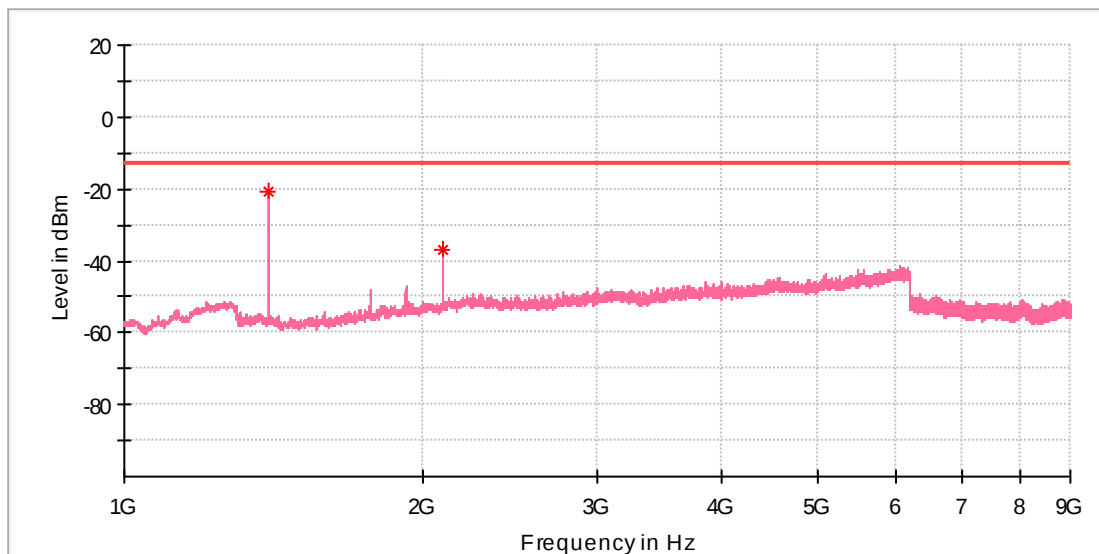


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

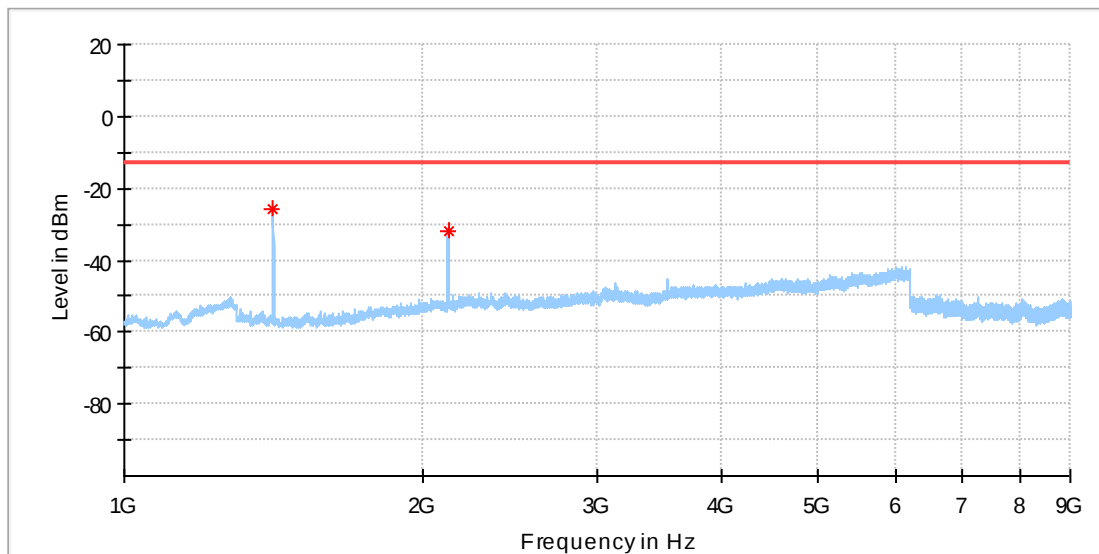
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-20.98	-13.00	7.98	100.0	V	98.0	-92.9
2097.500000	-37.12	-13.00	24.12	100.0	V	43.0	-88.6

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

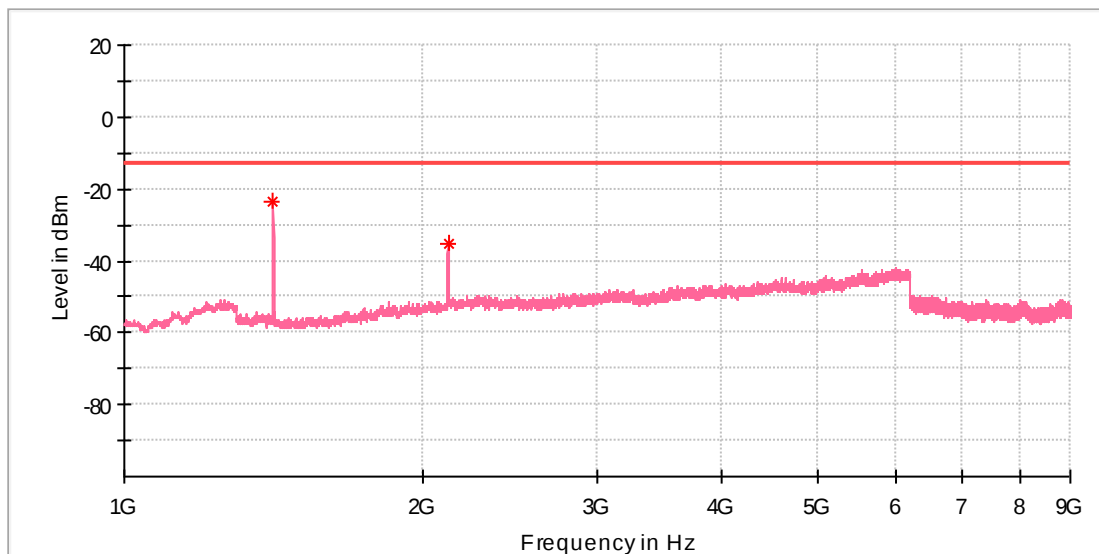


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

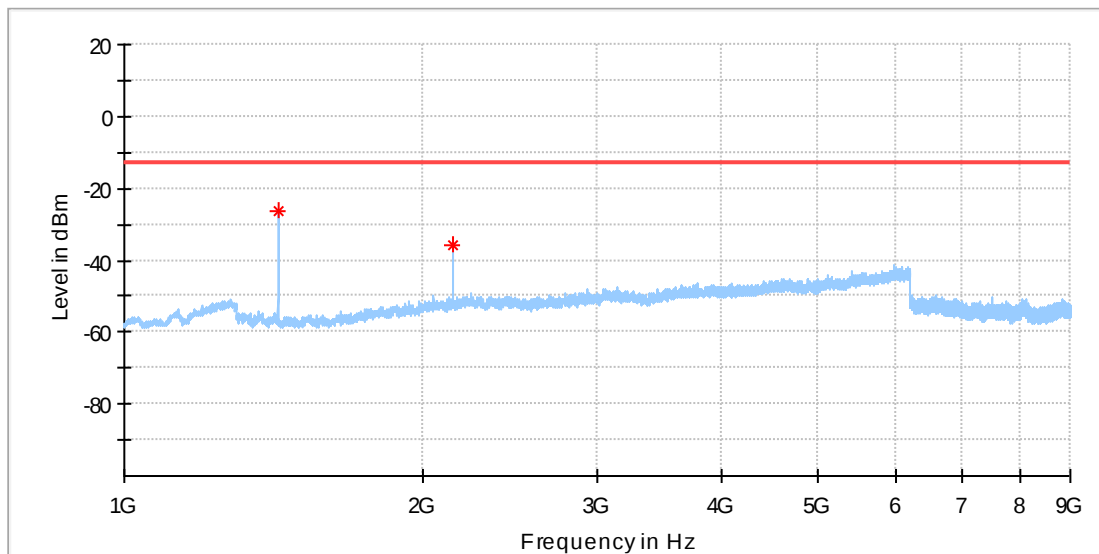
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.500000	-23.73	-13.00	10.73	100.0	V	100.0	-92.9
2121.000000	-35.21	-13.00	22.21	100.0	V	156.0	-88.1

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



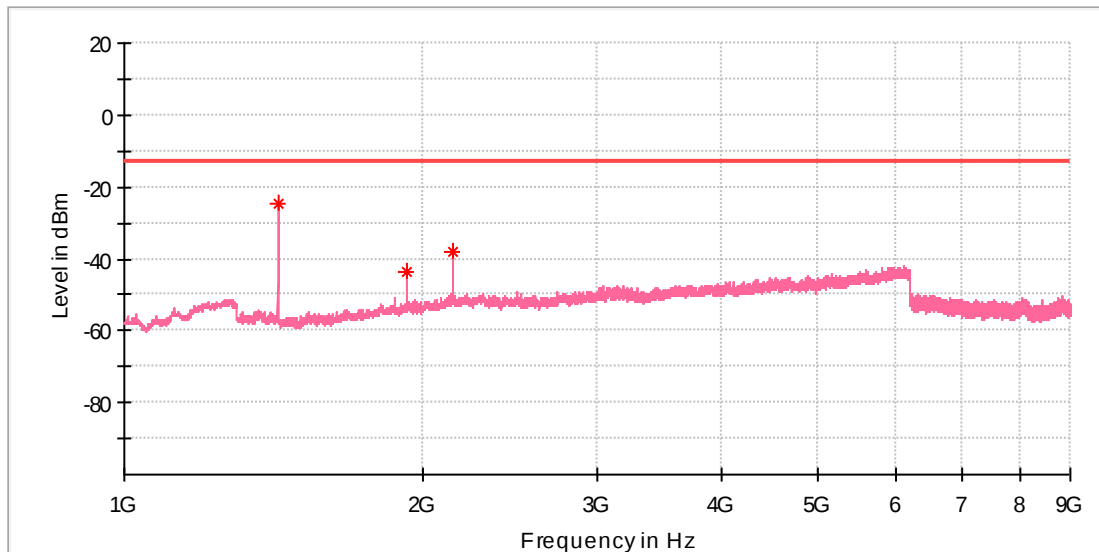
Critical_Freqs

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

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

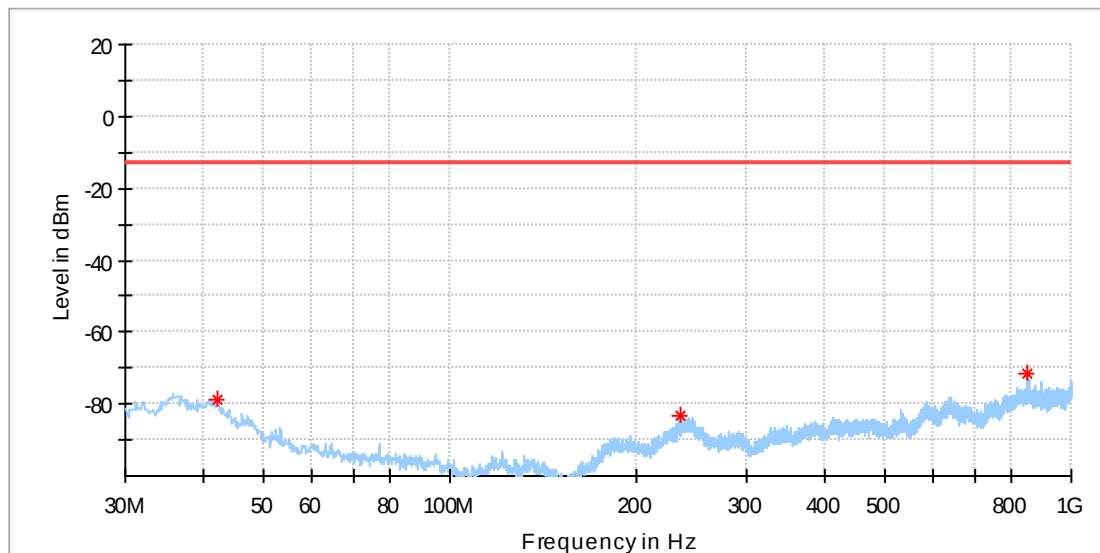
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.500000	-24.51	-13.00	11.51	100.0	V	86.0	-93.5
1928.500000	-43.35	-13.00	30.35	100.0	V	142.0	-89.4
2144.500000	-38.21	-13.00	25.21	100.0	V	107.0	-87.9

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

Test Result of QPSK modulation
Below 1 GHz

EUT Information

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

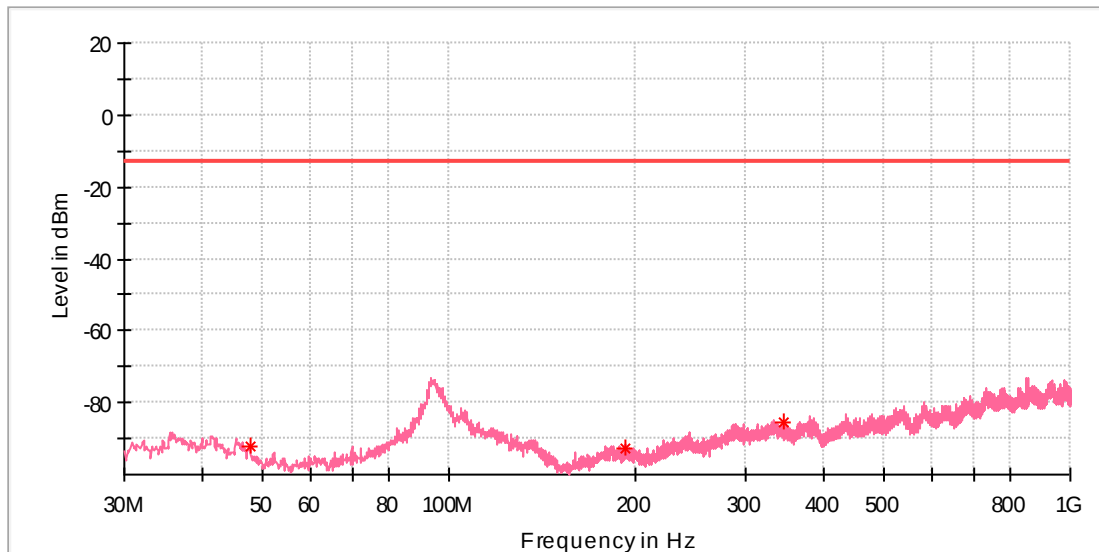


Critical_Freqs

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

EUT Information

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



Critical_Freqs

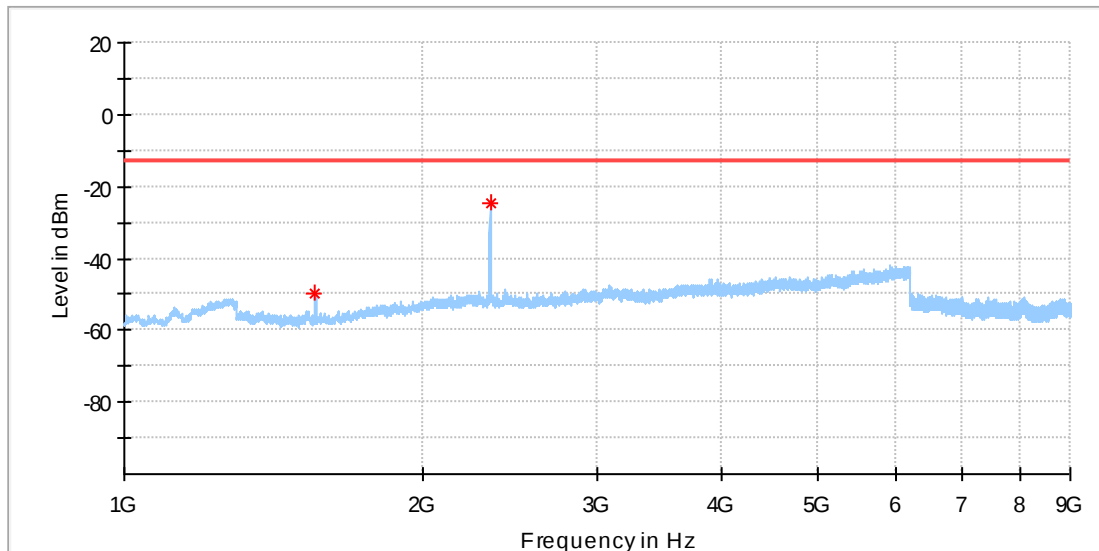
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
47.823750	-91.99	-13.00	78.99	100.0	V	0.0	-123.4
192.232500	-92.78	-13.00	79.78	100.0	V	97.0	-118.6
345.977500	-85.42	-13.00	72.42	100.0	V	227.0	-111.0

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



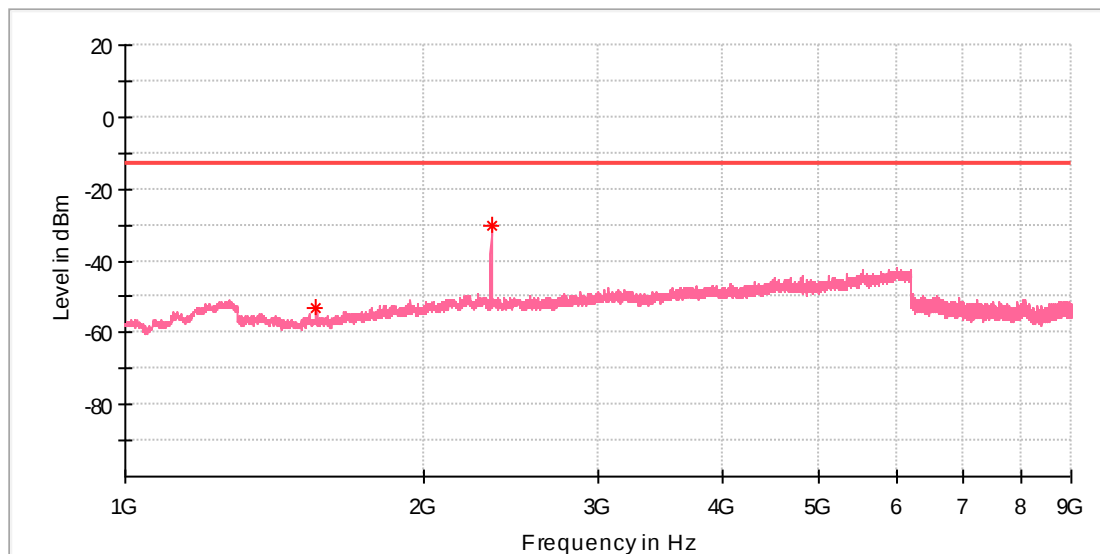
Critical_Freqs

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

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



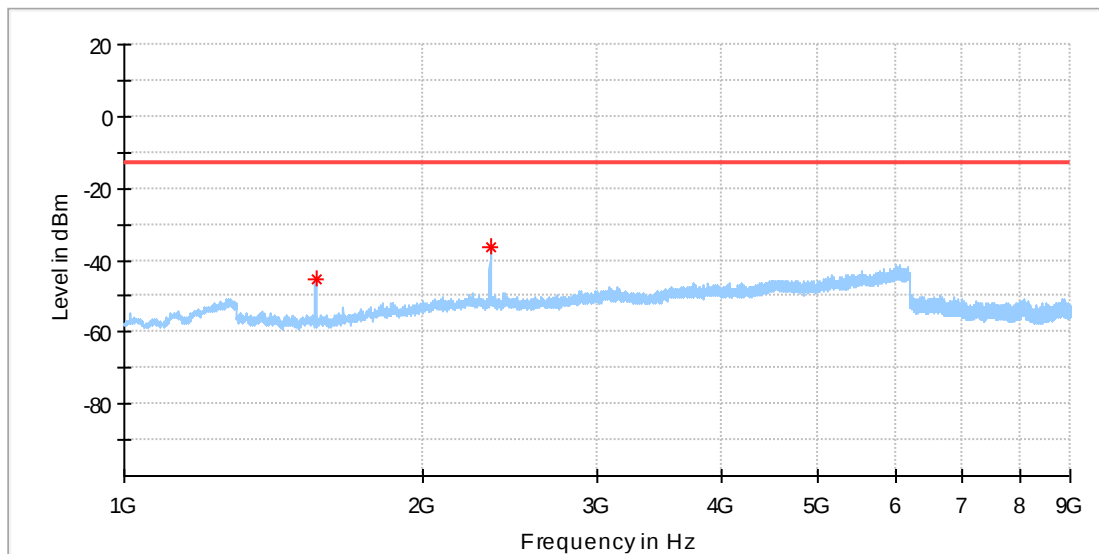
Critical_Freqs

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

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

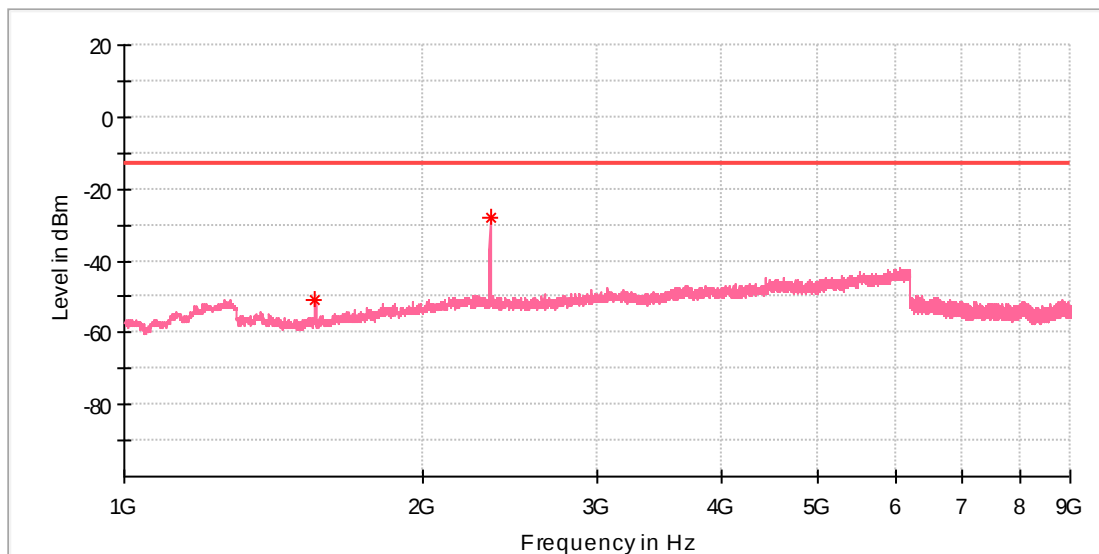


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

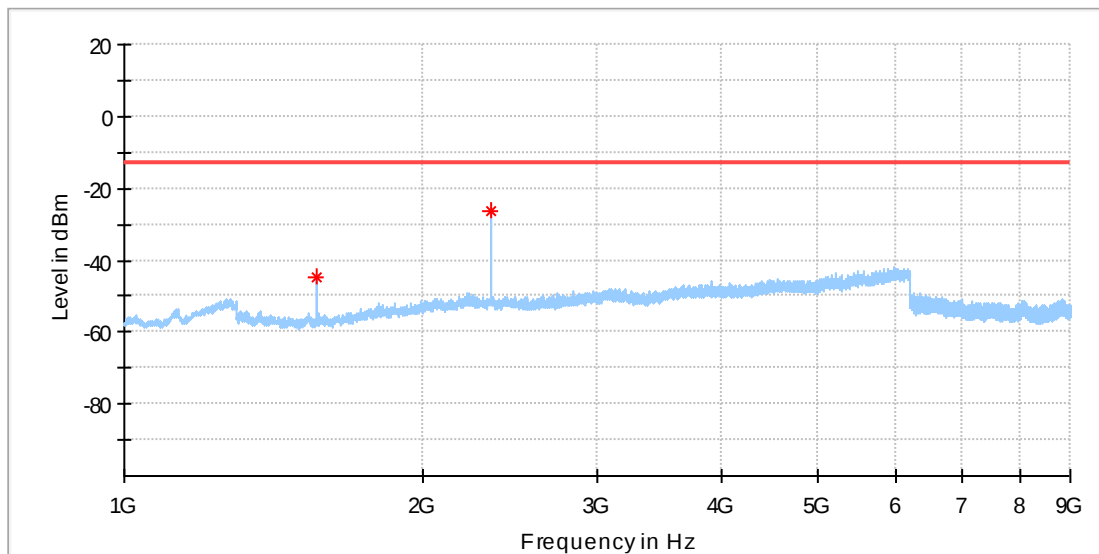
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-50.86	-13.00	37.86	100.0	V	108.0	-92.9
2339.000000	-27.86	-13.00	14.86	100.0	V	101.0	-87.9

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

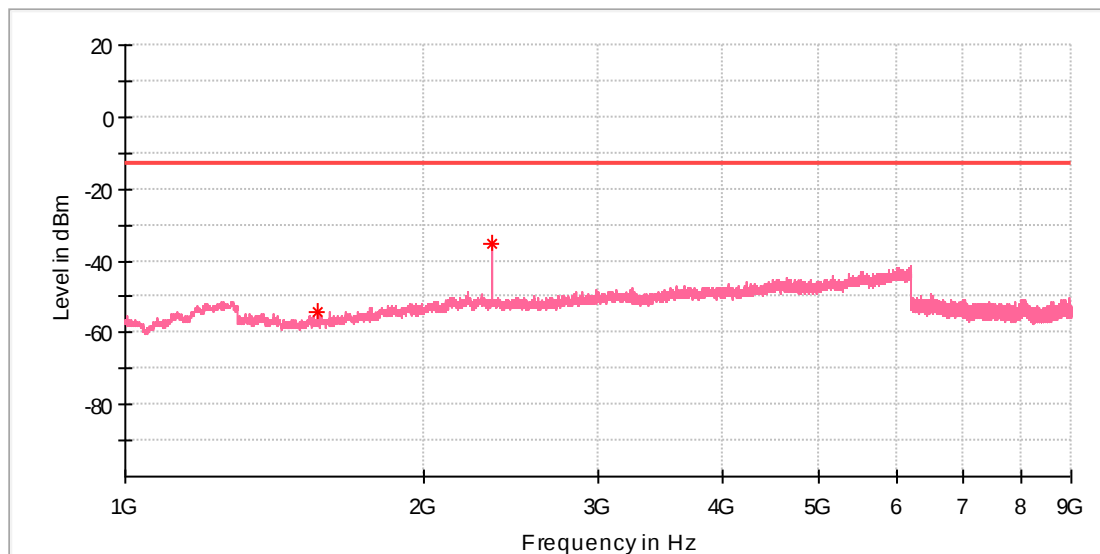


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M QPSK 1@5
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

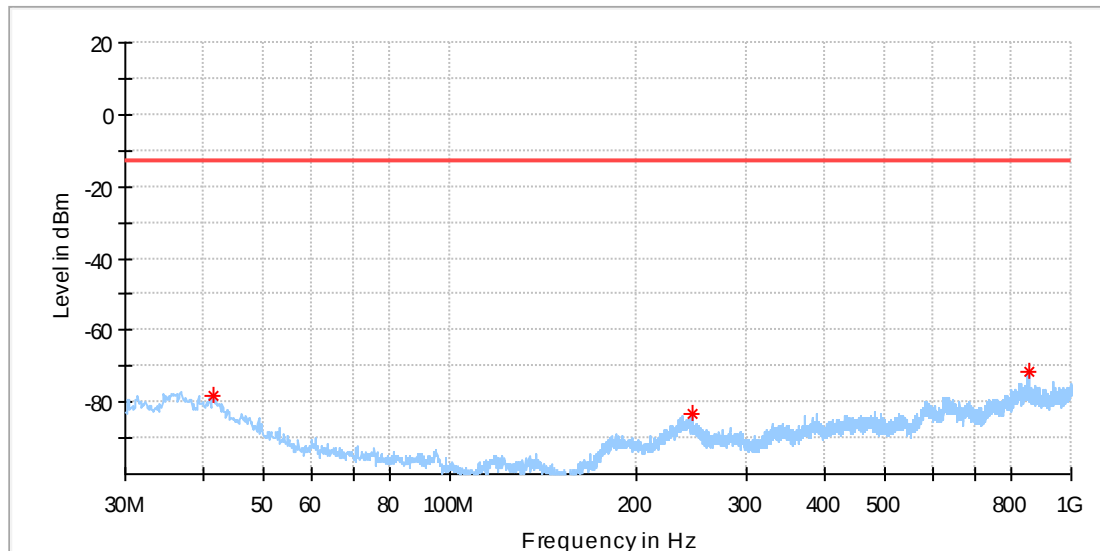
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1565.000000	-54.40	-13.00	41.40	100.0	V	317.0	-93.0
2347.000000	-35.18	-13.00	22.18	100.0	V	62.0	-87.8

Produkte
Products

Test Result of 16QAM modulation Below 1 GHz

EUT Information

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

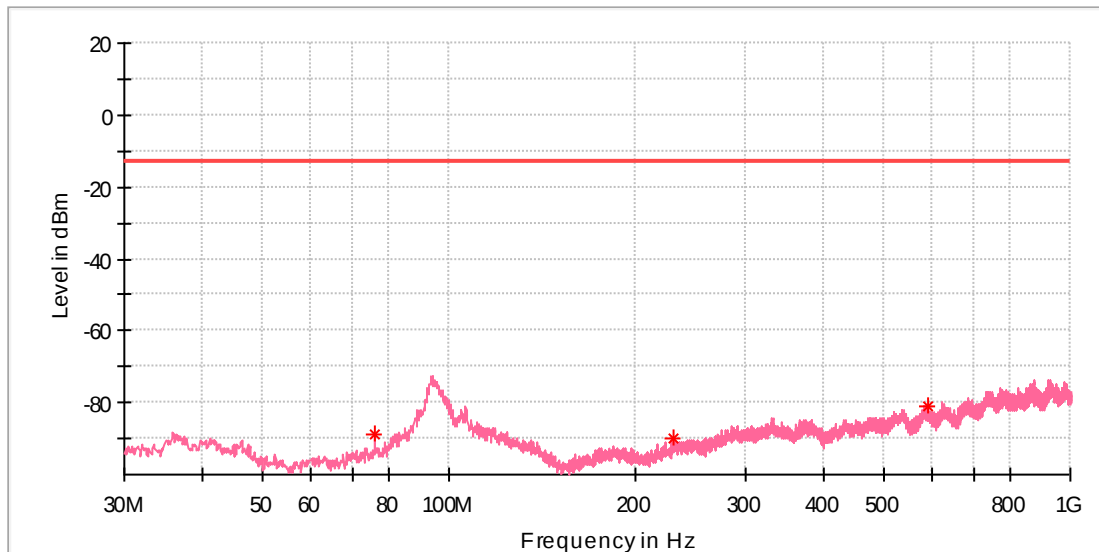


Critical_Freqs

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

EUT Information

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



Critical_Freqs

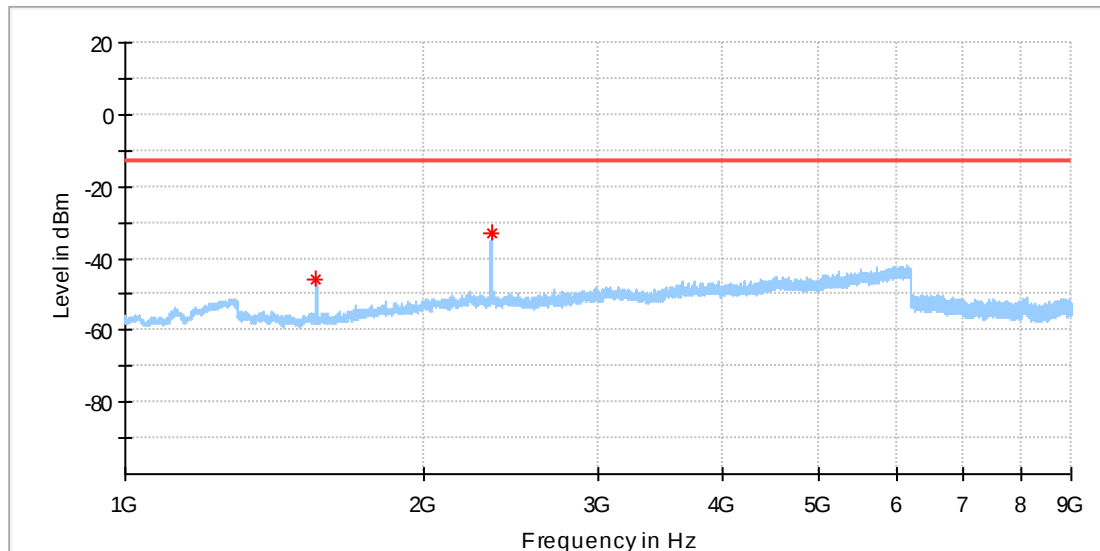
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
75.953750	-89.10	-13.00	76.10	100.0	V	359.0	-122.2
229.577500	-89.83	-13.00	76.83	100.0	V	0.0	-117.5
588.113750	-80.99	-13.00	67.99	100.0	V	282.0	-106.7

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



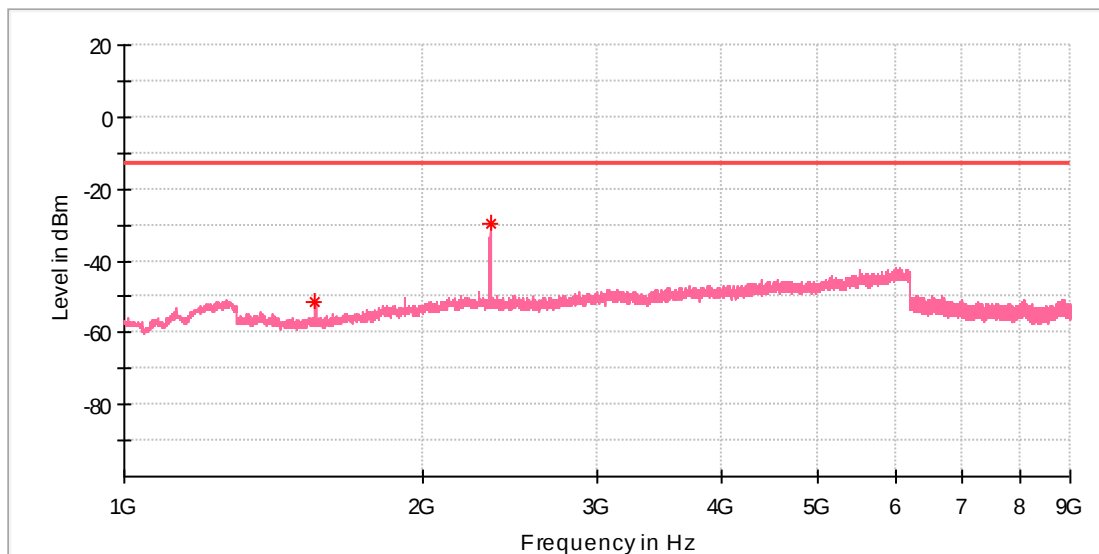
Critical_Freqs

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

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

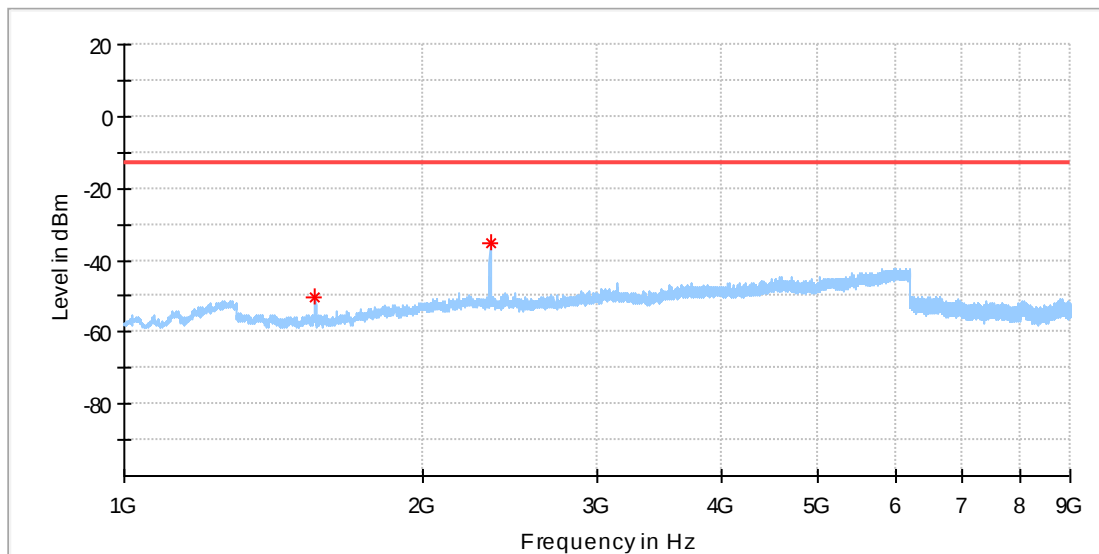
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.000000	-51.25	-13.00	38.25	100.0	V	73.0	-92.9
2339.500000	-29.42	-13.00	16.42	100.0	V	115.0	-87.9

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

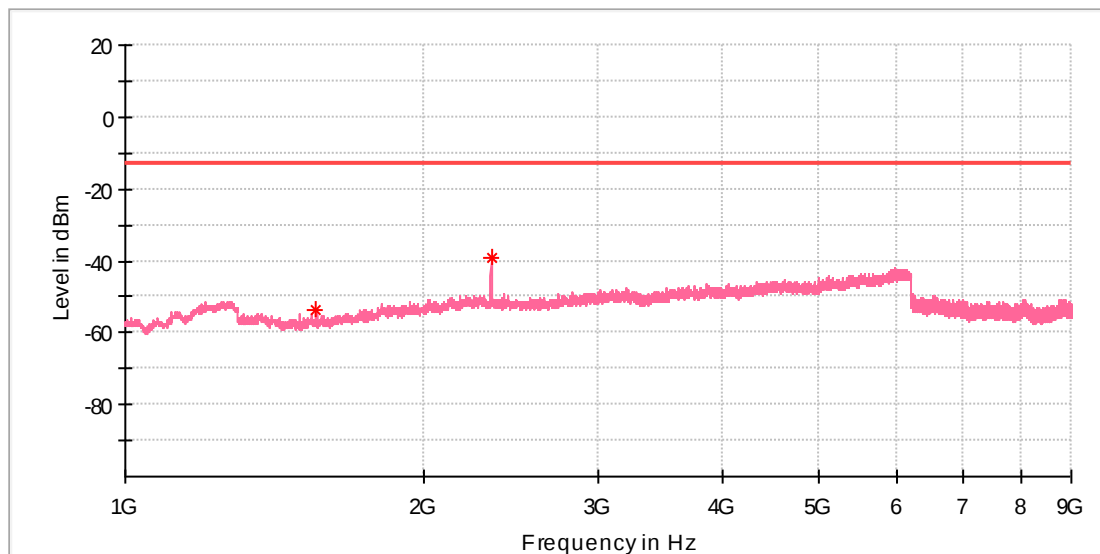


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

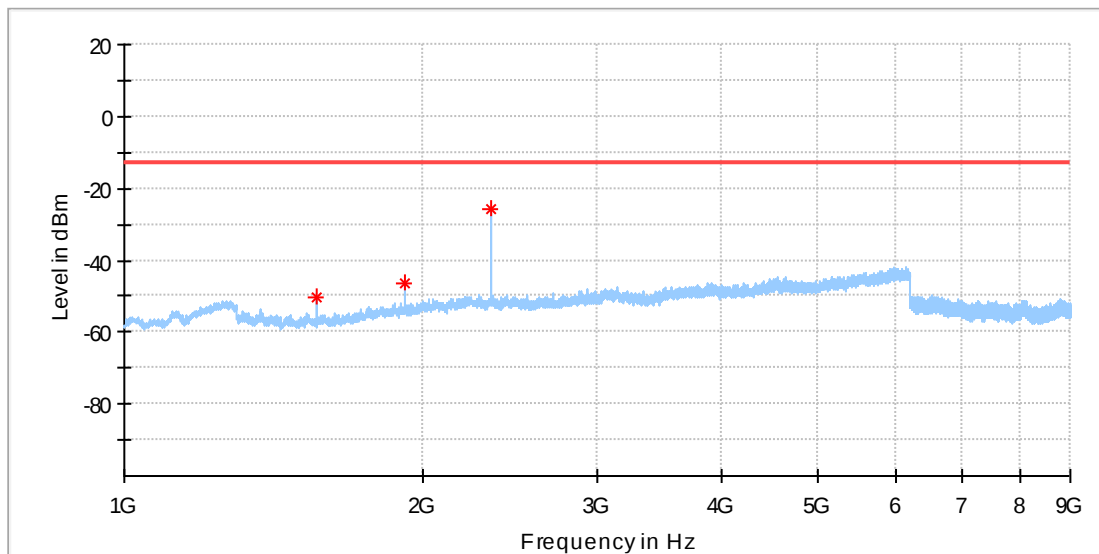
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-53.81	-13.00	40.81	100.0	V	317.0	-92.9
2339.500000	-39.17	-13.00	26.17	100.0	V	206.0	-87.9

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



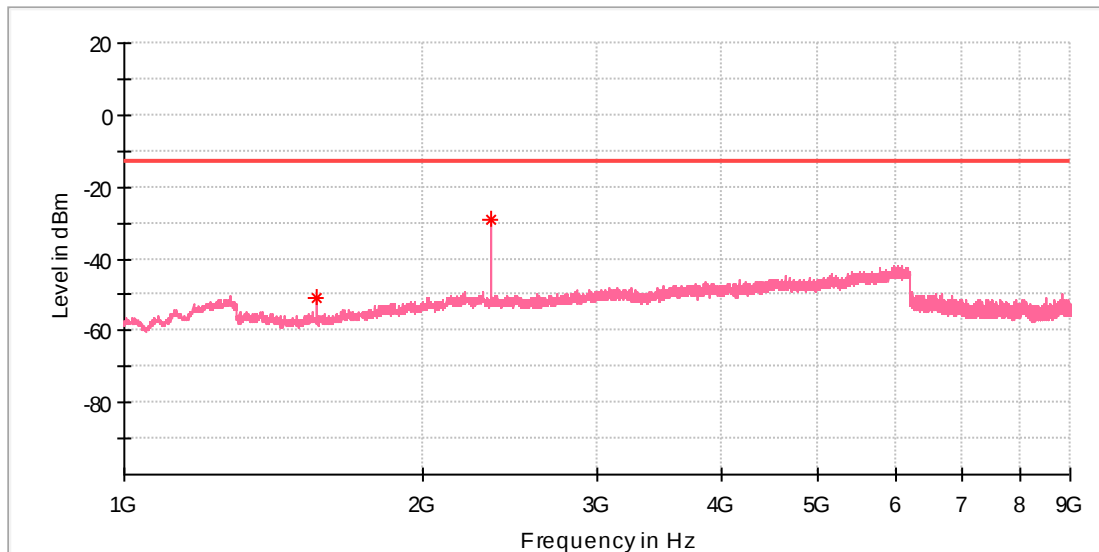
Critical_Freqs

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

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

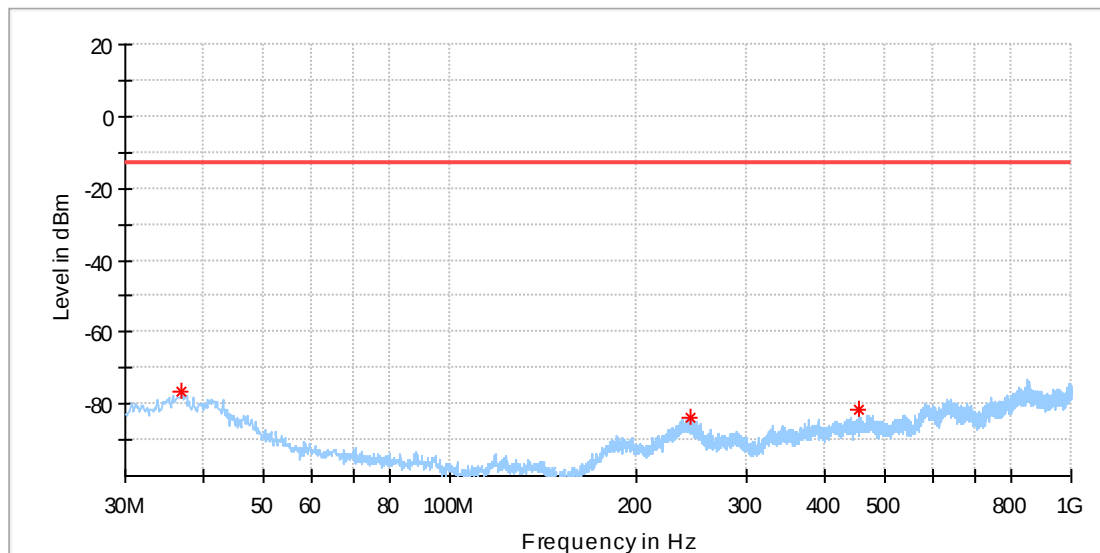
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1564.500000	-51.14	-13.00	38.14	100.0	V	115.0	-93.0
2347.000000	-28.94	-13.00	15.94	100.0	V	143.0	-87.8

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

Test Result of QPSK modulation
Below 1 GHz

EUT Information

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

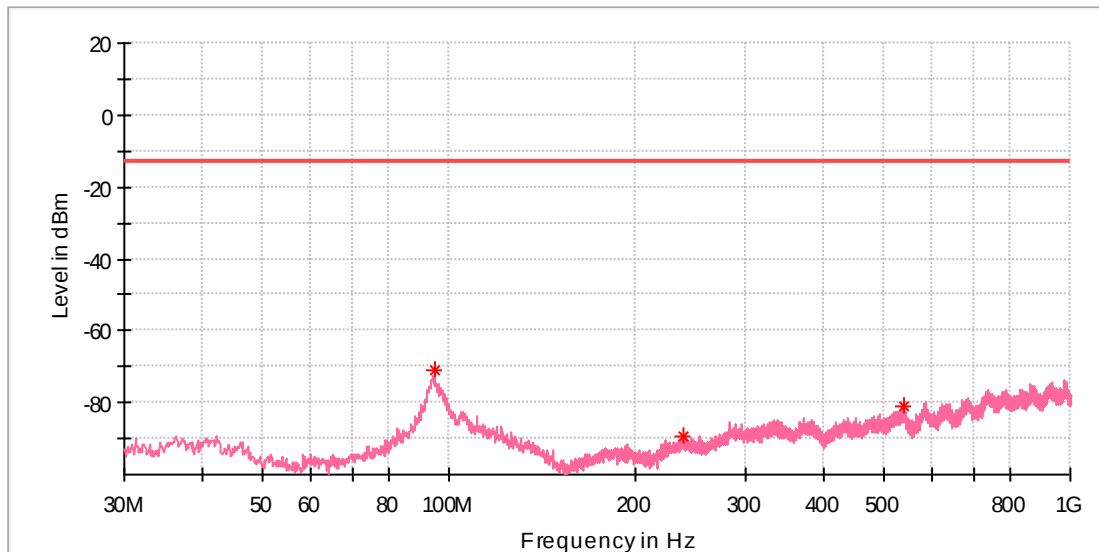


Critical_Freqs

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

EUT Information

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



Critical_Freqs

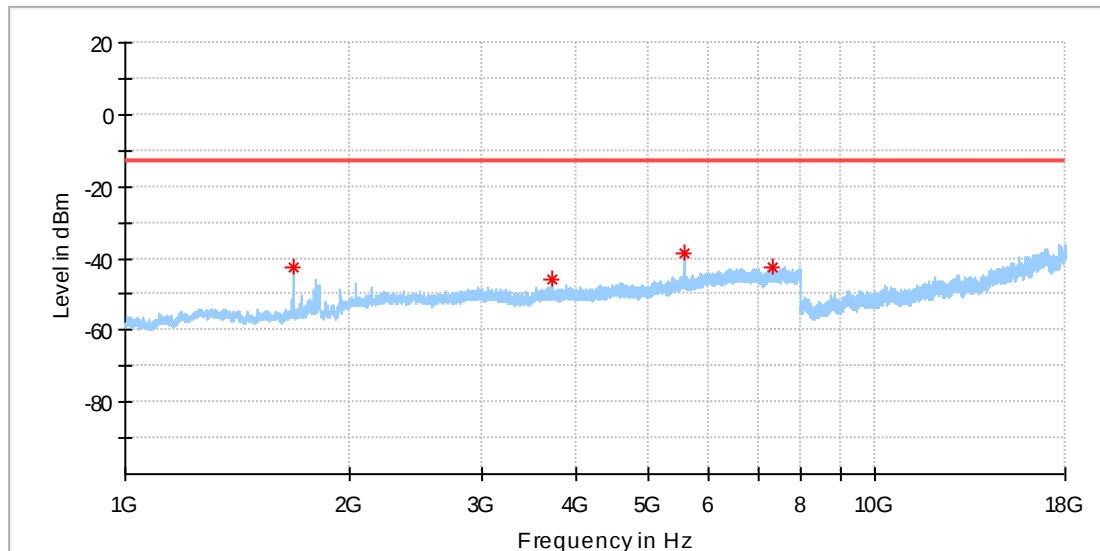
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.990000	-71.25	-13.00	58.25	100.0	V	315.0	-99.6
238.428750	-89.53	-13.00	76.53	100.0	V	45.0	-116.4
539.371250	-80.89	-13.00	67.89	100.0	V	234.0	-107.6

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

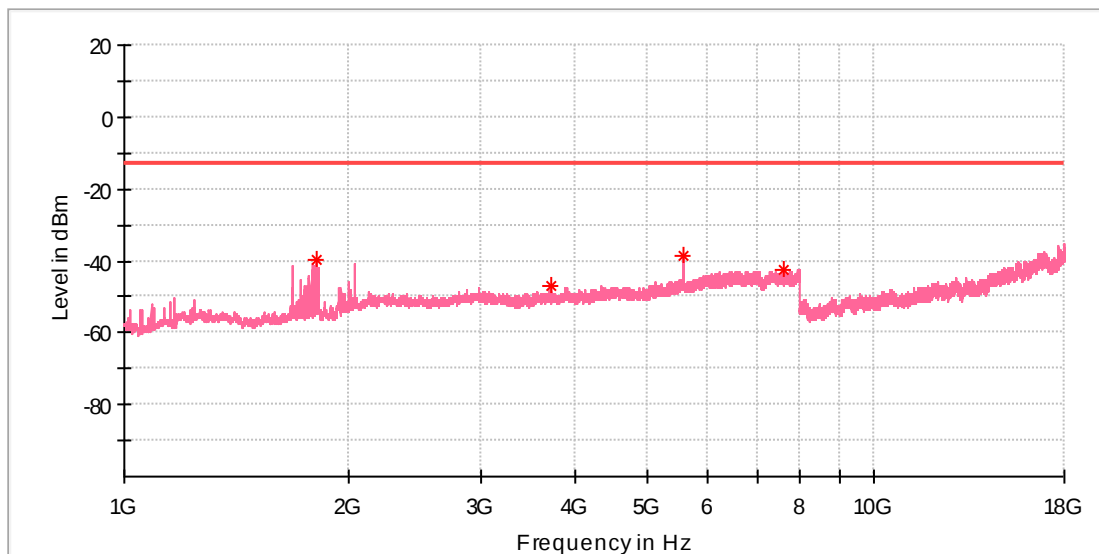


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

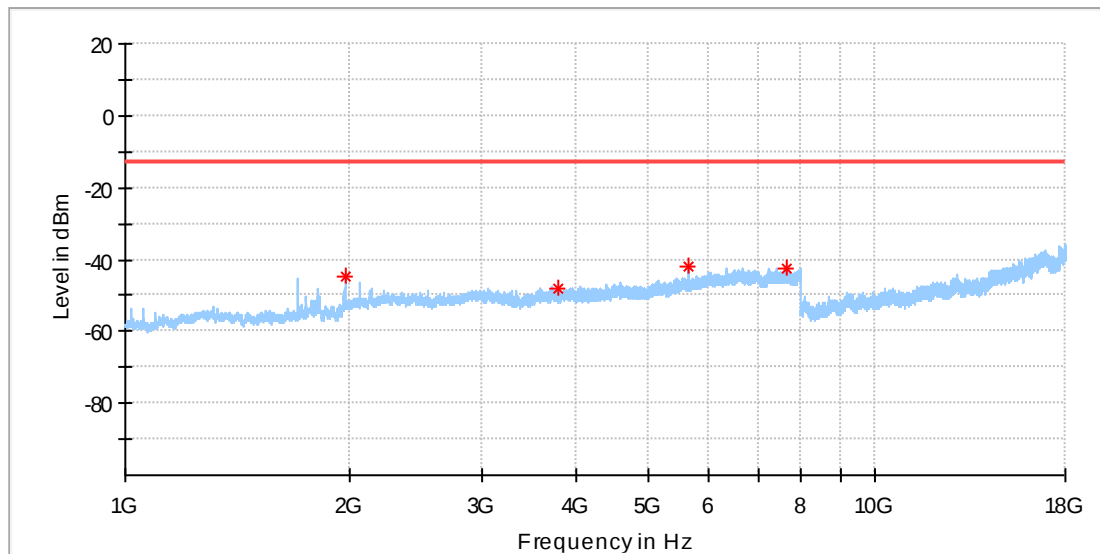
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1807.500000	-39.89	-13.00	26.89	100.0	V	294.0	-90.4
3711.000000	-46.70	-13.00	33.70	100.0	V	130.0	-86.7
5566.000000	-38.47	-13.00	25.47	100.0	V	10.0	-83.3
7600.500000	-42.33	-13.00	29.33	100.0	V	24.0	-79.4

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

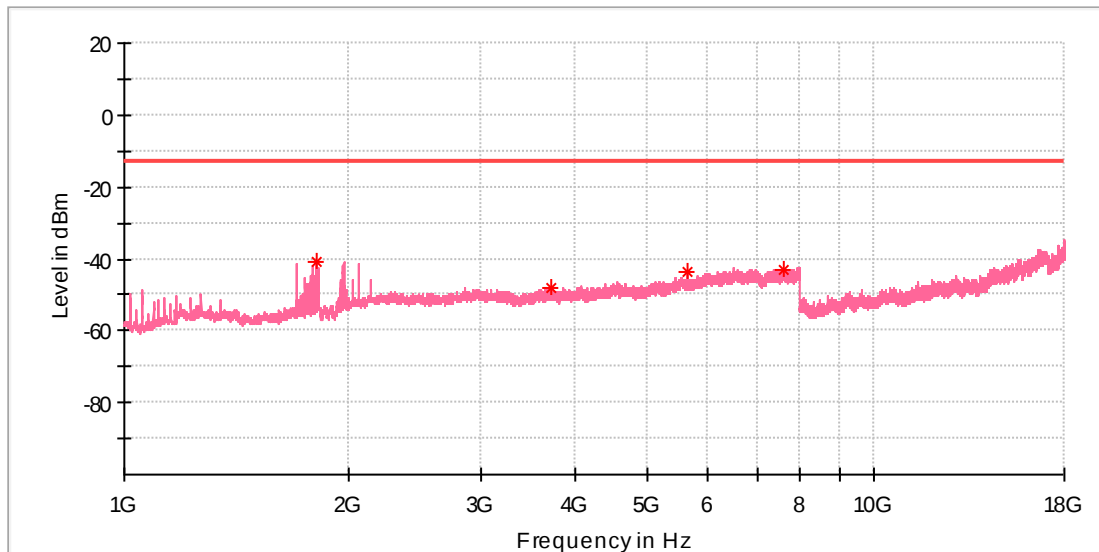


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

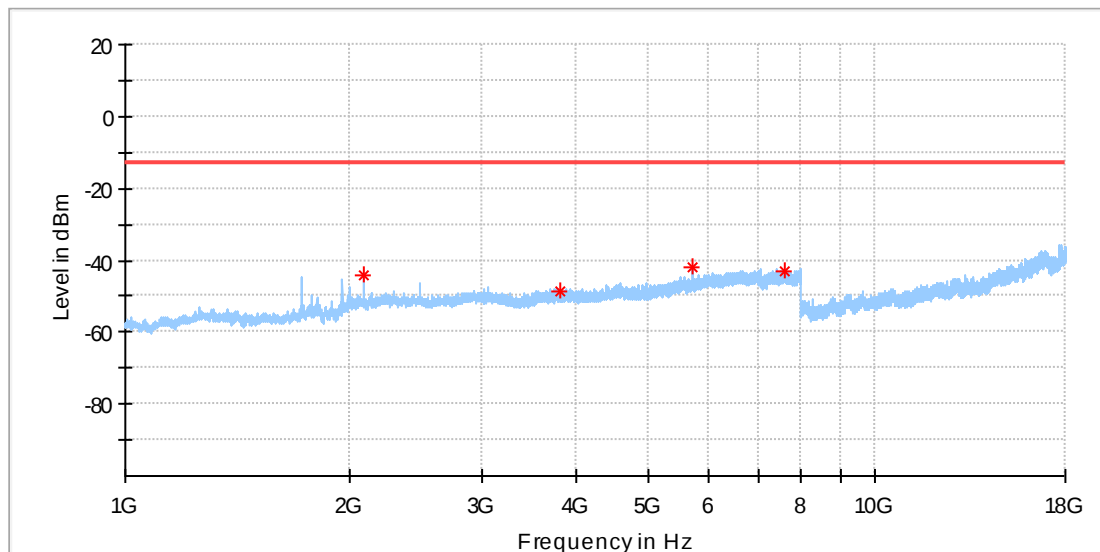
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1812.000000	-40.90	-13.00	27.90	100.0	V	303.0	-90.1
3708.000000	-48.23	-13.00	35.23	100.0	V	178.0	-86.7
5641.000000	-43.82	-13.00	30.82	100.0	V	11.0	-83.8
7604.000000	-42.99	-13.00	29.99	100.0	V	157.0	-79.3

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

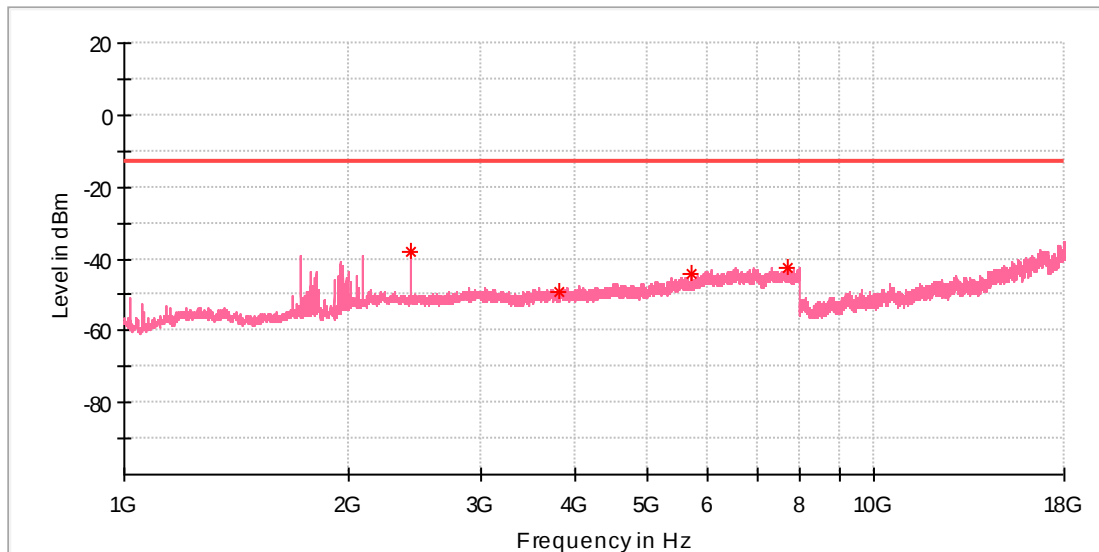


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

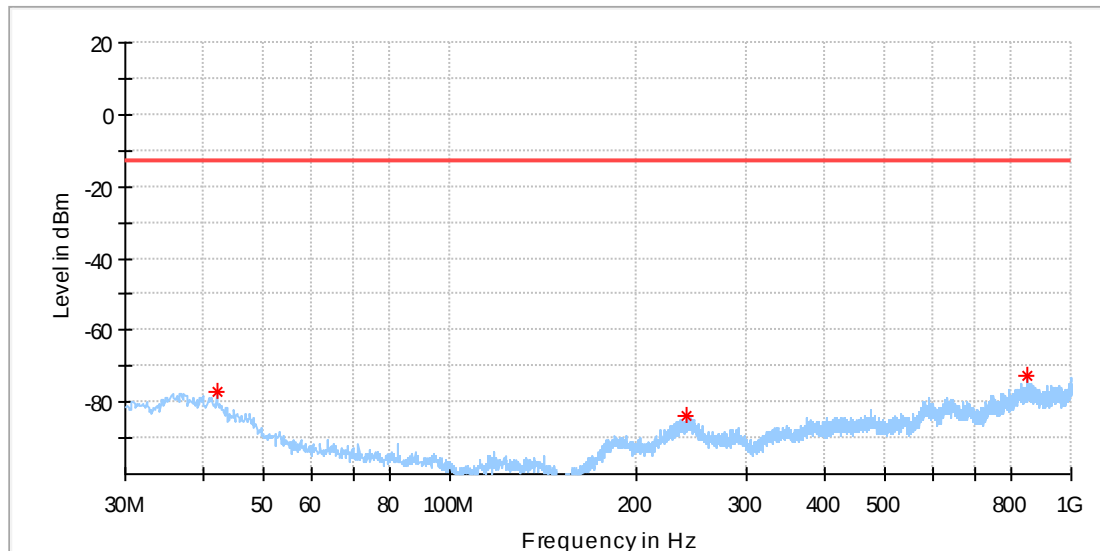
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2416.000000	-37.85	-13.00	24.85	100.0	V	252.0	-88.0
3810.000000	-49.14	-13.00	36.14	100.0	V	182.0	-87.0
5716.500000	-44.24	-13.00	31.24	100.0	V	10.0	-83.6
7678.000000	-42.31	-13.00	29.31	100.0	V	182.0	-79.8

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

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

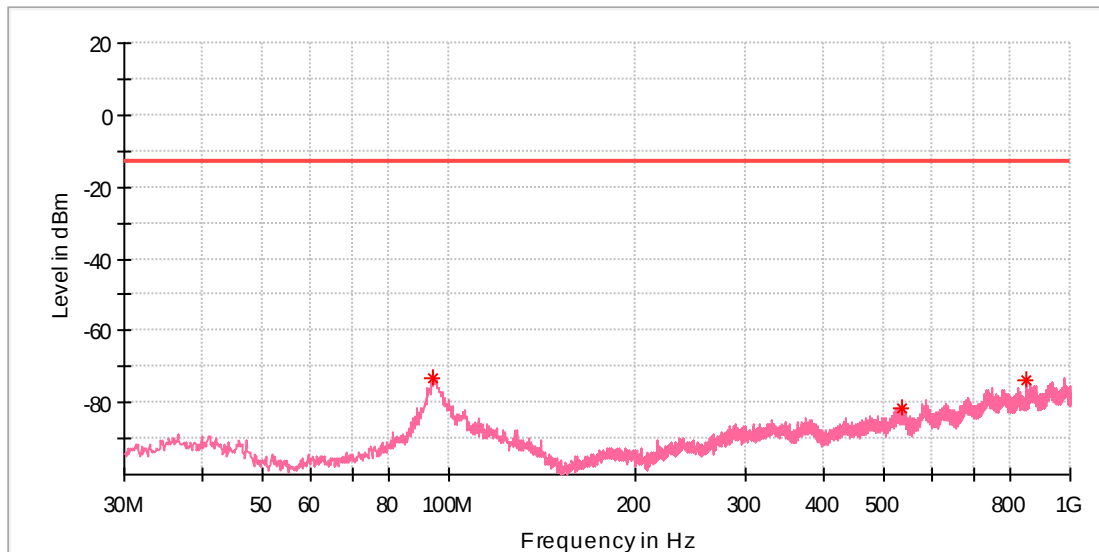


Critical_Freqs

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

EUT Information

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



Critical_Freqs

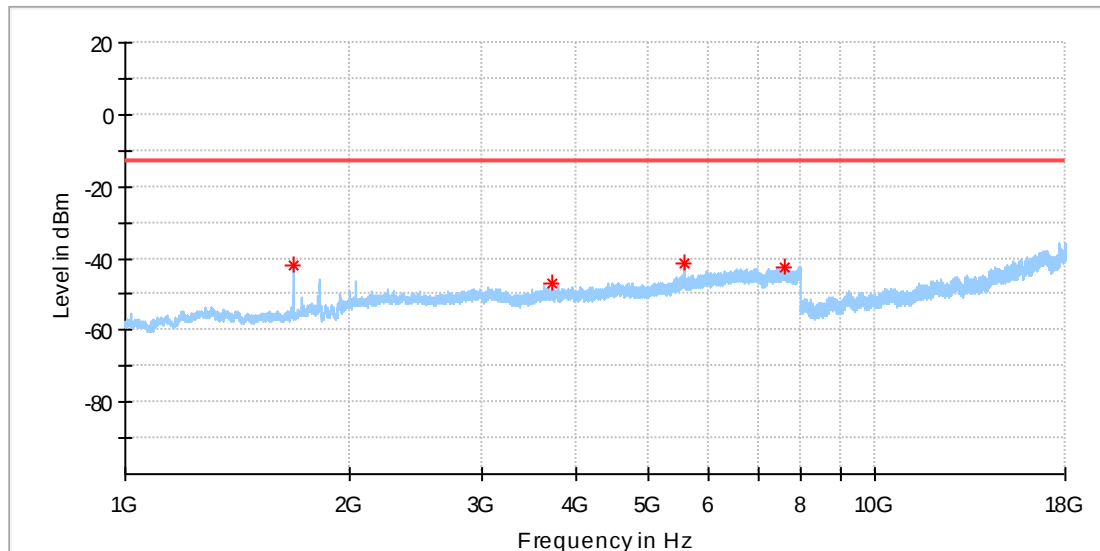
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.020000	-73.20	-13.00	60.20	100.0	V	88.0	-99.9
534.642500	-81.34	-13.00	68.34	100.0	V	227.0	-107.6
851.590000	-74.02	-13.00	61.02	100.0	V	57.0	-102.2

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

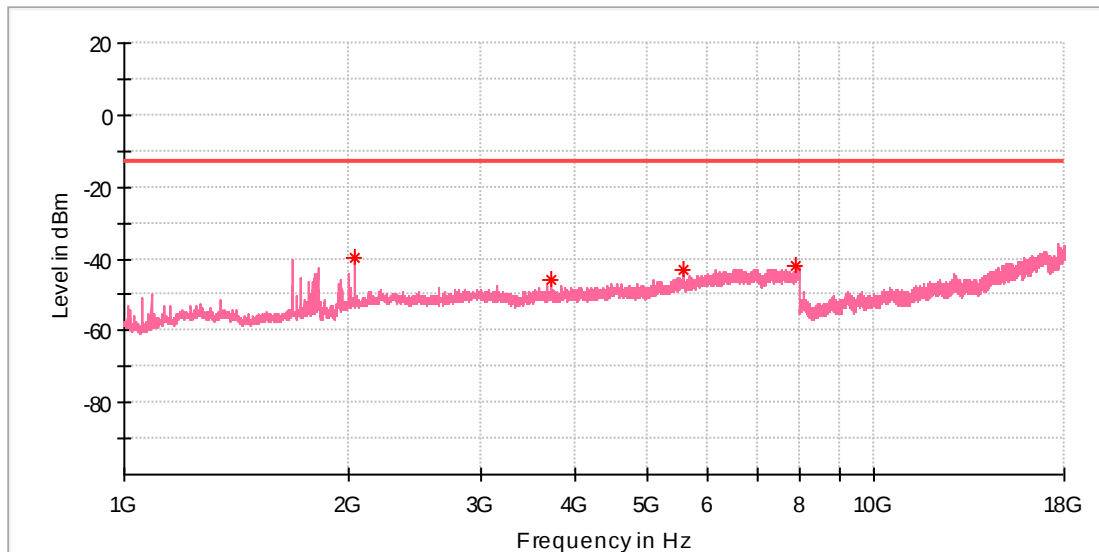


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

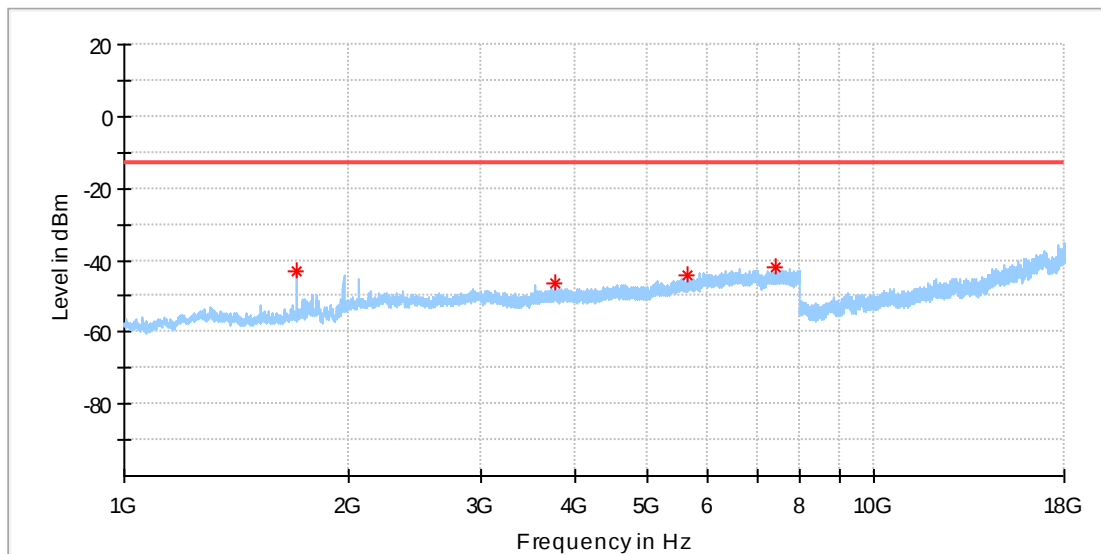
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2032.000000	-39.82	-13.00	26.82	100.0	V	305.0	-88.7
3710.500000	-46.09	-13.00	33.09	100.0	V	286.0	-86.7
5566.000000	-42.80	-13.00	29.80	100.0	V	95.0	-83.3
7880.000000	-42.20	-13.00	29.20	100.0	V	348.0	-79.5

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

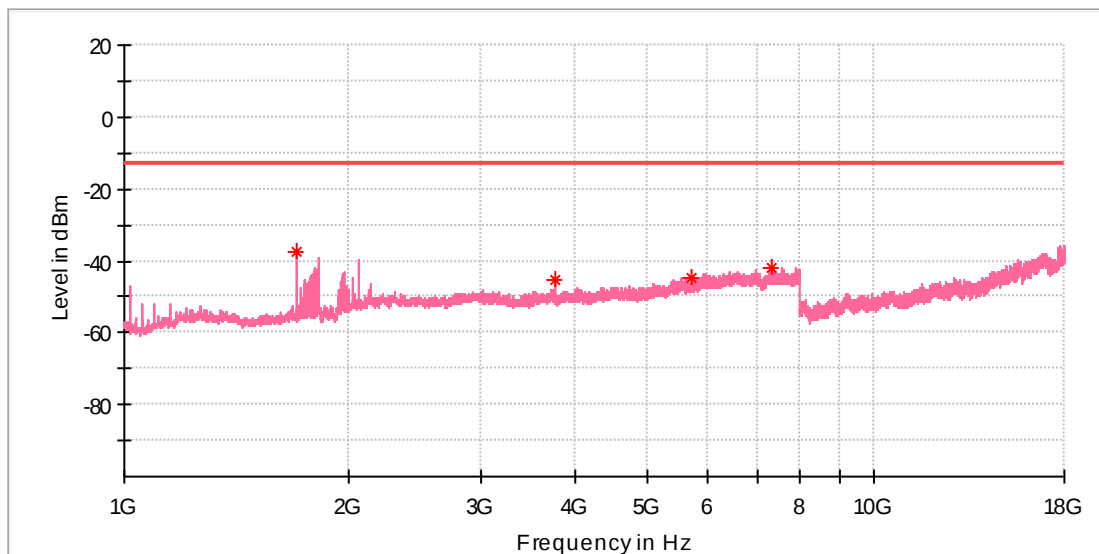


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

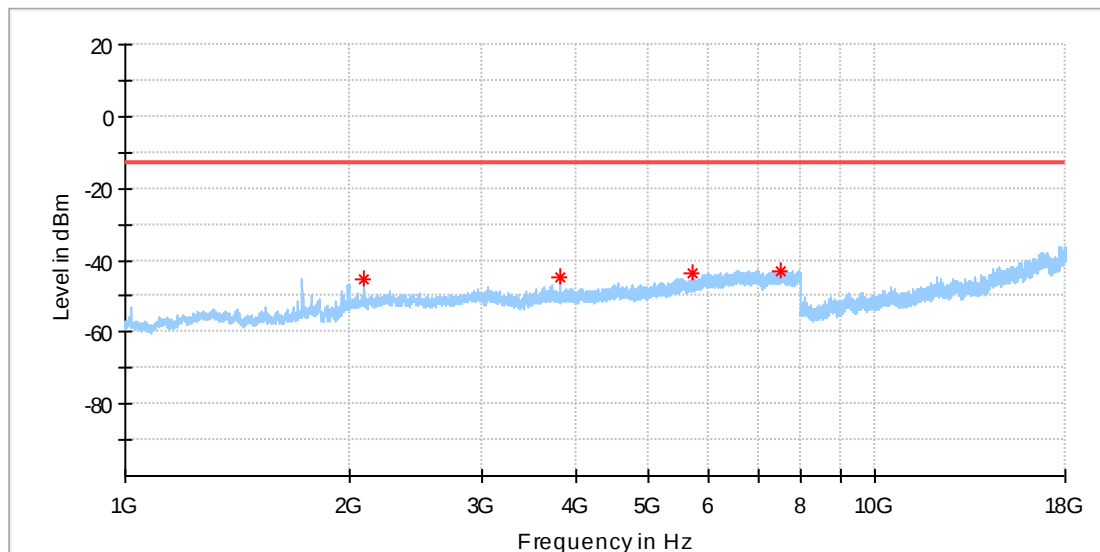
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1701.500000	-37.69	-13.00	24.69	100.0	V	174.0	-92.0
3760.500000	-45.57	-13.00	32.57	100.0	V	133.0	-87.0
5705.000000	-44.68	-13.00	31.68	100.0	V	237.0	-83.5
7316.000000	-41.74	-13.00	28.74	100.0	V	237.0	-79.8

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

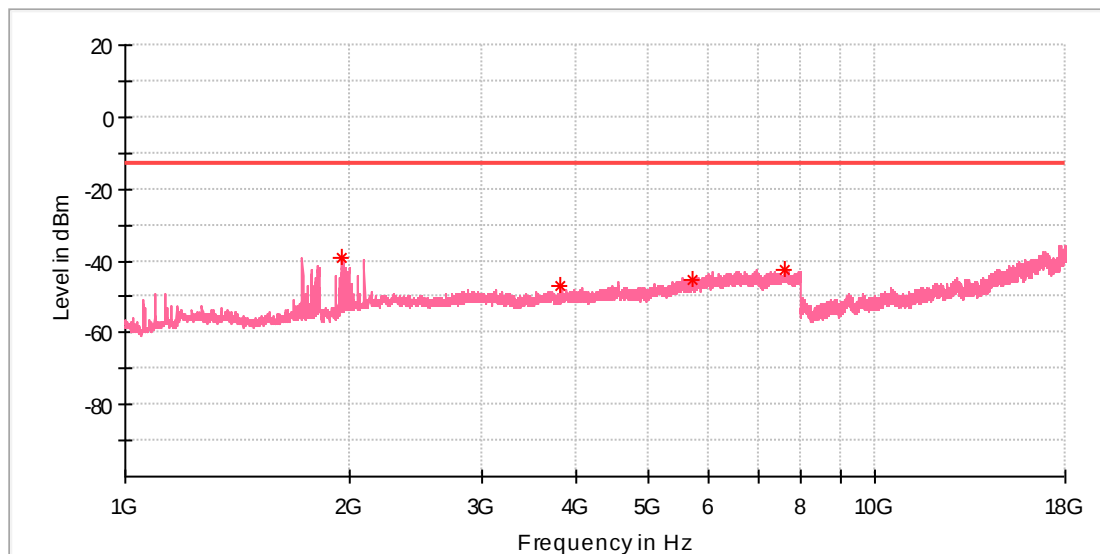


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

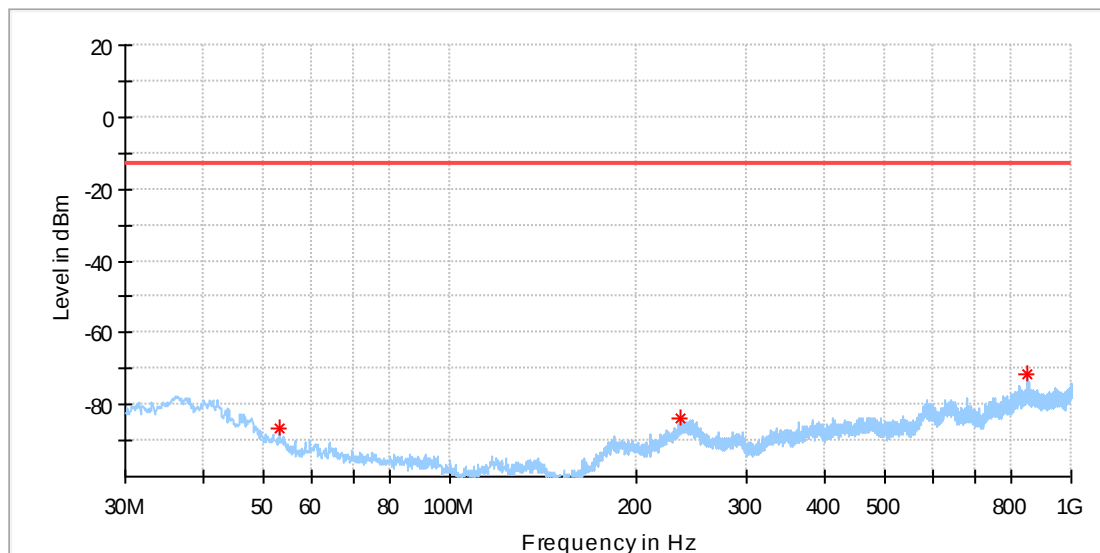
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1949.500000	-39.38	-13.00	26.38	100.0	V	311.0	-89.6
3812.000000	-46.76	-13.00	33.76	100.0	V	79.0	-87.0
5714.500000	-45.26	-13.00	32.26	100.0	V	141.0	-83.6
7592.000000	-42.78	-13.00	29.78	100.0	V	93.0	-79.4

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

Test Result of QPSK modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



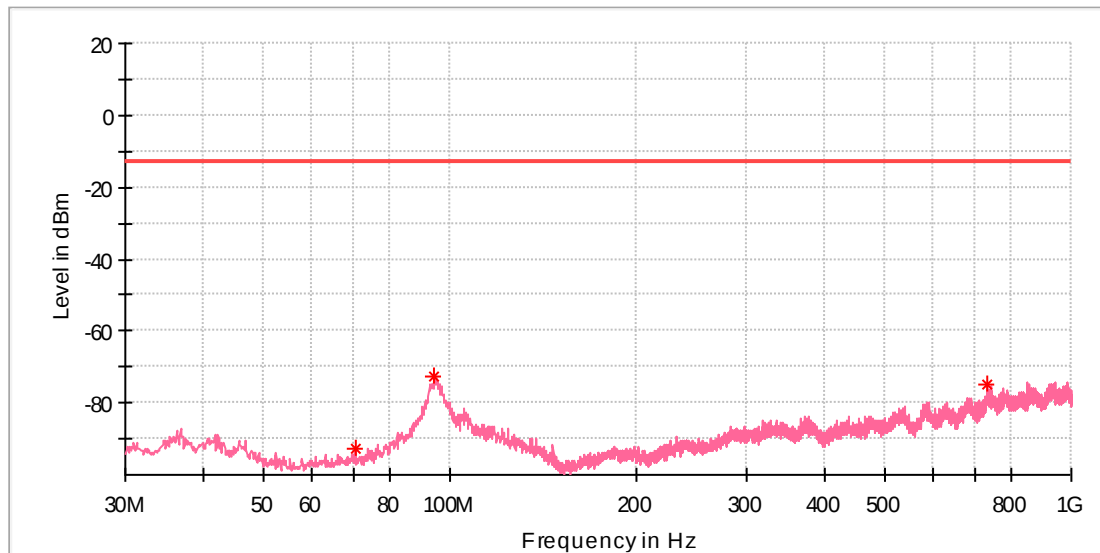
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
53.158750	-86.77	-13.00	73.77	100.0	H	172.0	-115.8
234.670000	-83.73	-13.00	70.73	100.0	H	140.0	-111.6
851.590000	-71.80	-13.00	58.80	100.0	H	60.0	-100.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

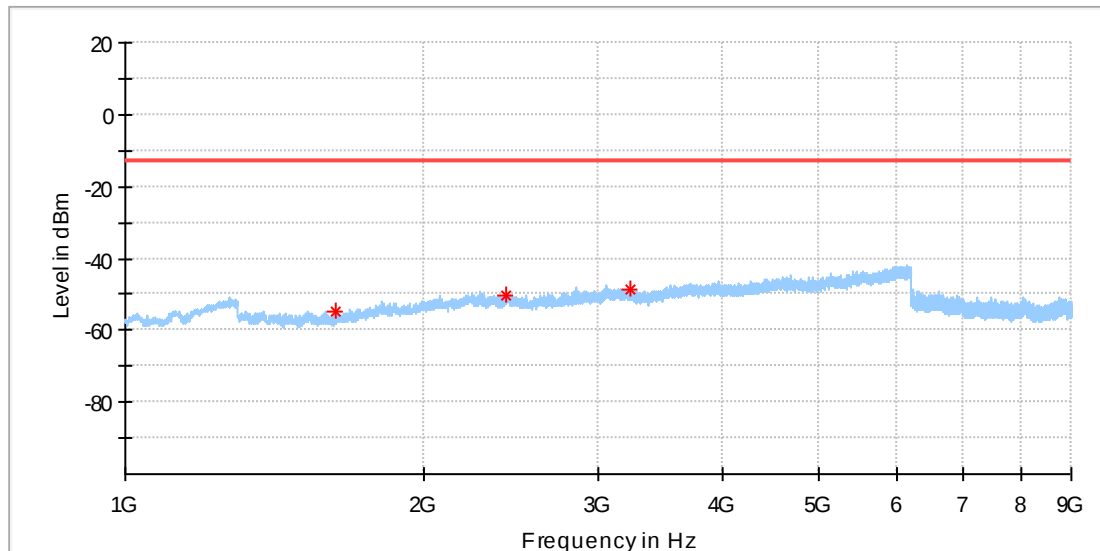
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
70.255000	-92.85	-13.00	79.85	100.0	V	150.0	-122.7
94.141250	-72.61	-13.00	59.61	100.0	V	97.0	-99.7
734.462500	-74.73	-13.00	61.73	100.0	V	25.0	-102.6

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

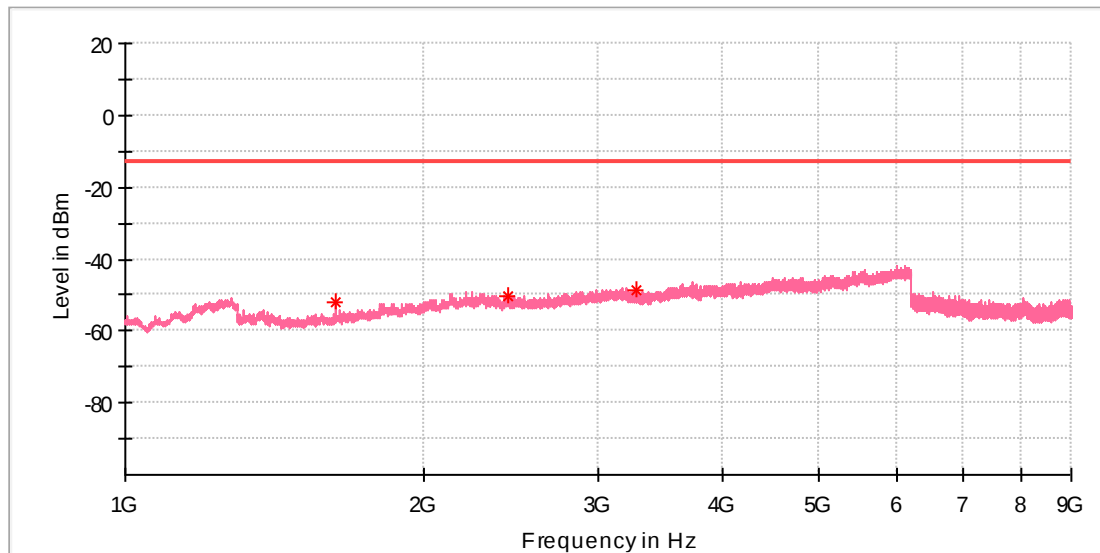


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

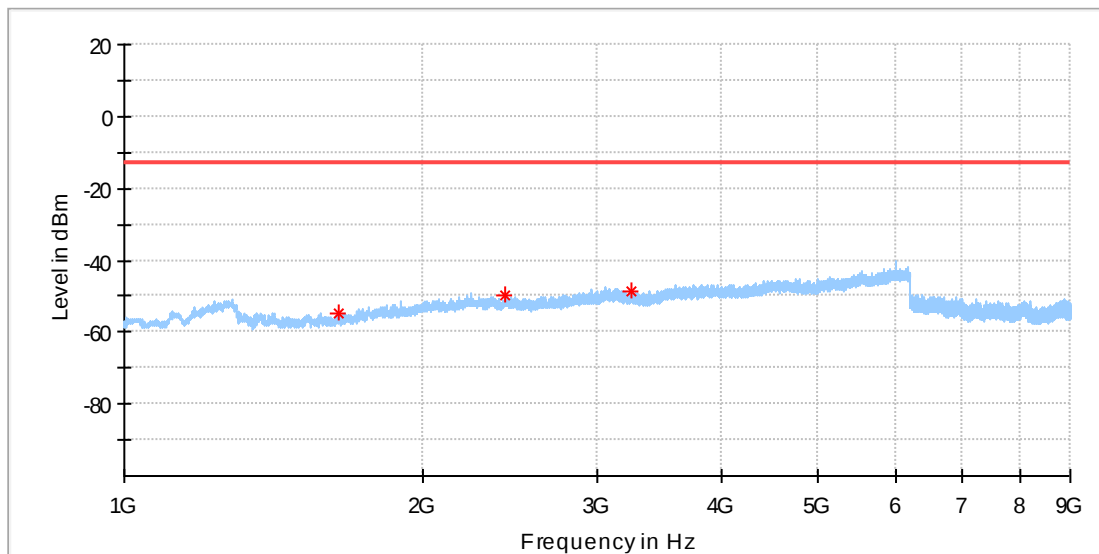
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.000000	-51.99	-13.00	38.99	100.0	V	309.0	-92.6
2435.000000	-50.32	-13.00	37.32	100.0	V	51.0	-88.0
3271.000000	-48.61	-13.00	35.61	100.0	V	163.0	-86.9

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

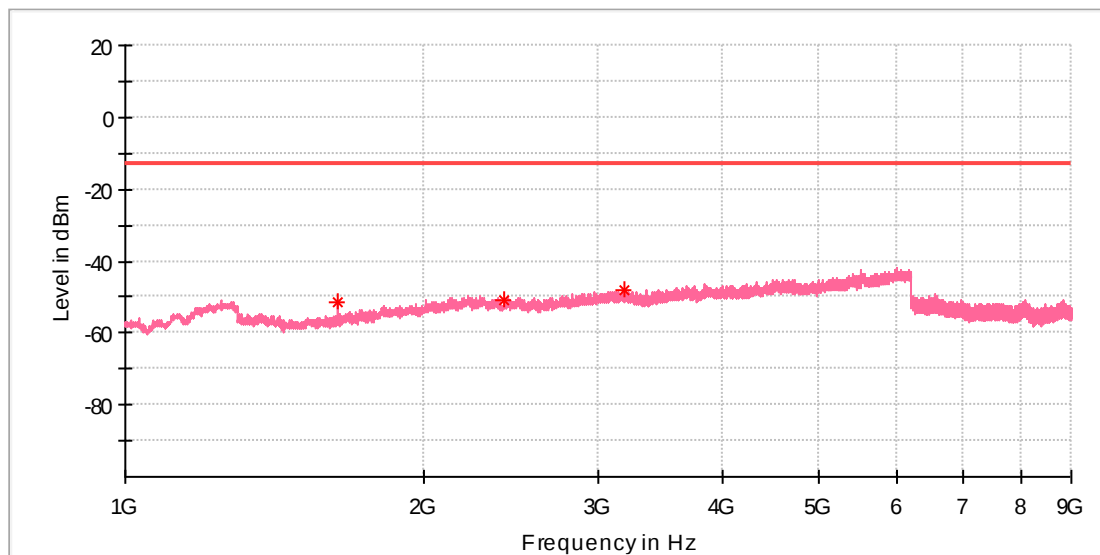


Critical_Freqs

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

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

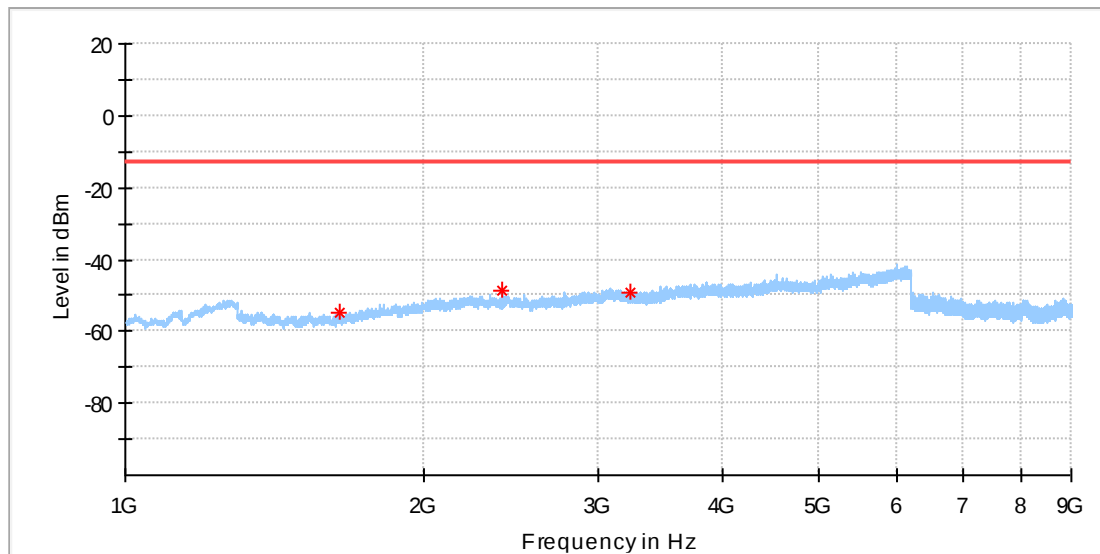
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.500000	-51.25	-13.00	38.25	100.0	V	122.0	-92.5
2409.000000	-50.82	-13.00	37.82	100.0	V	87.0	-88.1
3193.500000	-47.97	-13.00	34.97	100.0	V	253.0	-86.3

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



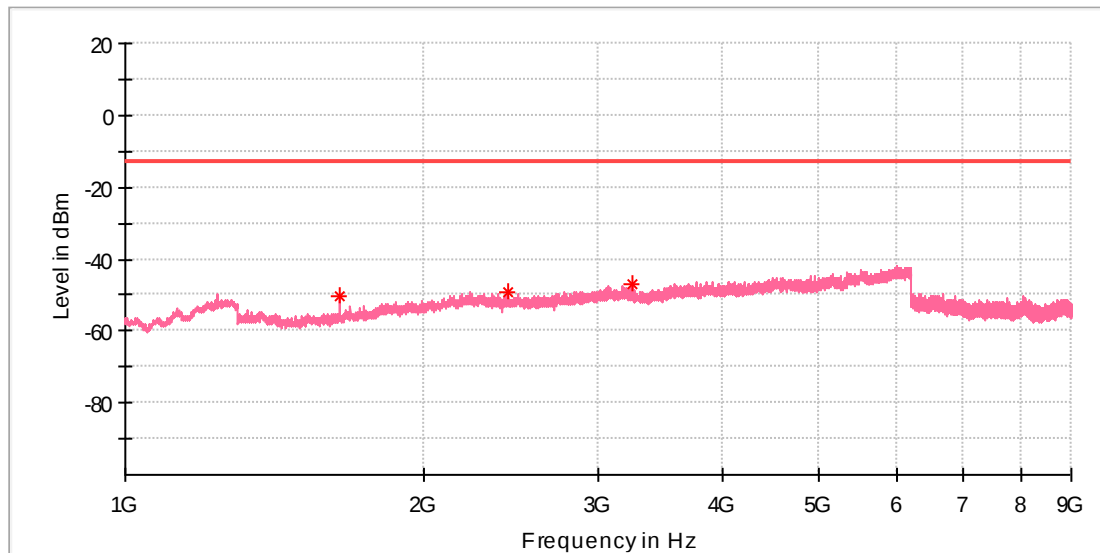
Critical_Freqs

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

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

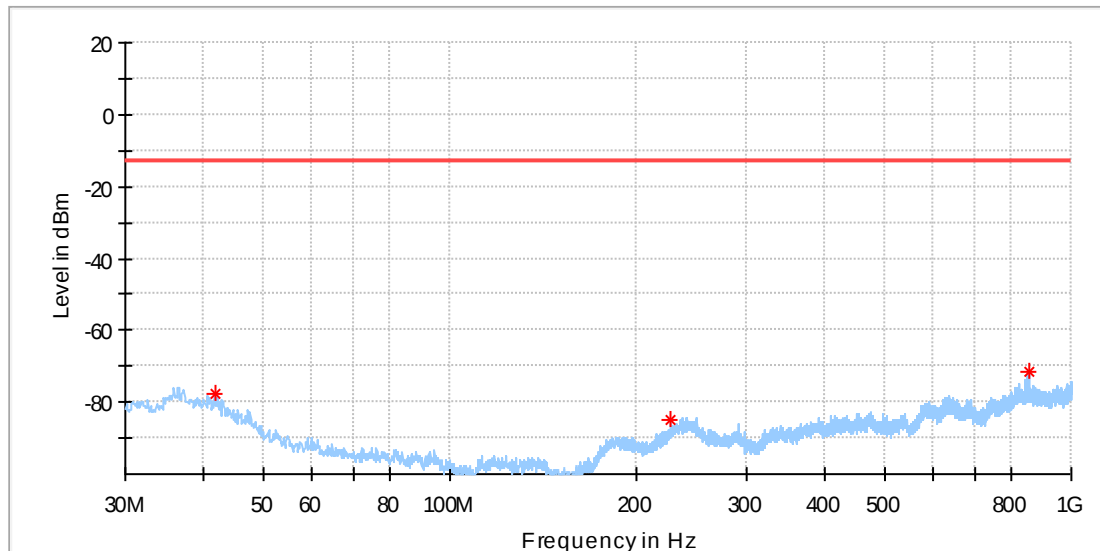
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1645.500000	-50.52	-13.00	37.52	100.0	V	87.0	-92.4
2427.500000	-48.94	-13.00	35.94	100.0	V	267.0	-87.9
3240.500000	-47.04	-13.00	34.04	100.0	V	121.0	-86.7

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



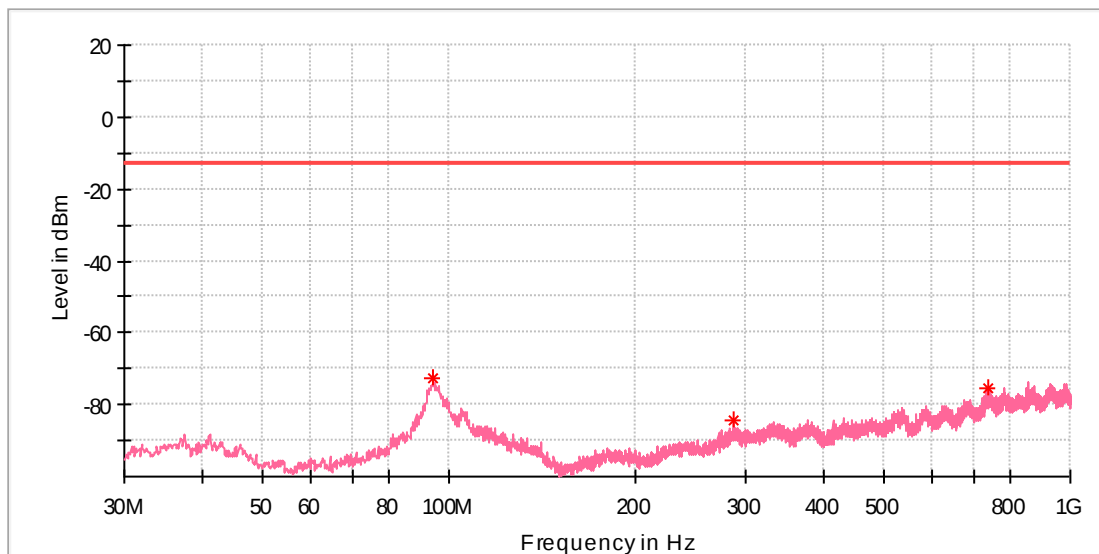
Critical_Freqs

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

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

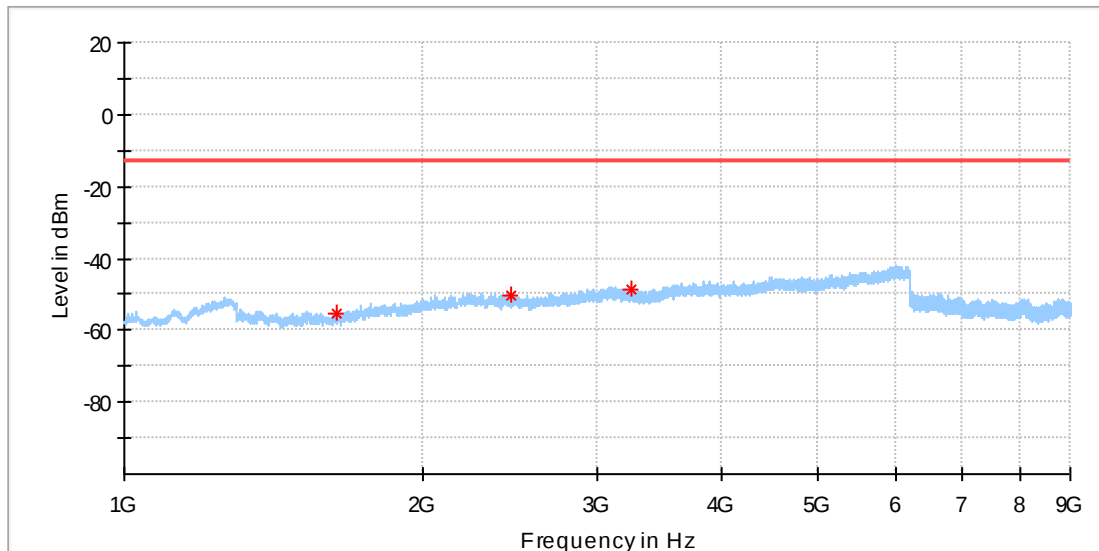
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.262500	-72.62	-13.00	59.62	100.0	V	267.0	-99.6
286.686250	-84.34	-13.00	71.34	100.0	V	0.0	-113.2
740.161250	-75.46	-13.00	62.46	100.0	V	339.0	-102.0

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



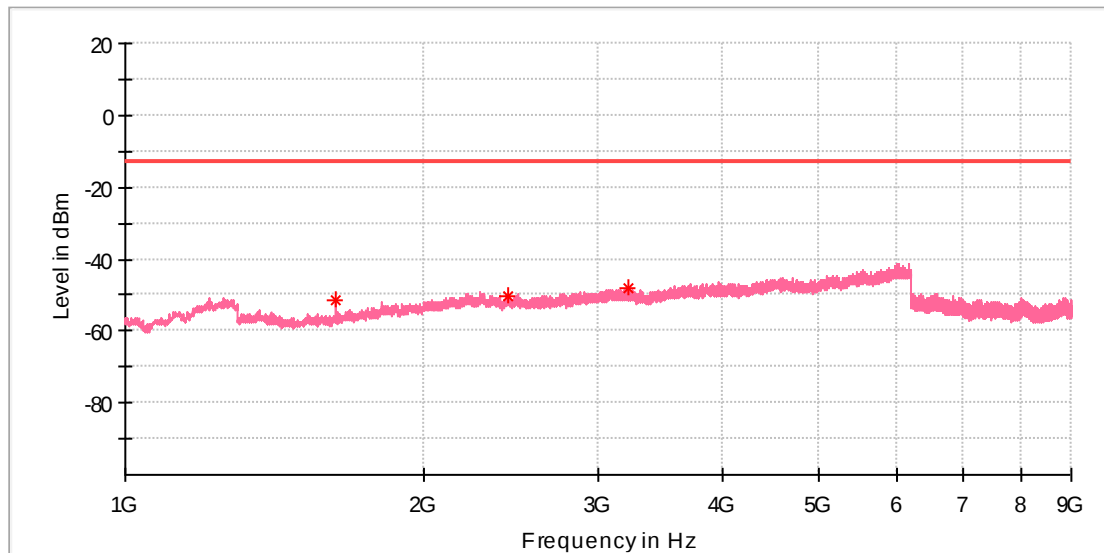
Critical_Freqs

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

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

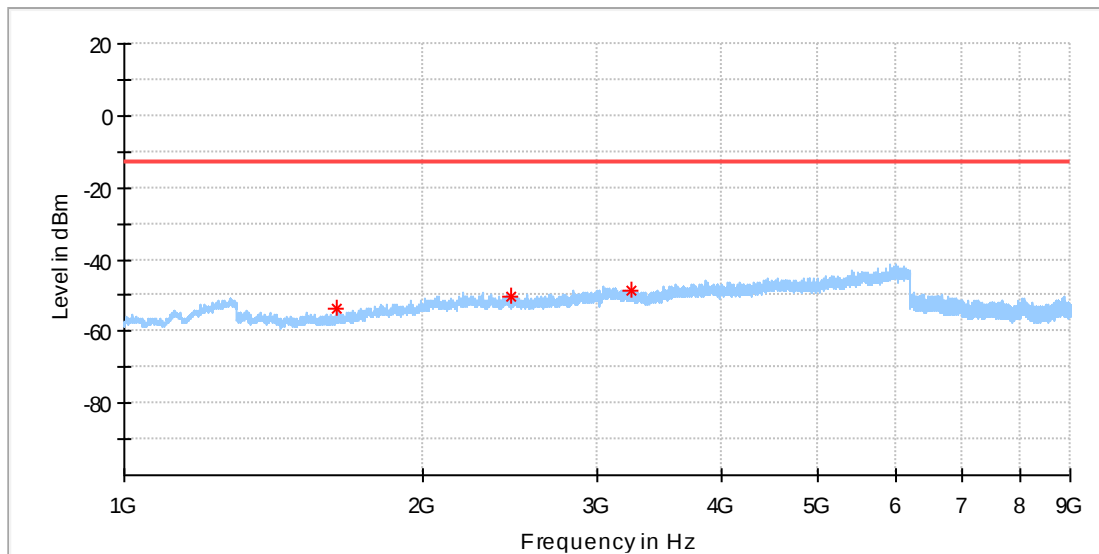
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.500000	-51.35	-13.00	38.35	100.0	V	106.0	-92.6
2429.500000	-50.13	-13.00	37.13	100.0	V	210.0	-88.0
3217.500000	-48.08	-13.00	35.08	100.0	V	113.0	-86.5

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



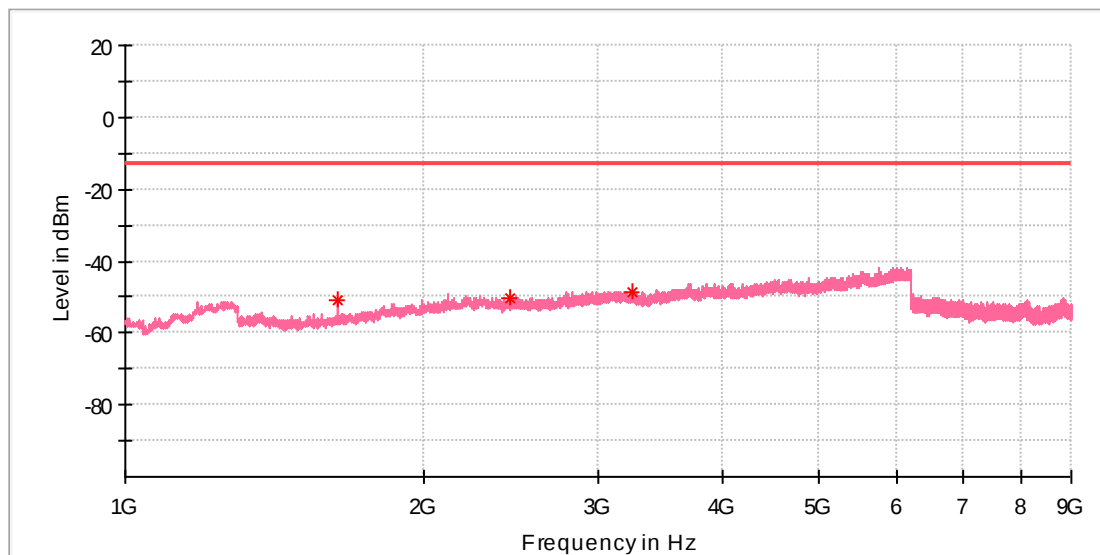
Critical_Freqs

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

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

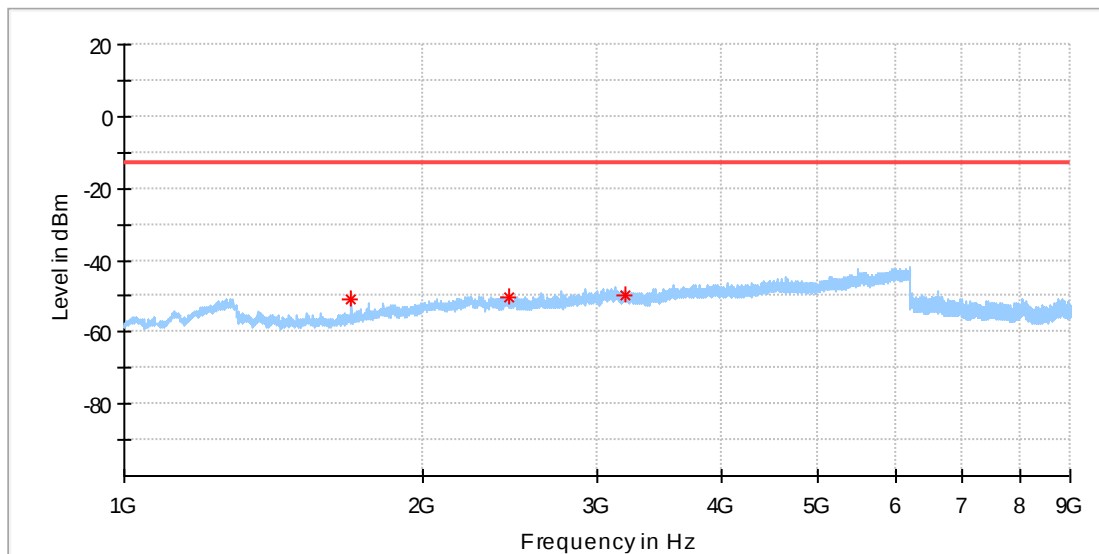
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.000000	-51.14	-13.00	38.14	100.0	V	266.0	-92.5
2442.500000	-50.51	-13.00	37.51	100.0	V	10.0	-88.1
3250.500000	-48.61	-13.00	35.61	100.0	V	196.0	-86.8

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



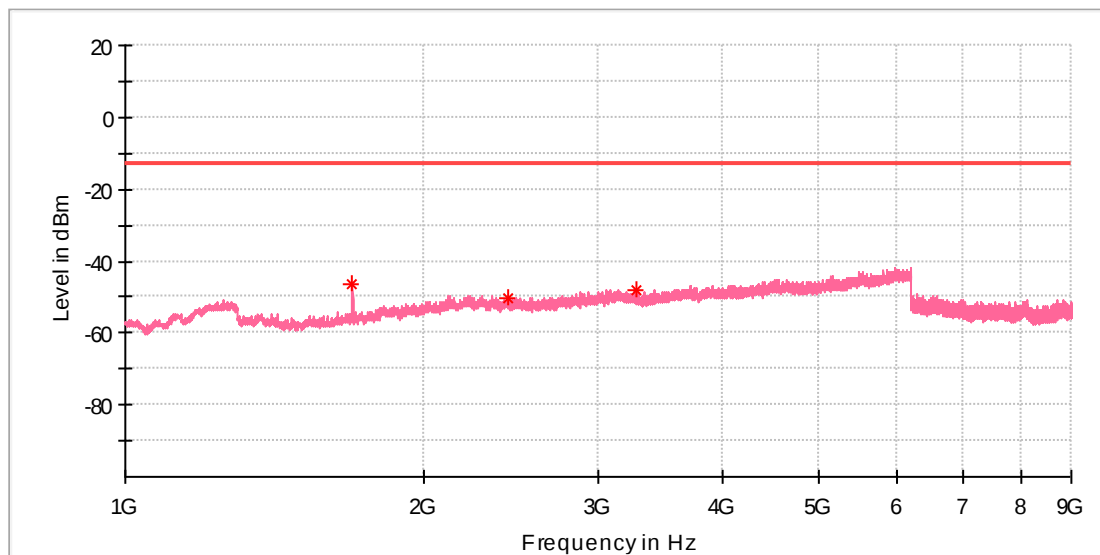
Critical_Freqs

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

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

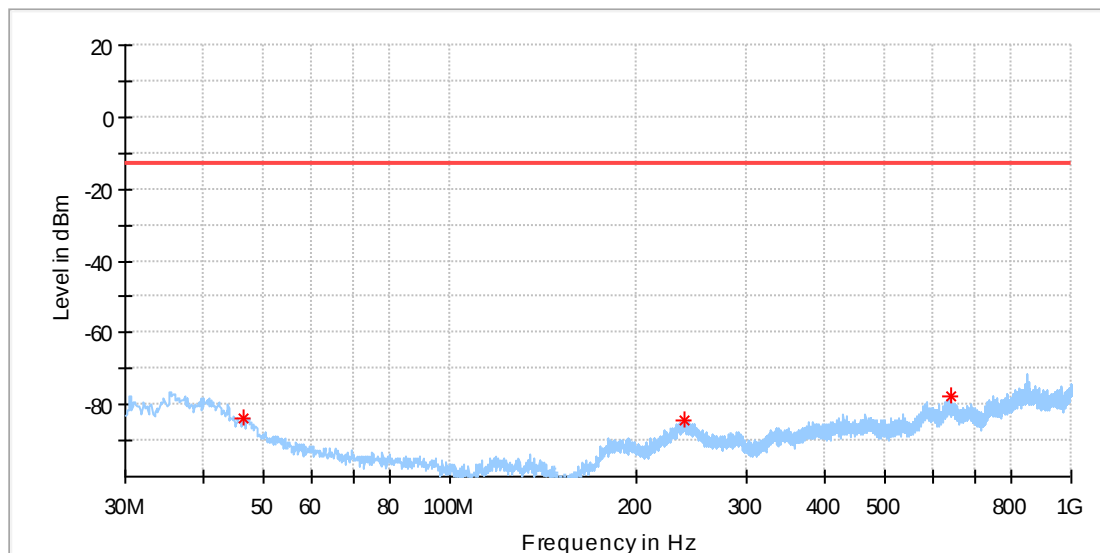
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-46.54	-13.00	33.54	100.0	V	338.0	-92.1
2432.000000	-50.17	-13.00	37.17	100.0	V	67.0	-88.0
3281.500000	-48.16	-13.00	35.16	100.0	V	74.0	-87.1

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

Test Result of QPSK modulation
Below 1 GHz

EUT Information

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

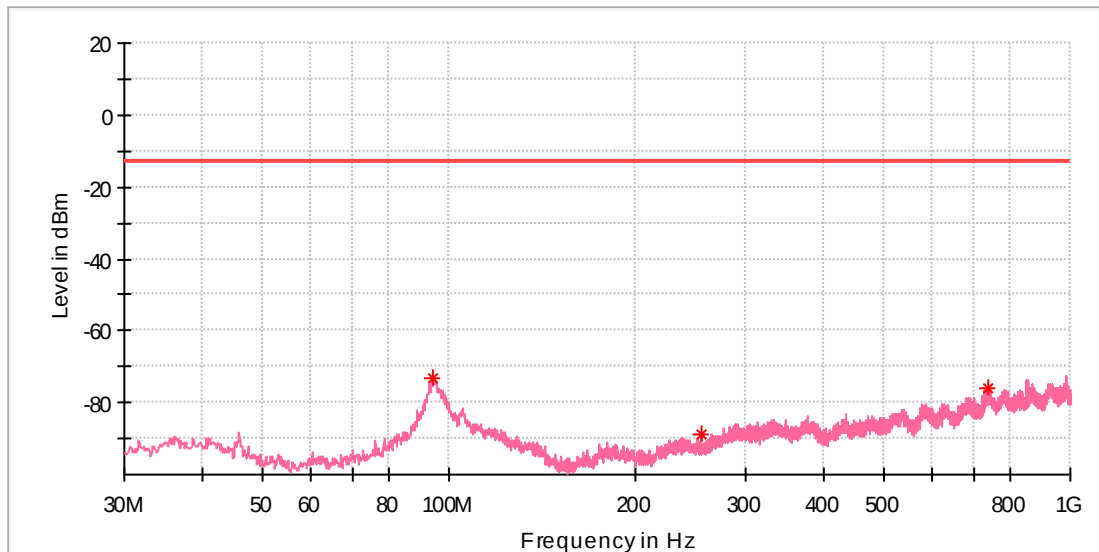


Critical_Freqs

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

EUT Information

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



Critical_Freqs

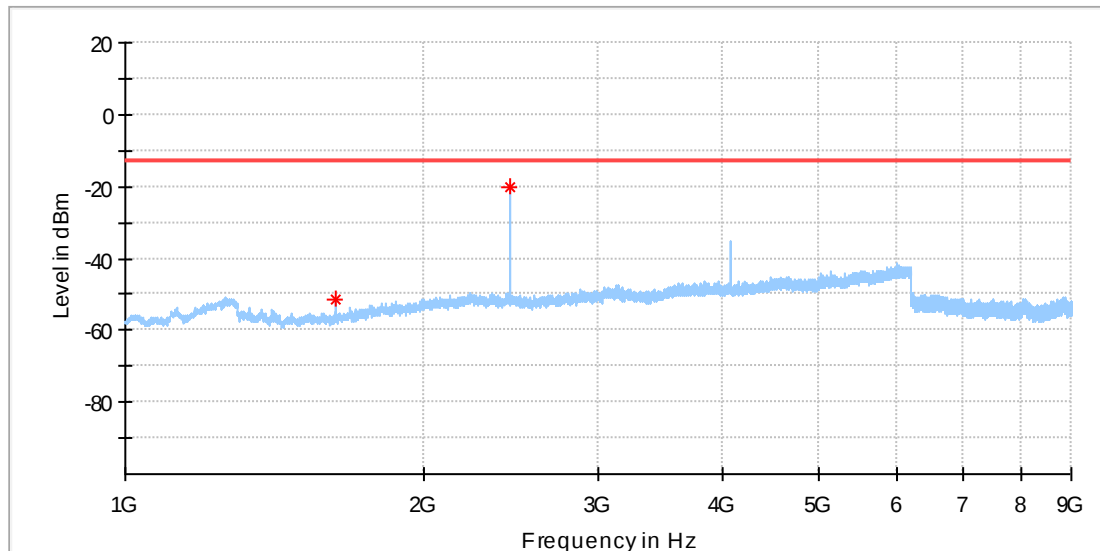
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.898750	-72.97	-13.00	59.97	100.0	V	323.0	-100.1
254.191250	-88.68	-13.00	75.68	100.0	V	128.0	-114.2
736.281250	-76.16	-13.00	63.16	100.0	V	269.0	-102.3

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



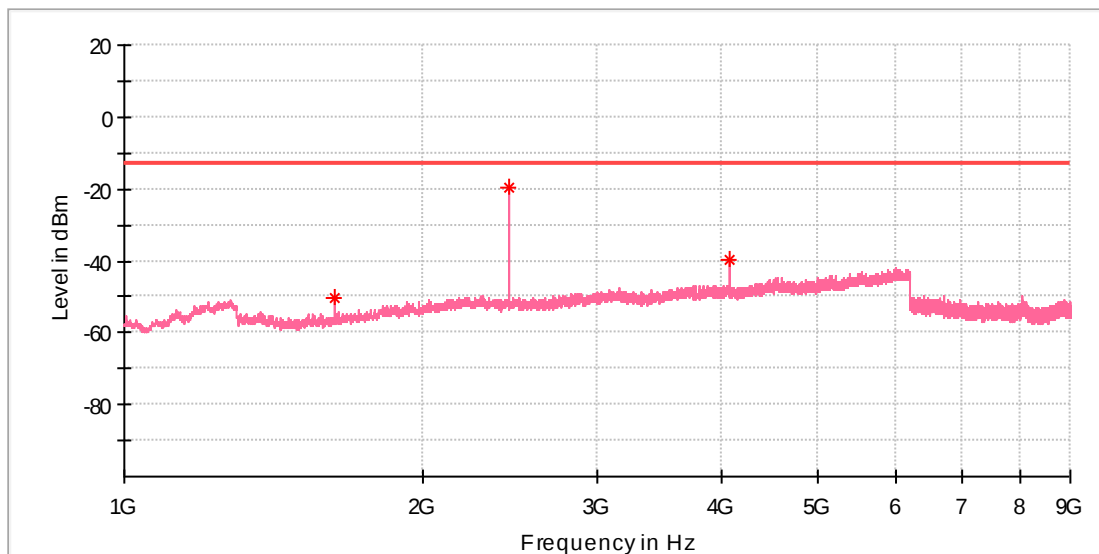
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.500000	-51.37	-13.00	38.37	100.0	H	46.0	-92.9
2442.500000	-20.18	-13.00	7.18	100.0	H	303.0	-87.7

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

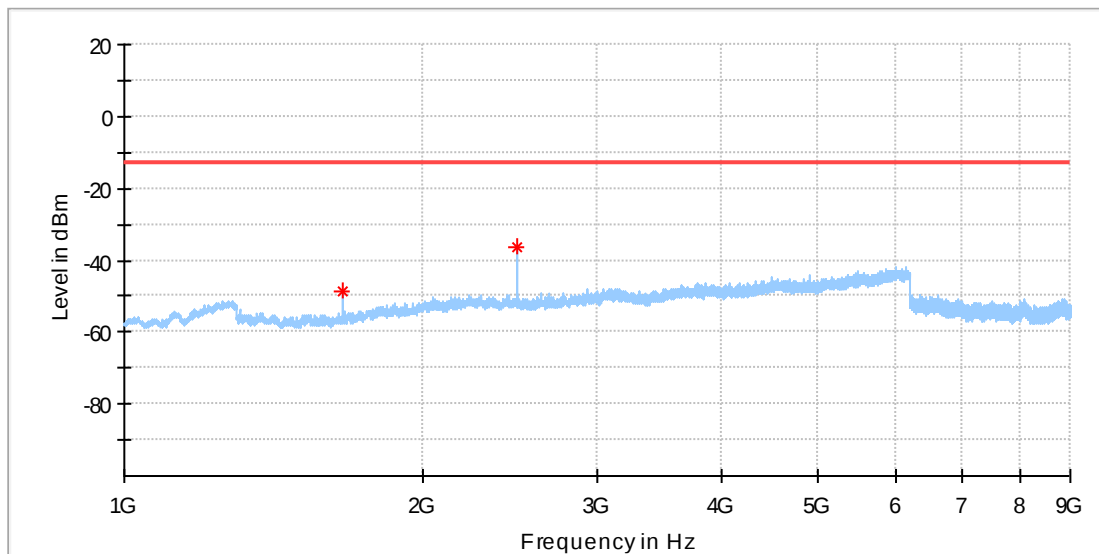
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.000000	-50.47	-13.00	37.47	100.0	V	71.0	-92.6
2442.500000	-19.86	-13.00	6.86	100.0	V	92.0	-88.1
4071.000000	-39.83	-13.00	26.83	100.0	V	133.0	-84.9

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



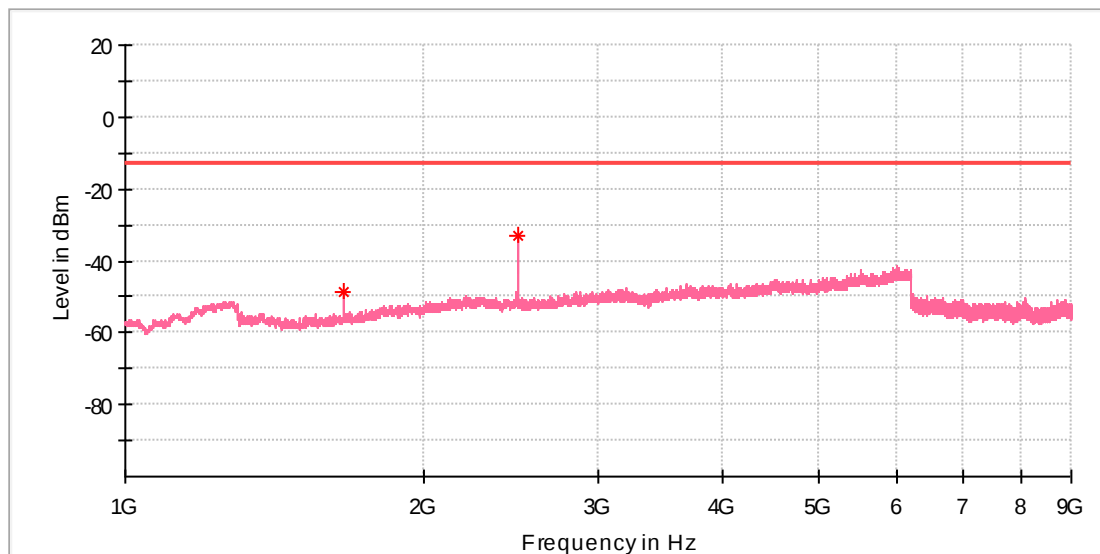
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1662.000000	-48.57	-13.00	35.57	100.0	H	81.0	-92.7
2493.000000	-36.19	-13.00	23.19	100.0	H	351.0	-88.2

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

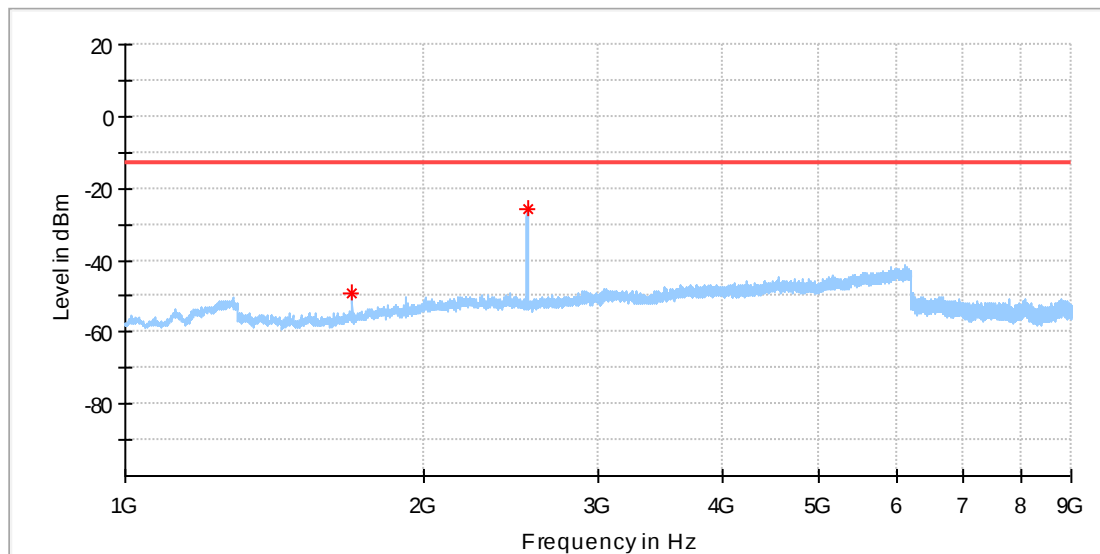
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1662.000000	-48.39	-13.00	35.39	100.0	V	4.0	-92.3
2493.000000	-32.94	-13.00	19.94	100.0	V	120.0	-88.0

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



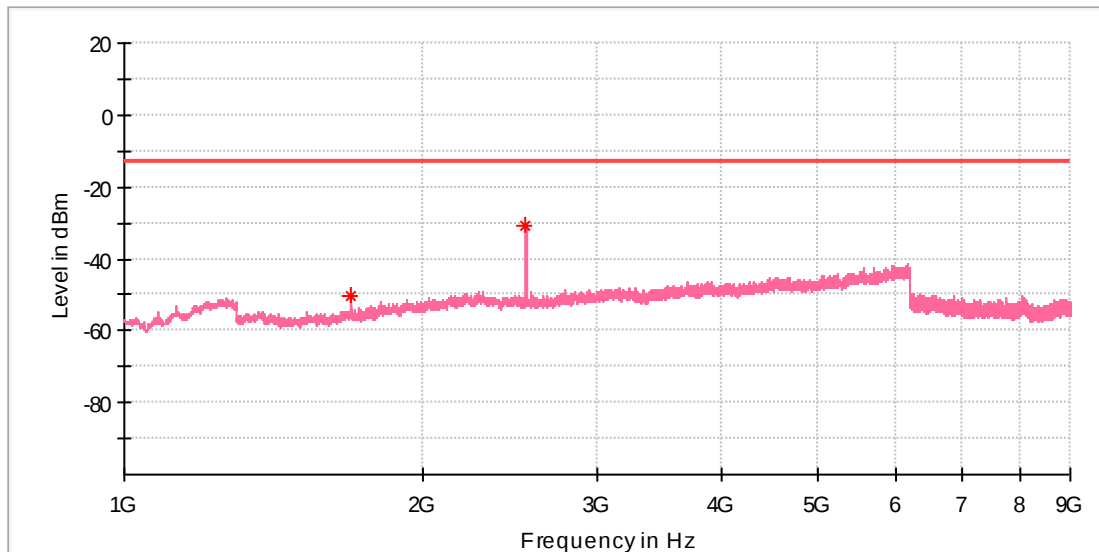
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-49.39	-13.00	36.39	100.0	H	87.0	-92.4
2543.500000	-25.76	-13.00	12.76	100.0	H	32.0	-88.3

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

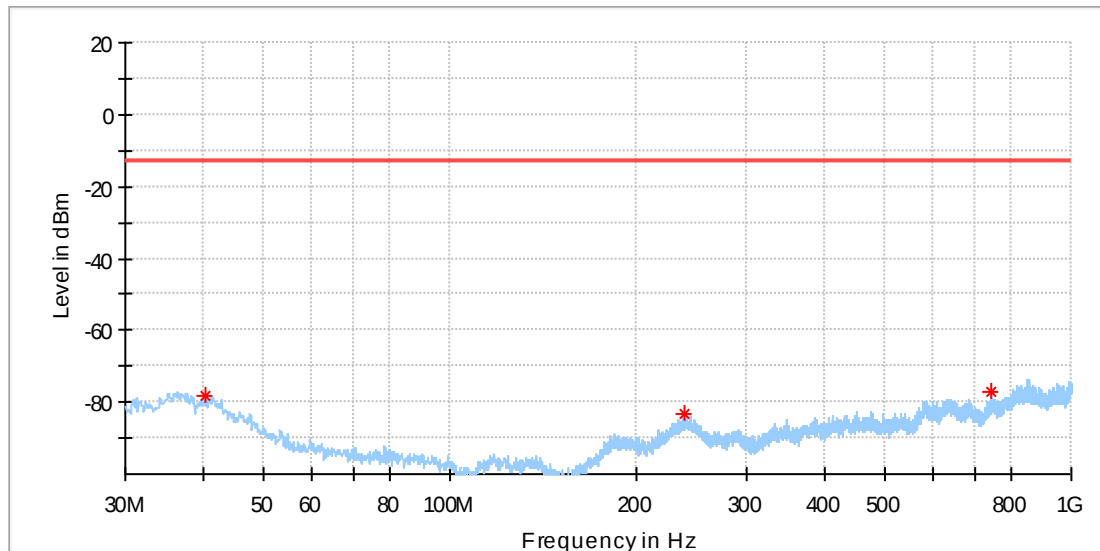
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.000000	-50.56	-13.00	37.56	100.0	V	161.0	-92.1
2543.000000	-30.75	-13.00	17.75	100.0	V	266.0	-88.4

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

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

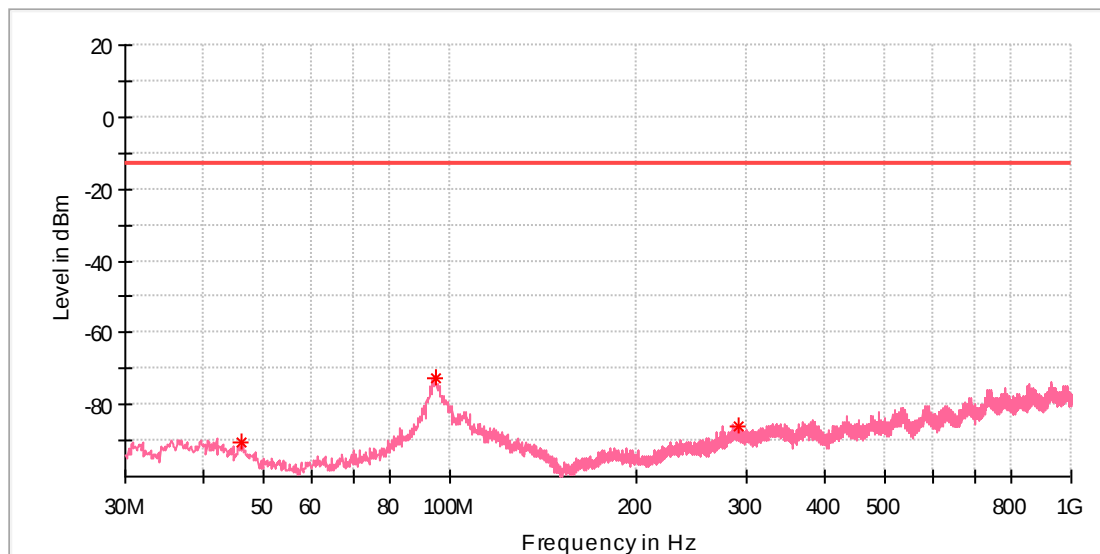


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
40.427500	-78.35	-13.00	65.35	100.0	H	340.0	-112.8
237.580000	-83.34	-13.00	70.34	100.0	H	78.0	-110.9
742.586250	-77.11	-13.00	64.11	100.0	H	109.0	-104.5

EUT Information

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



Critical_Freqs

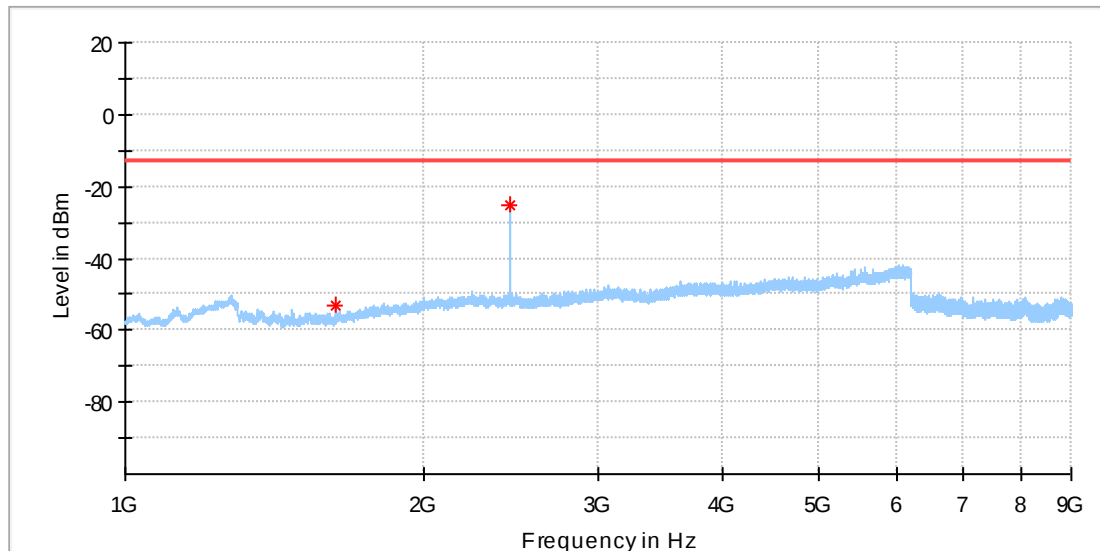
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
46.247500	-90.49	-13.00	77.49	100.0	V	248.0	-121.5
94.626250	-72.55	-13.00	59.55	100.0	V	48.0	-99.6
290.445000	-86.23	-13.00	73.23	100.0	V	207.0	-112.5

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

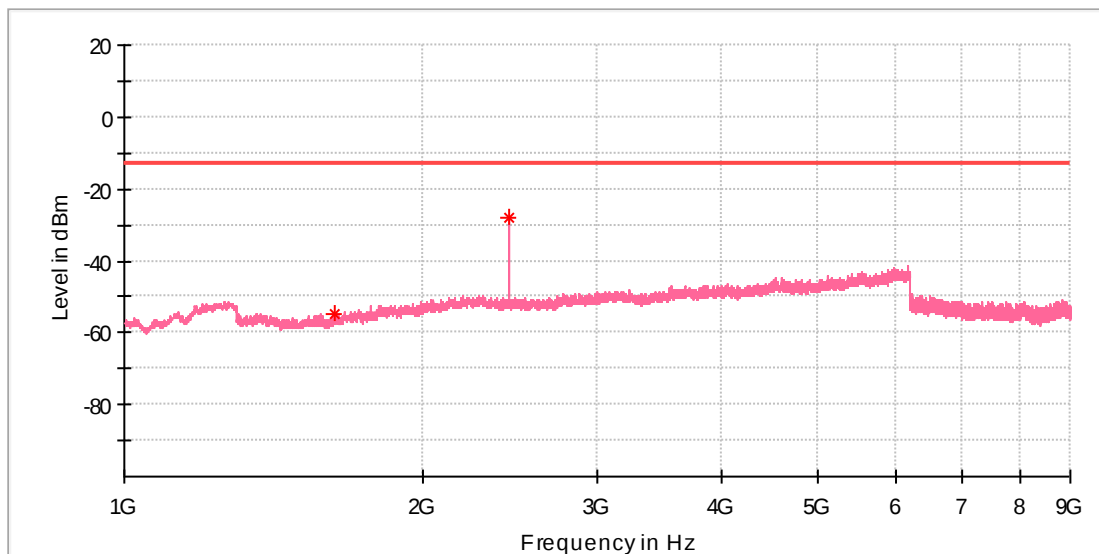


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.500000	-53.11	-13.00	40.11	100.0	H	217.0	-92.9
2443.000000	-25.21	-13.00	12.21	100.0	H	93.0	-87.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

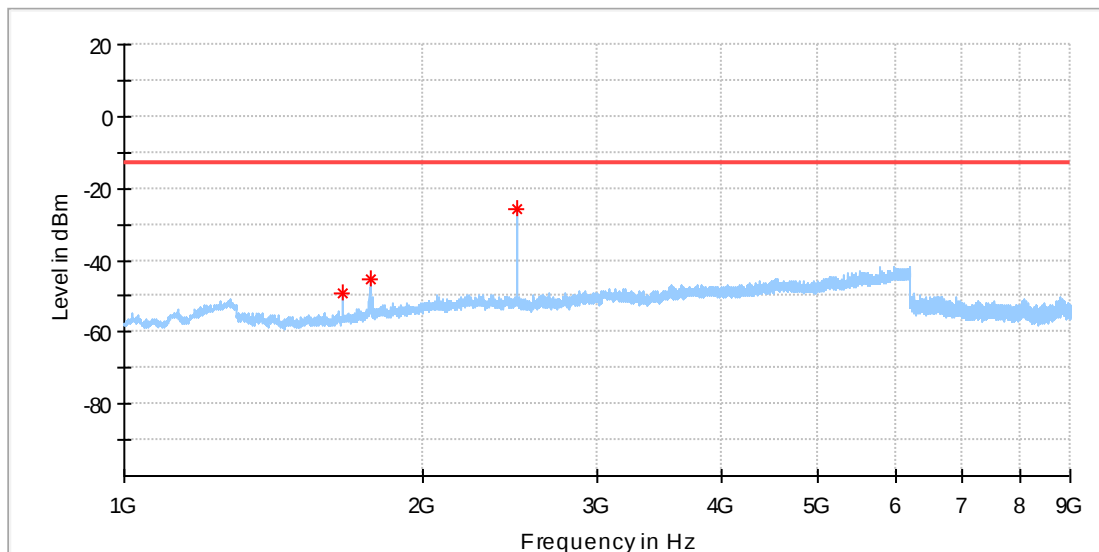
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.500000	-54.81	-13.00	41.81	100.0	V	251.0	-92.6
2442.500000	-27.89	-13.00	14.89	100.0	V	107.0	-88.1

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

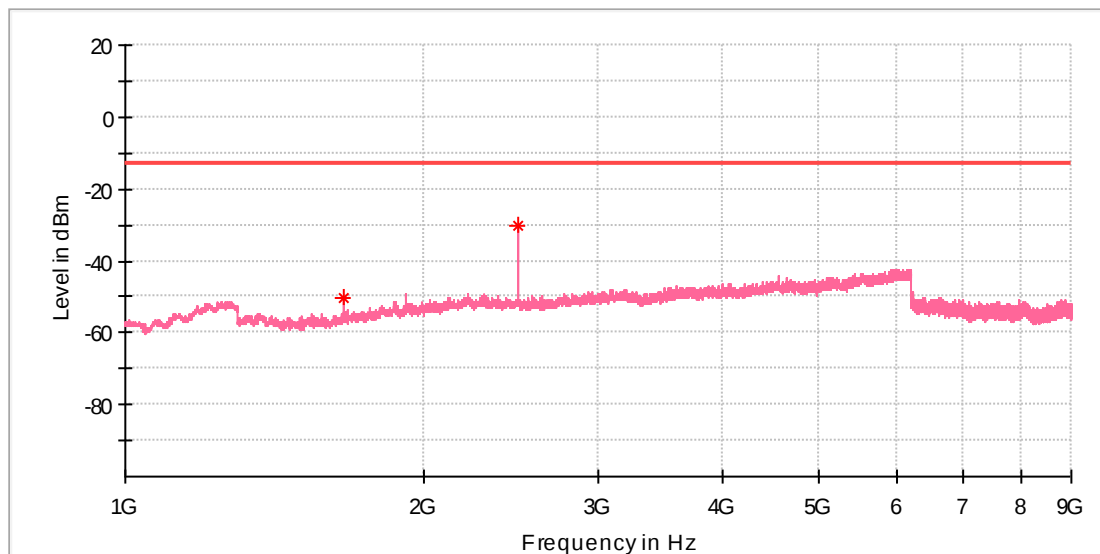


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1662.000000	-49.02	-13.00	36.02	100.0	H	4.0	-92.7
1771.500000	-45.30	-13.00	32.30	100.0	H	336.0	-90.6
2493.000000	-25.69	-13.00	12.69	100.0	H	65.0	-88.2

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

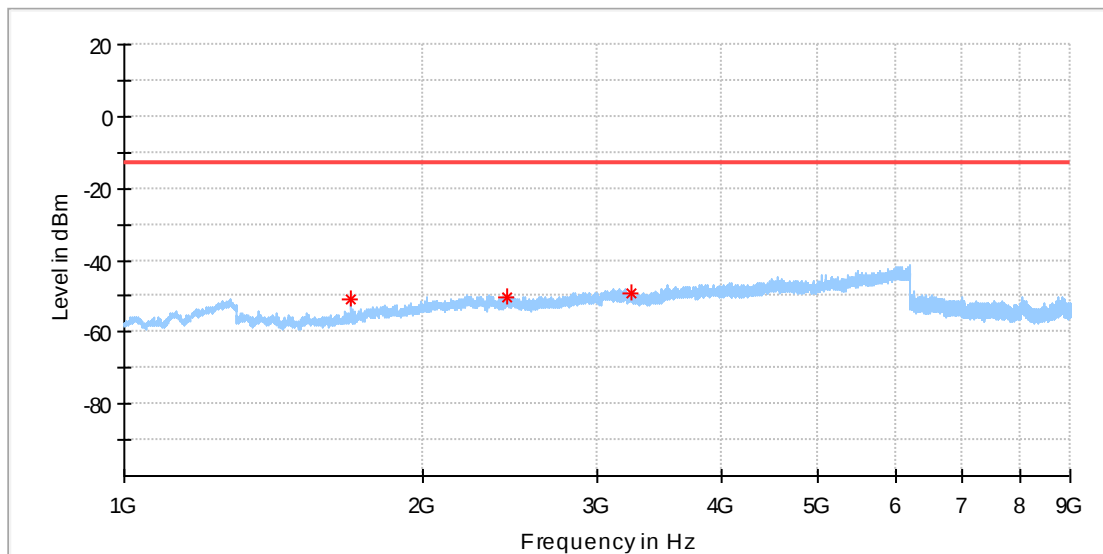
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1662.000000	-50.21	-13.00	37.21	100.0	V	10.0	-92.3
2493.000000	-30.41	-13.00	17.41	100.0	V	93.0	-88.0

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

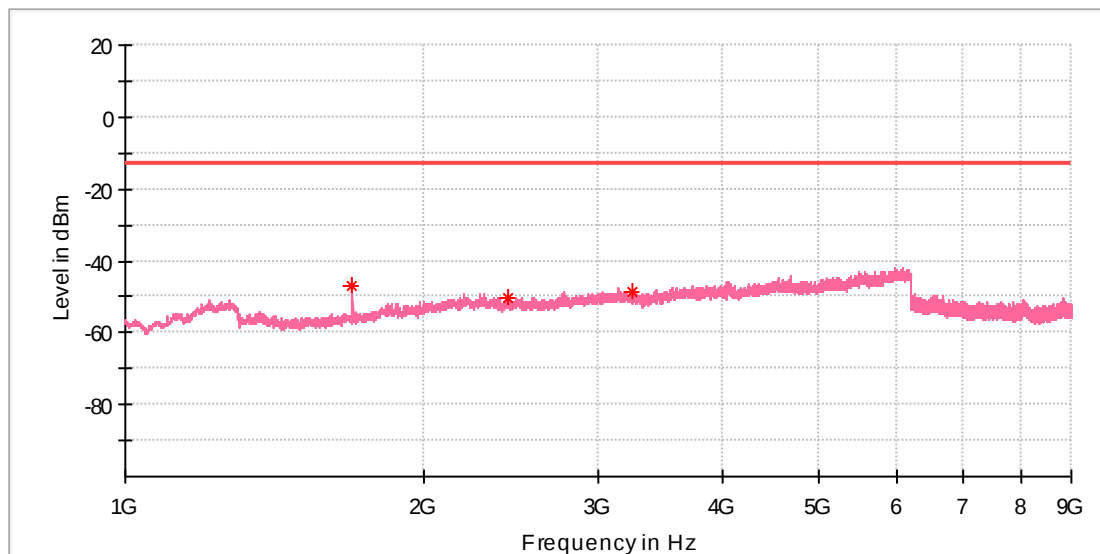


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-51.14	-13.00	38.14	100.0	H	133.0	-92.4
2431.000000	-50.57	-13.00	37.57	100.0	H	210.0	-87.5
3243.500000	-49.27	-13.00	36.27	100.0	H	266.0	-86.9

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

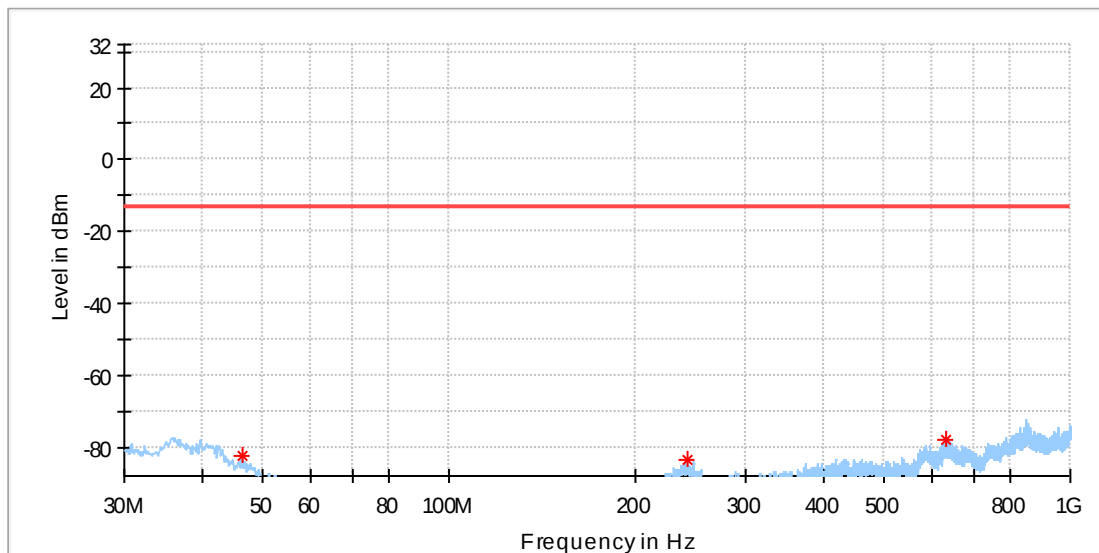
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-47.23	-13.00	34.23	100.0	V	330.0	-92.1
2431.000000	-50.32	-13.00	37.32	100.0	V	65.0	-88.0
3251.000000	-48.65	-13.00	35.65	100.0	V	2.0	-86.8

Appendix K.9: 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-WW
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

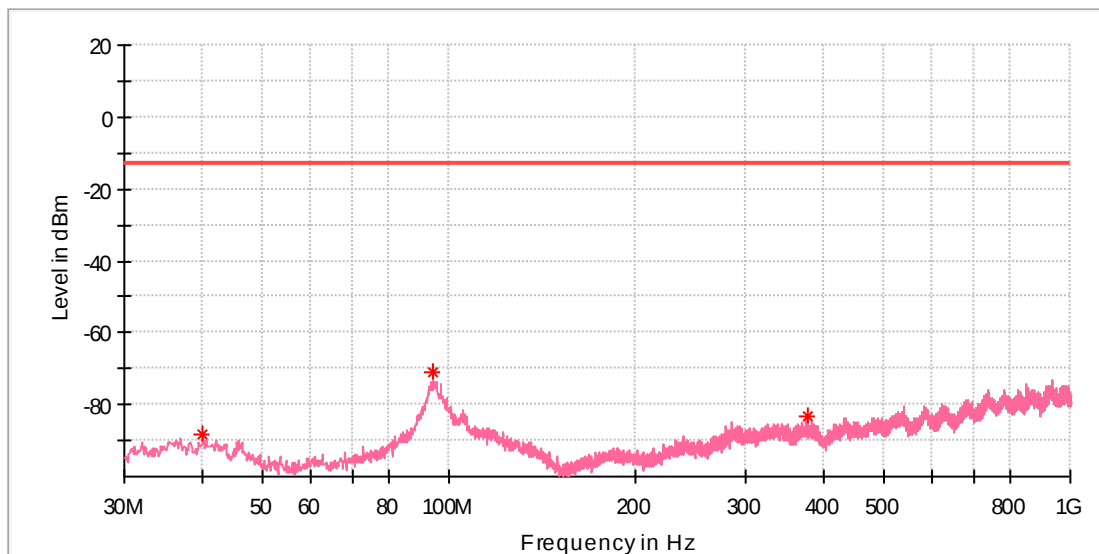


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
46.368750	-82.17	-13.00	69.17	100.0	H	98.0	-114.3
241.581250	-83.81	-13.00	70.81	100.0	H	318.0	-110.1
629.945000	-78.13	-13.00	65.13	100.0	H	148.0	-105.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

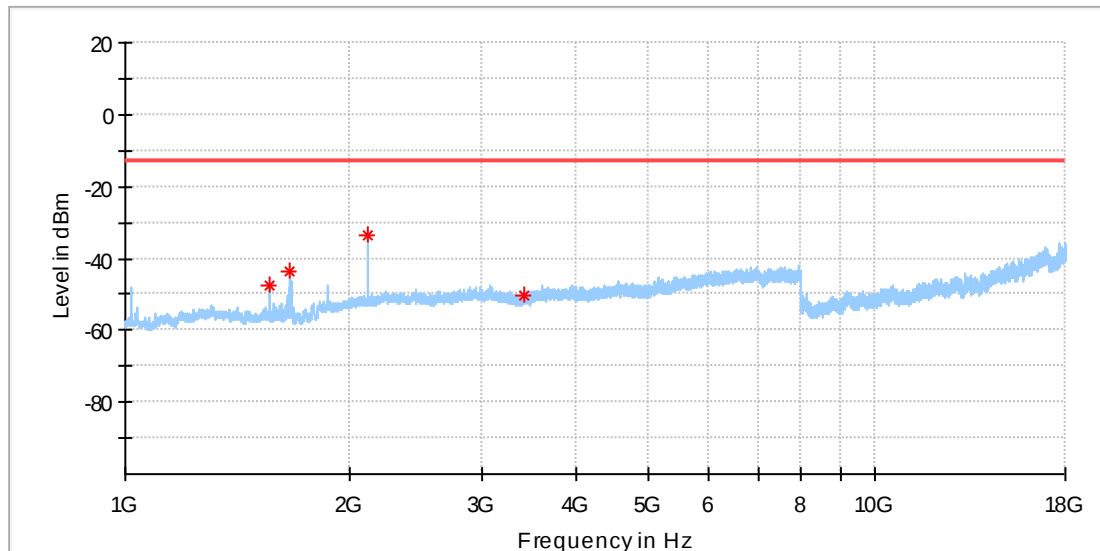
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
40.185000	-88.52	-13.00	75.52	100.0	V	272.0	-124.5
94.141250	-71.17	-13.00	58.17	100.0	V	223.0	-99.7
376.653750	-83.24	-13.00	70.24	100.0	V	317.0	-110.9

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

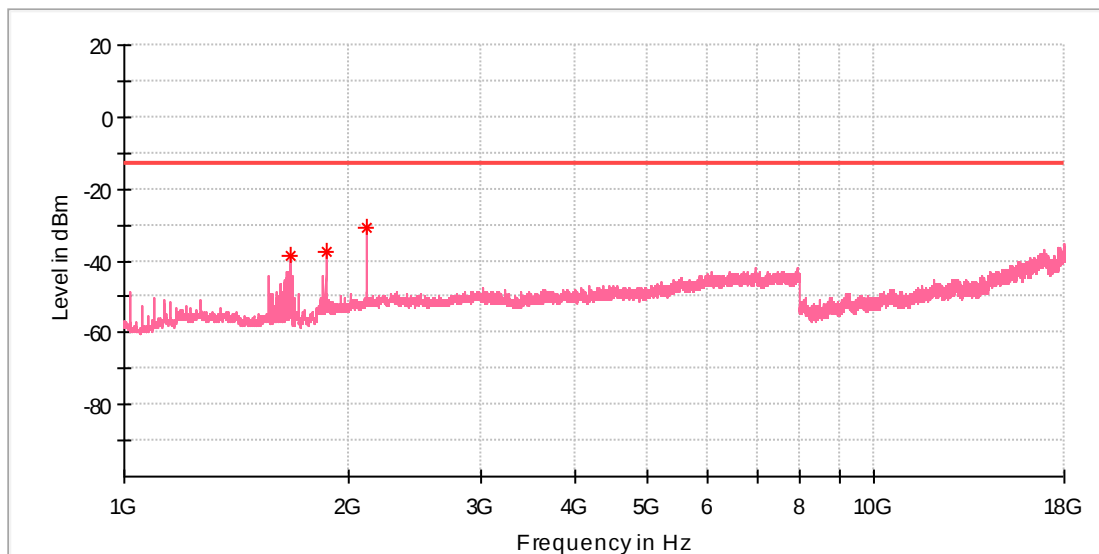


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1561.500000	-47.55	-13.00	34.55	100.0	H	69.0	-93.0
1662.500000	-43.73	-13.00	30.73	100.0	H	63.0	-92.7
2110.500000	-33.62	-13.00	20.62	100.0	H	162.0	-89.0
3410.000000	-50.18	-13.00	37.18	100.0	H	47.0	-88.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



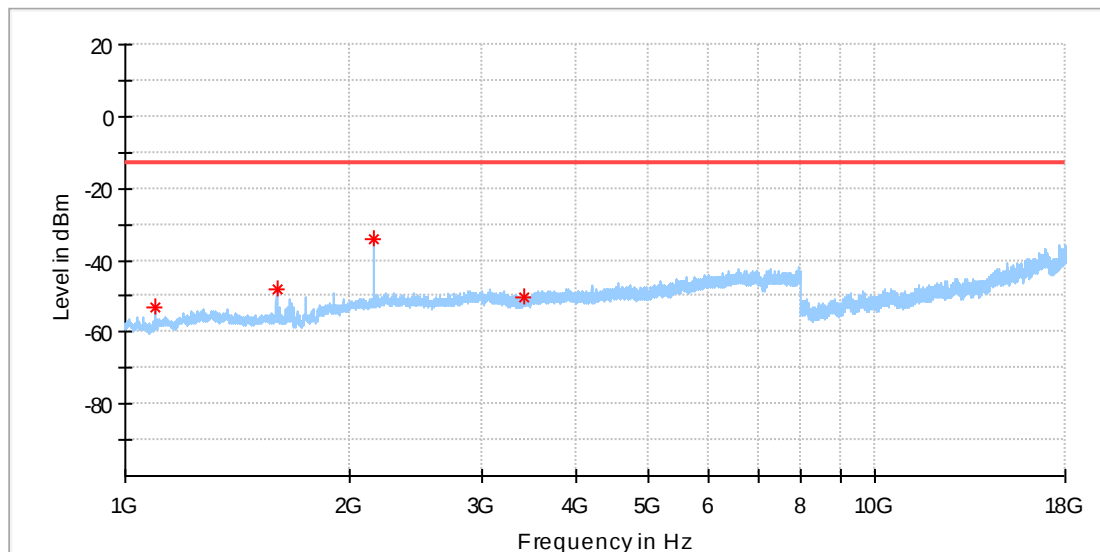
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1664.000000	-38.76	-13.00	25.76	100.0	V	87.0	-92.2
1858.500000	-37.45	-13.00	24.45	100.0	V	0.0	-90.1
2111.000000	-30.85	-13.00	17.85	100.0	V	47.0	-88.5

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

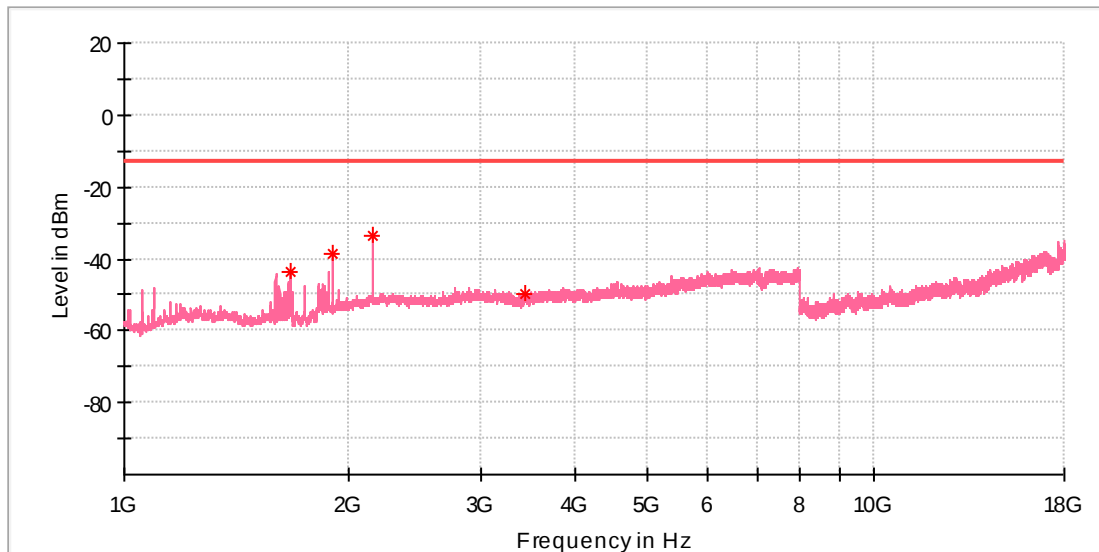


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1094.500000	-53.29	-13.00	40.29	100.0	H	67.0	-95.3
1592.500000	-48.11	-13.00	35.11	100.0	H	188.0	-92.7
2145.000000	-33.87	-13.00	20.87	100.0	H	147.0	-88.5
3413.000000	-50.06	-13.00	37.06	100.0	H	308.0	-88.0

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

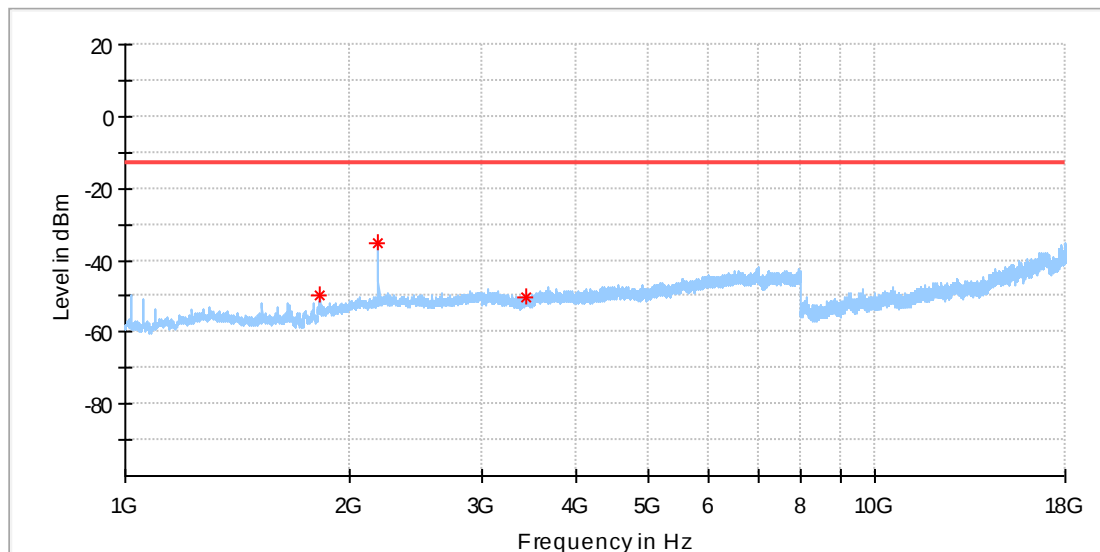
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1667.000000	-43.64	-13.00	30.64	100.0	V	65.0	-92.2
1896.500000	-38.35	-13.00	25.35	100.0	V	274.0	-90.3
2145.000000	-33.86	-13.00	20.86	100.0	V	31.0	-88.0
3423.500000	-49.94	-13.00	36.94	100.0	V	30.0	-87.6

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

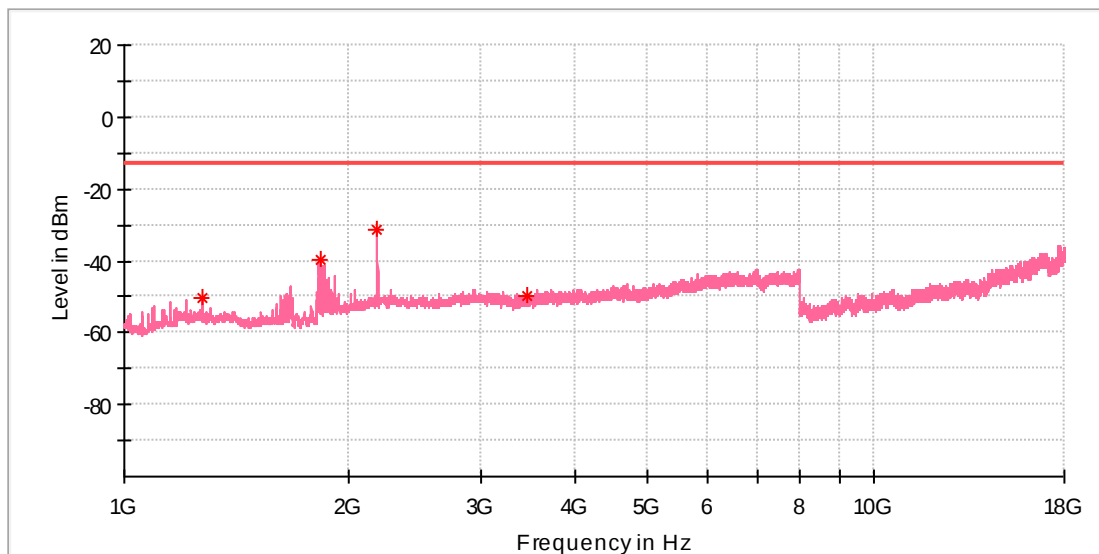


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1823.500000	-49.65	-13.00	36.65	100.0	H	174.0	-90.2
2179.500000	-35.35	-13.00	22.35	100.0	H	197.0	-88.0
3432.000000	-50.48	-13.00	37.48	100.0	H	137.0	-87.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

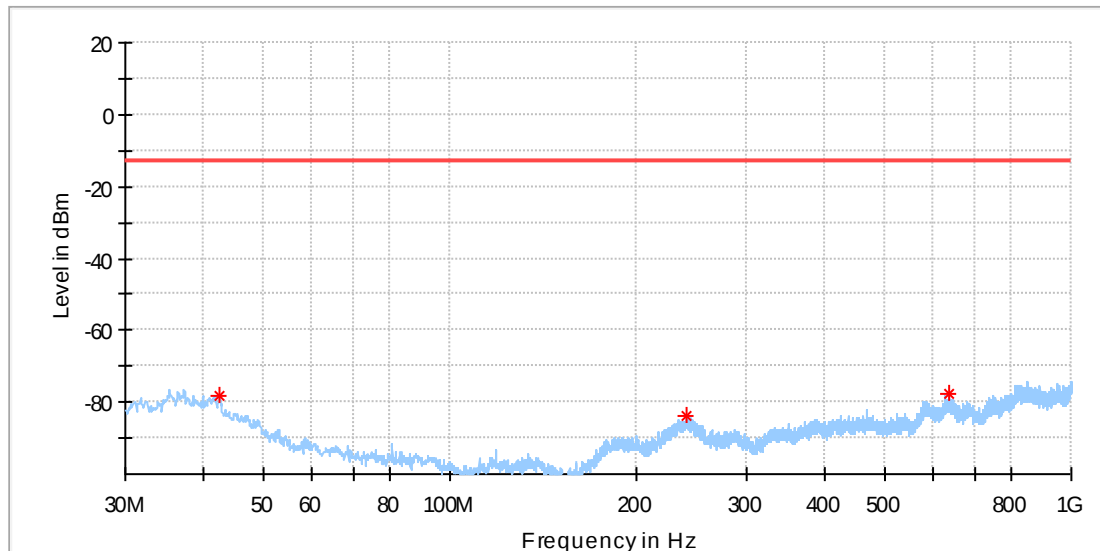
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1270.500000	-50.05	-13.00	37.05	100.0	V	244.0	-92.0
1825.500000	-39.63	-13.00	26.63	100.0	V	187.0	-90.0
2179.500000	-31.22	-13.00	18.22	100.0	V	244.0	-88.1
3443.000000	-49.71	-13.00	36.71	100.0	V	0.0	-87.5

Produkte
Products

Test Result of 16QAM modulation
Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VV
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

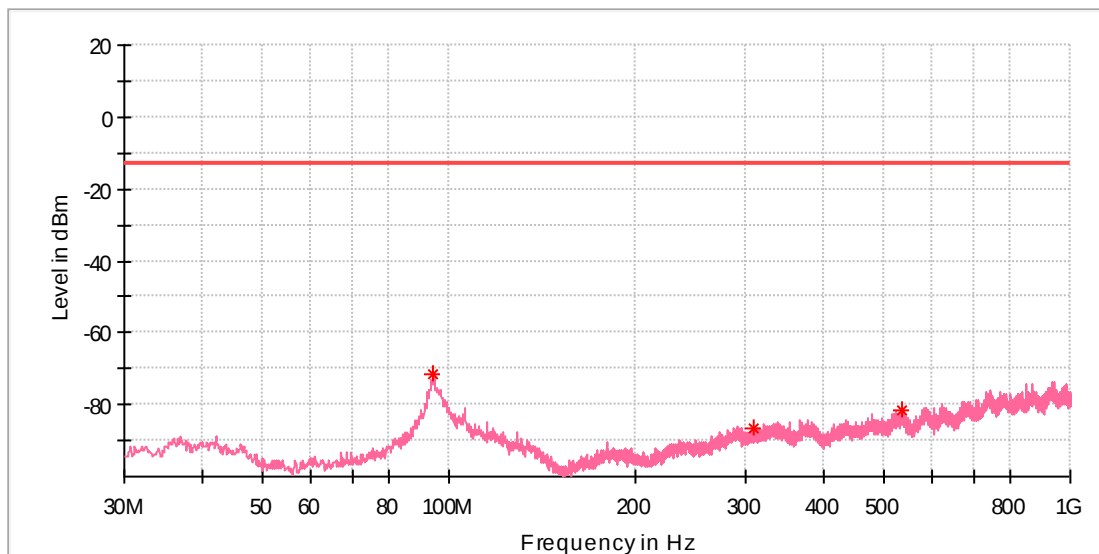


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.610000	-78.12	-13.00	65.12	100.0	H	358.0	-112.6
240.611250	-83.90	-13.00	70.90	100.0	H	195.0	-110.4
637.705000	-77.77	-13.00	64.77	100.0	H	164.0	-104.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

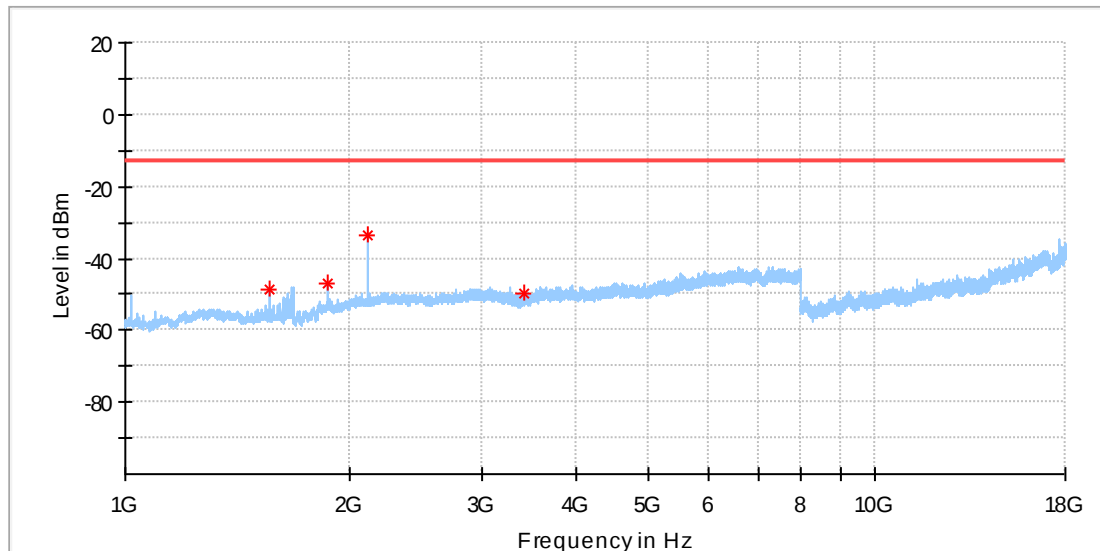
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.141250	-71.78	-13.00	58.78	100.0	V	356.0	-99.7
310.330000	-86.50	-13.00	73.50	100.0	V	339.0	-111.2
533.915000	-81.45	-13.00	68.45	100.0	V	135.0	-107.6

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

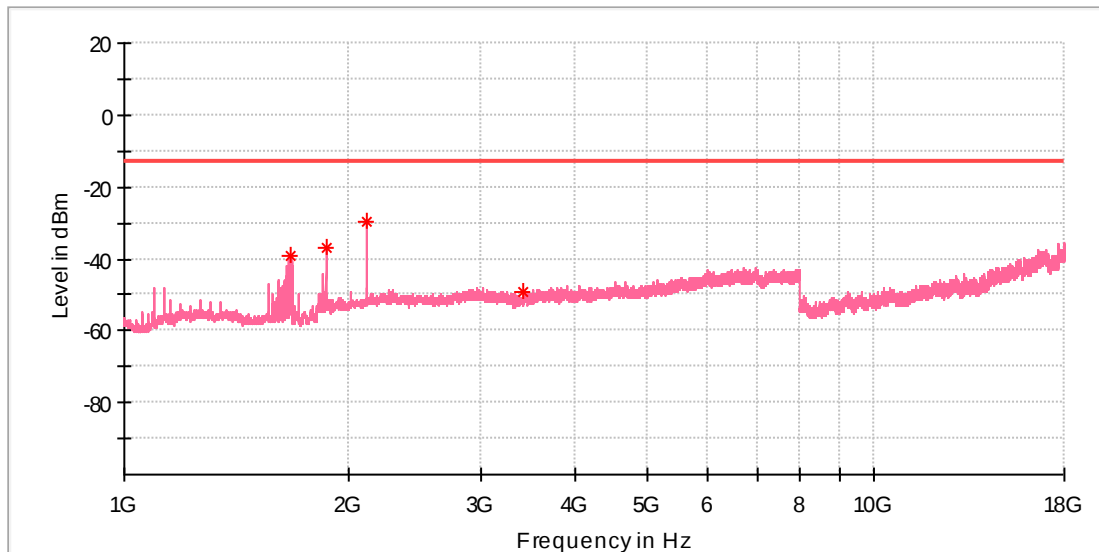


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1561.500000	-48.69	-13.00	35.69	100.0	H	116.0	-93.0
1859.000000	-47.10	-13.00	34.10	100.0	H	342.0	-90.3
2110.500000	-33.55	-13.00	20.55	100.0	H	168.0	-89.0
3400.000000	-49.52	-13.00	36.52	100.0	H	351.0	-88.1

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

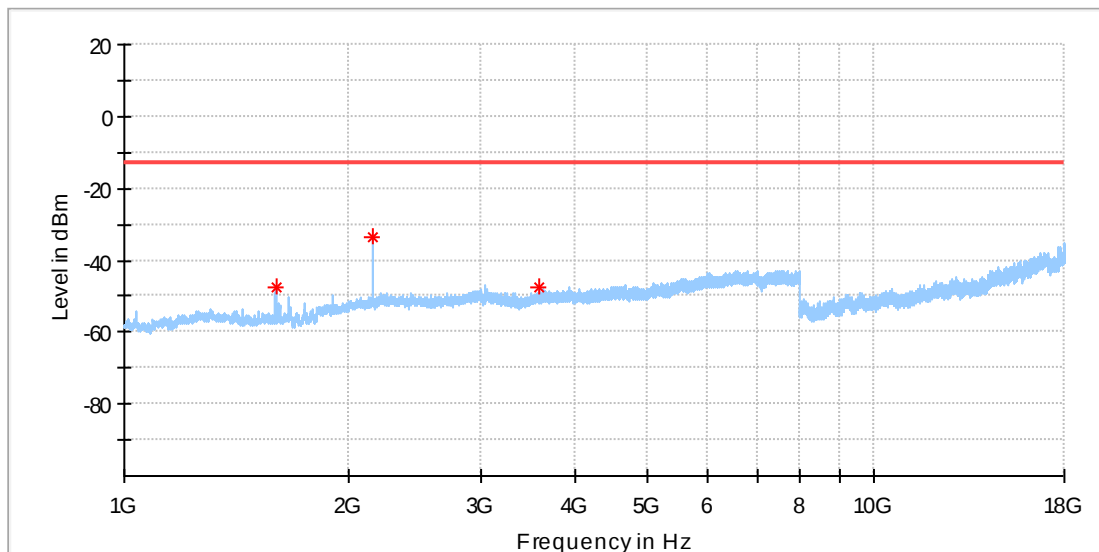
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-39.29	-13.00	26.29	100.0	V	71.0	-92.2
1859.000000	-37.04	-13.00	24.04	100.0	V	352.0	-90.1
2111.000000	-29.74	-13.00	16.74	100.0	V	352.0	-88.5
3411.000000	-49.36	-13.00	36.36	100.0	V	223.0	-87.9

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



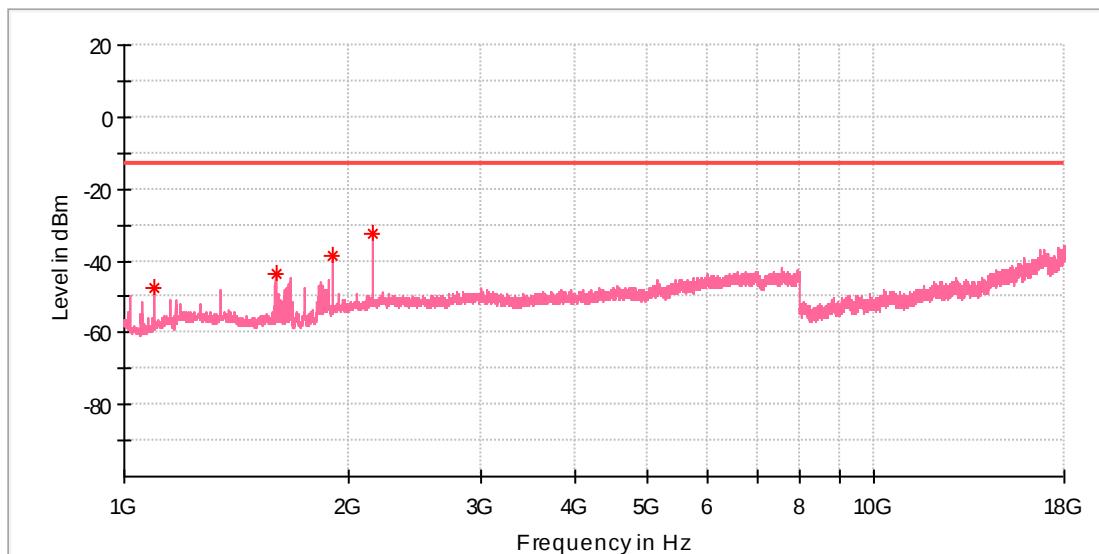
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1593.000000	-47.41	-13.00	34.41	100.0	H	75.0	-92.7
2145.000000	-33.69	-13.00	20.69	100.0	H	197.0	-88.5
3578.500000	-47.32	-13.00	34.32	100.0	H	117.0	-86.9

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 1.4M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

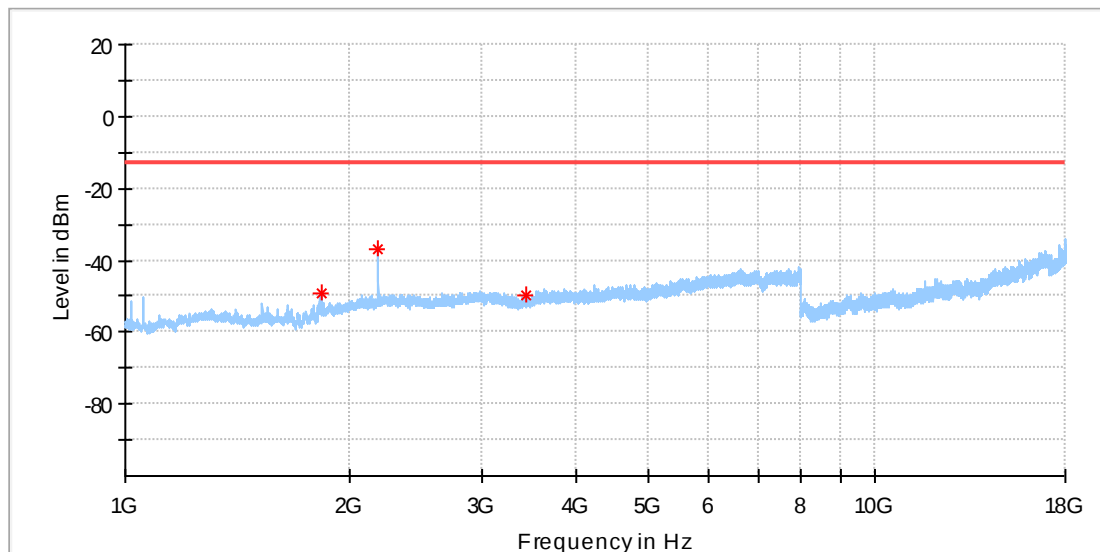
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1094.500000	-47.58	-13.00	34.58	100.0	V	0.0	-95.4
1592.500000	-43.76	-13.00	30.76	100.0	V	105.0	-92.9
1896.500000	-38.63	-13.00	25.63	100.0	V	4.0	-90.3
2145.000000	-32.22	-13.00	19.22	100.0	V	355.0	-88.0

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



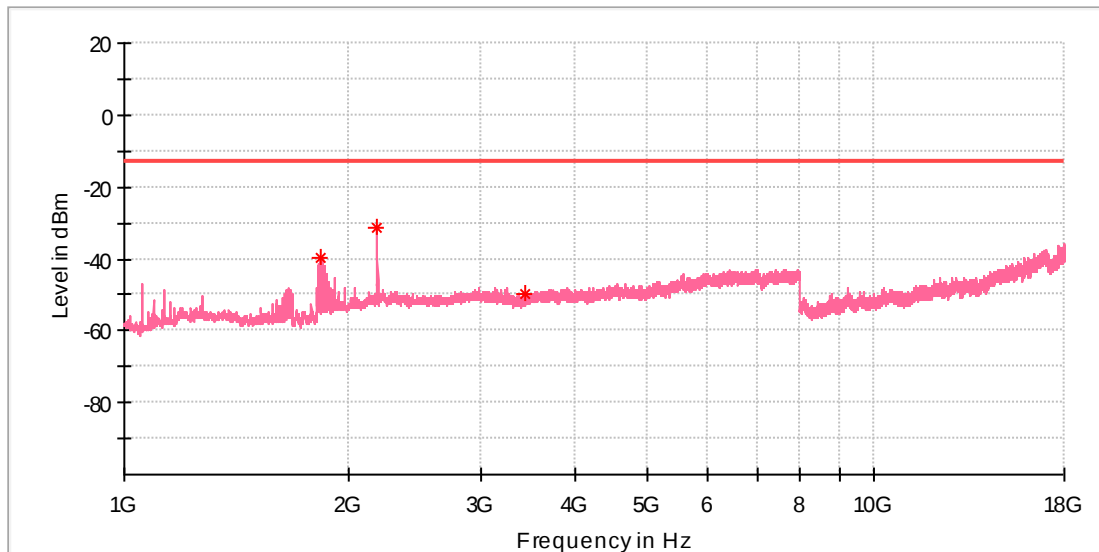
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1827.500000	-48.99	-13.00	35.99	100.0	H	62.0	-90.2
2179.500000	-36.75	-13.00	23.75	100.0	H	158.0	-88.0
3440.000000	-49.74	-13.00	36.74	100.0	H	290.0	-87.8

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 1.4M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

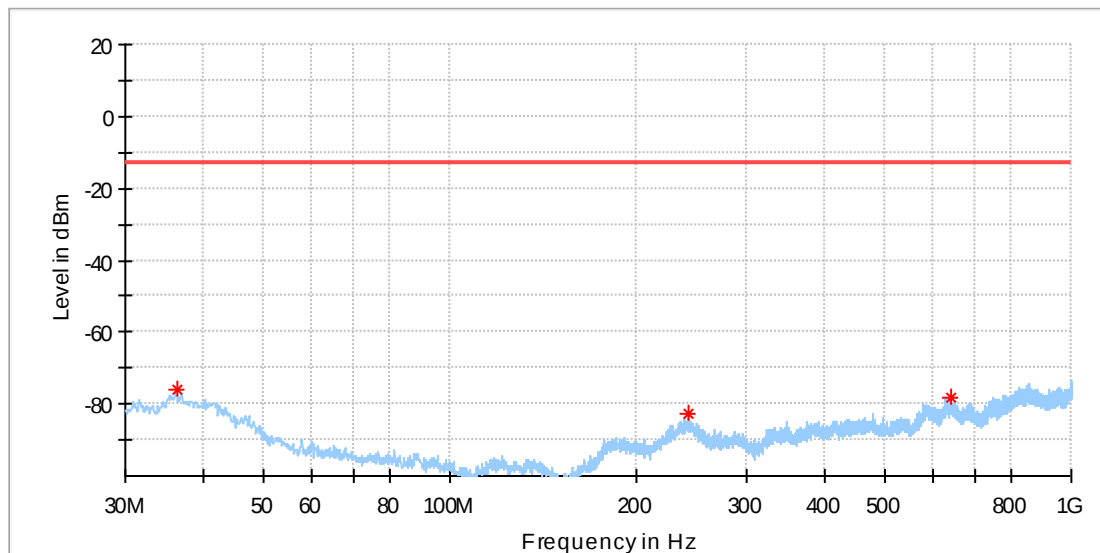
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1825.500000	-39.63	-13.00	26.63	100.0	V	186.0	-90.0
2179.500000	-31.29	-13.00	18.29	100.0	V	35.0	-88.1
3429.500000	-49.90	-13.00	36.90	100.0	V	160.0	-87.5

Appendix K.10: 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-WW
Test Mode:	TX 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

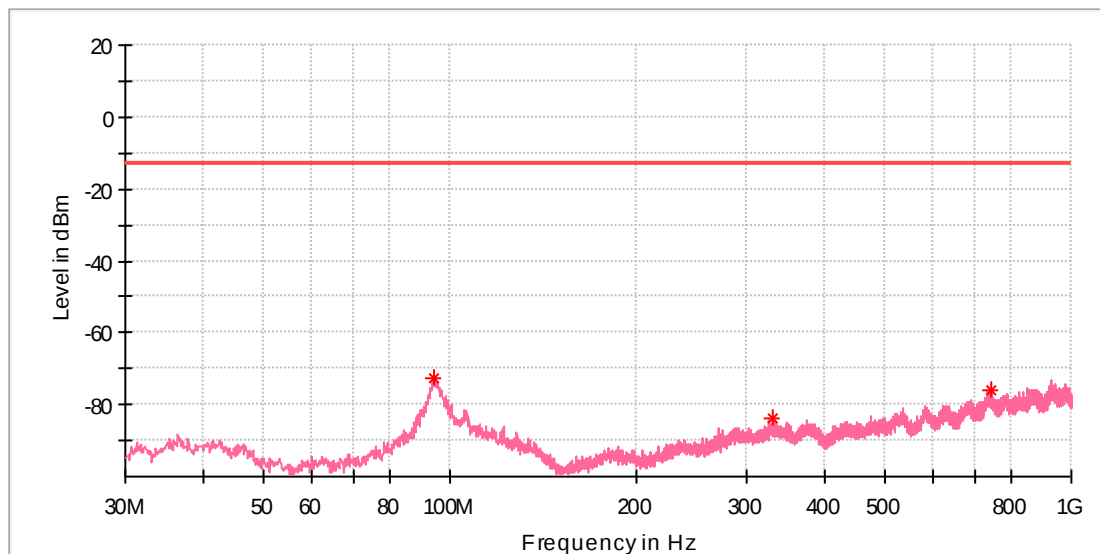


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.305000	-75.73	-13.00	62.73	100.0	H	185.0	-113.2
242.187500	-82.96	-13.00	69.96	100.0	H	303.0	-110.0
638.917500	-78.39	-13.00	65.39	100.0	H	102.0	-104.7

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 5M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

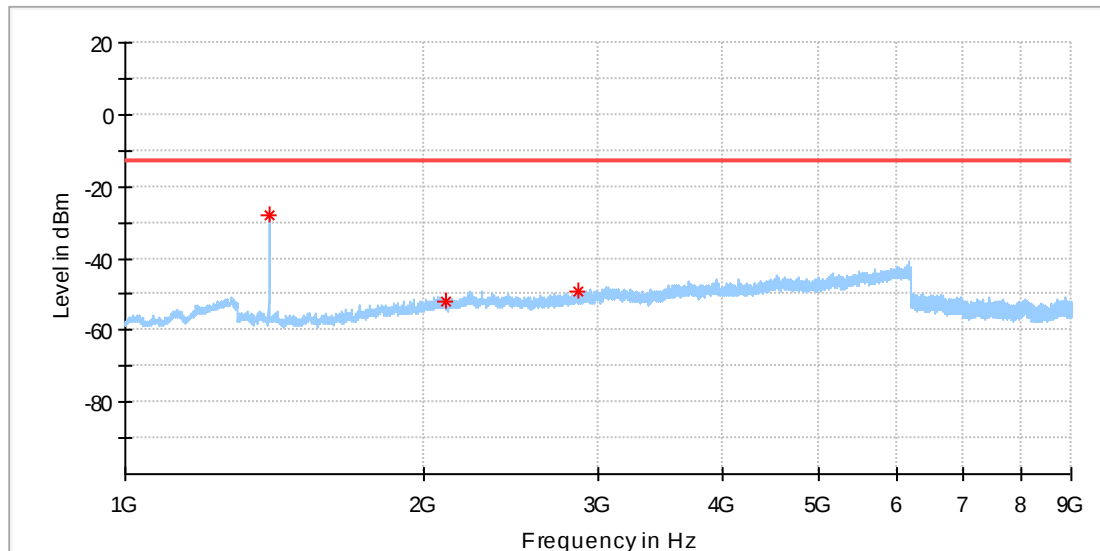
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.141250	-72.41	-13.00	59.41	100.0	V	164.0	-99.7
329.730000	-83.73	-13.00	70.73	100.0	V	173.0	-112.2
742.586250	-76.01	-13.00	63.01	100.0	V	155.0	-102.0

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



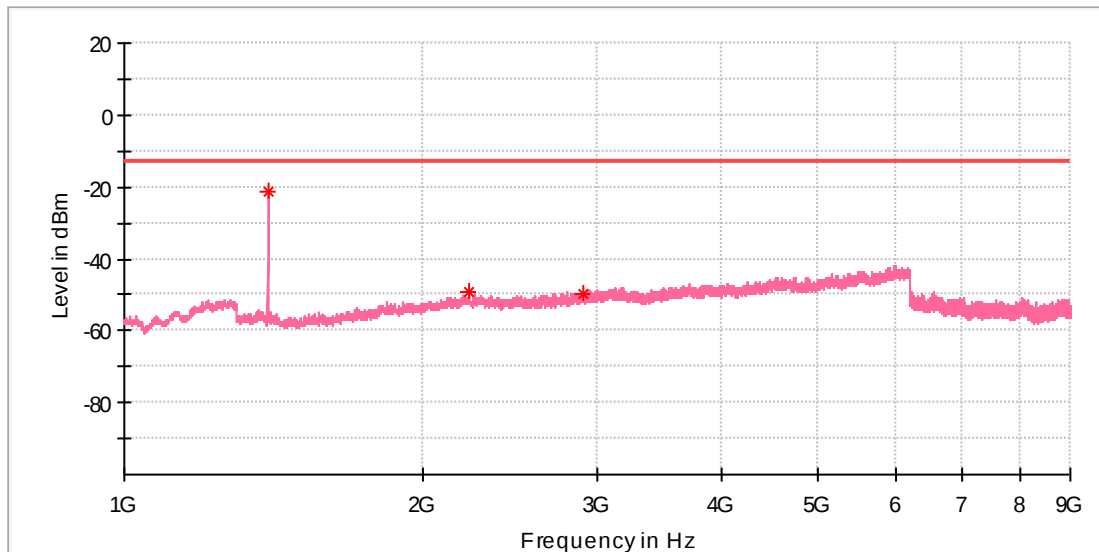
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.500000	-28.23	-13.00	15.23	100.0	H	59.0	-93.1
2105.000000	-51.97	-13.00	38.97	100.0	H	0.0	-89.0
2868.500000	-49.37	-13.00	36.37	100.0	H	171.0	-86.8

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

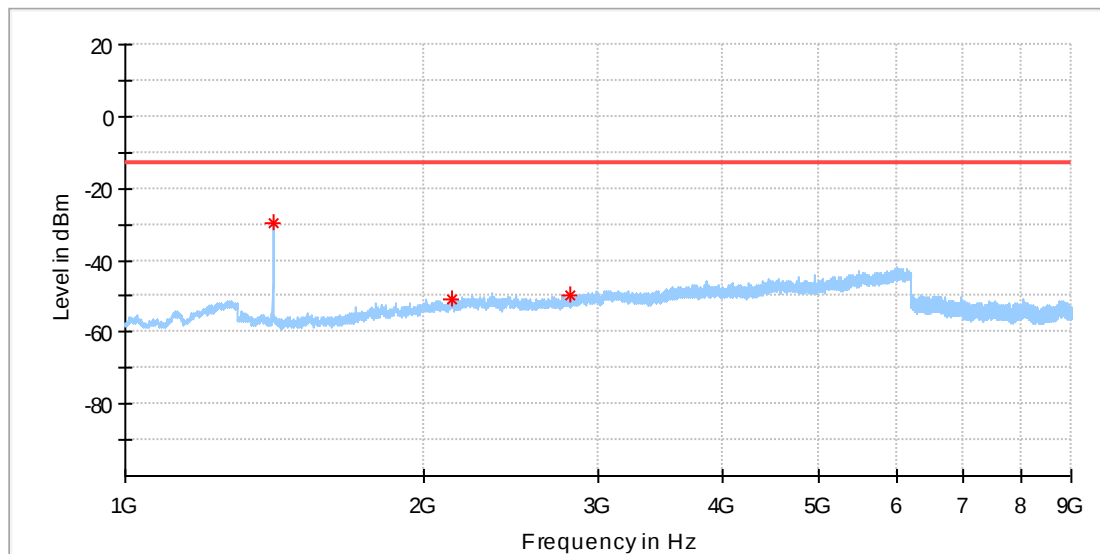
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.500000	-21.15	-13.00	8.15	100.0	V	323.0	-92.9
2222.500000	-49.37	-13.00	36.37	100.0	V	0.0	-87.2
2901.500000	-49.69	-13.00	36.69	100.0	V	205.0	-87.2

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

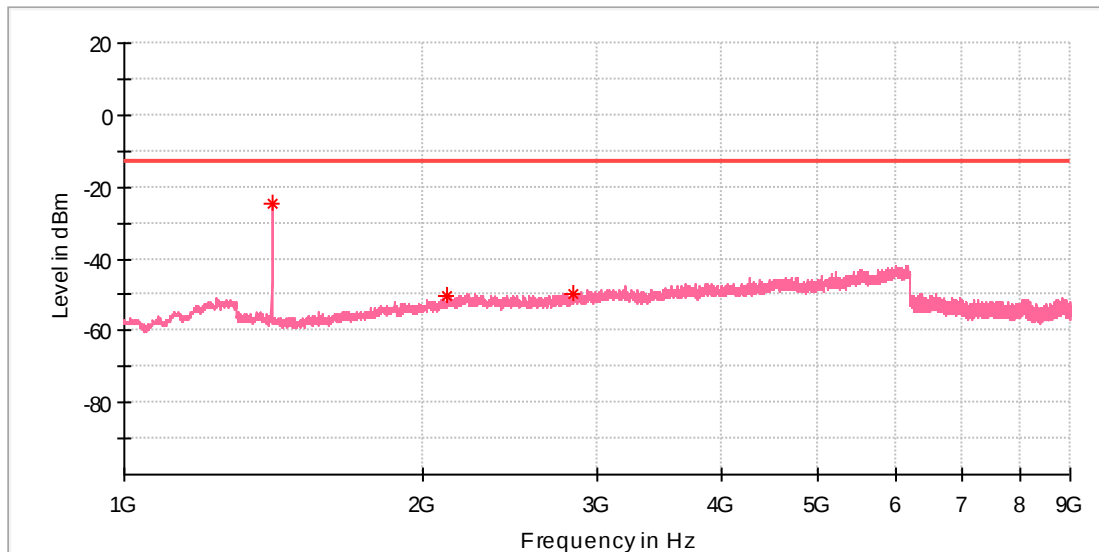


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.500000	-29.64	-13.00	16.64	100.0	H	65.0	-92.7
2131.000000	-50.70	-13.00	37.70	100.0	H	121.0	-88.2
2810.000000	-49.73	-13.00	36.73	100.0	H	195.0	-87.4

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

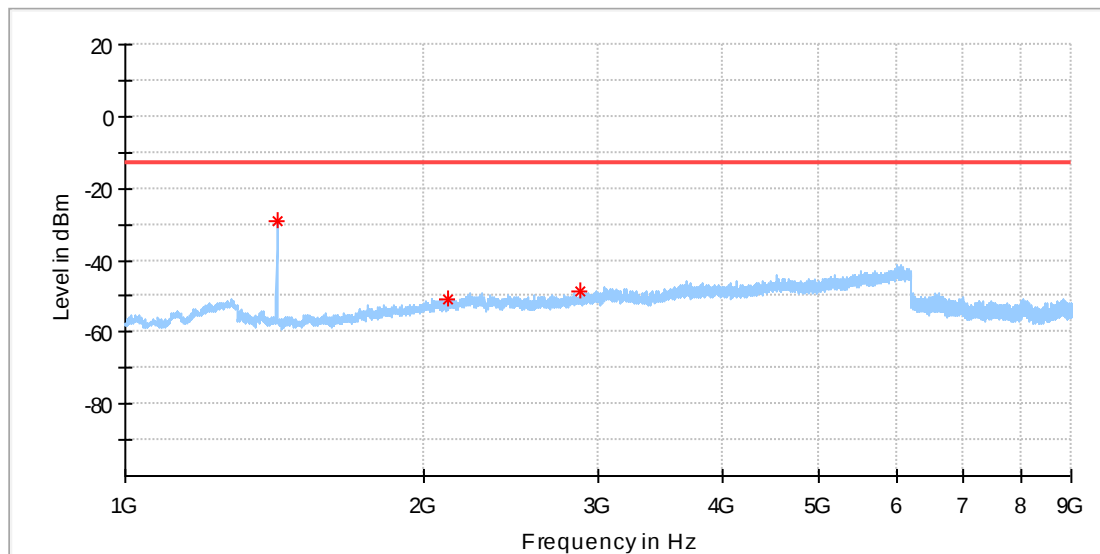
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.000000	-24.38	-13.00	11.38	100.0	V	302.0	-92.8
2114.500000	-50.30	-13.00	37.30	100.0	V	0.0	-88.4
2840.000000	-49.59	-13.00	36.59	100.0	V	128.0	-87.4

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M QPSK 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



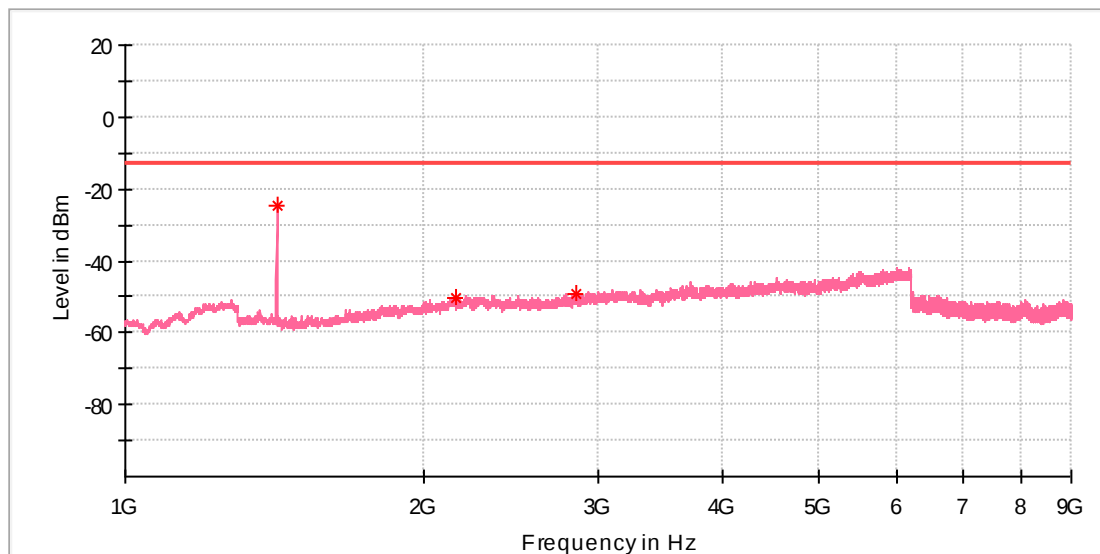
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1422.500000	-28.89	-13.00	15.89	100.0	H	197.0	-92.9
2112.500000	-51.02	-13.00	38.02	100.0	H	114.0	-88.9
2879.500000	-48.86	-13.00	35.86	100.0	H	341.0	-86.8

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M QPSK 1@5
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

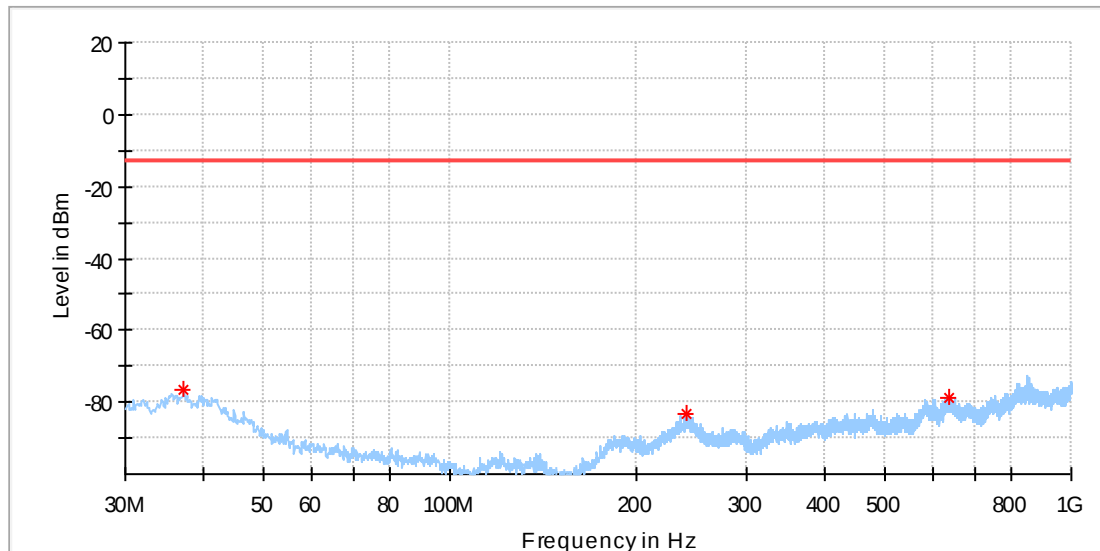
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1422.500000	-24.84	-13.00	11.84	100.0	V	177.0	-93.2
2156.000000	-50.14	-13.00	37.14	100.0	V	295.0	-88.1
2848.500000	-49.27	-13.00	36.27	100.0	V	212.0	-87.2

Produkte
Products

Test Result of 16QAM modulation Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

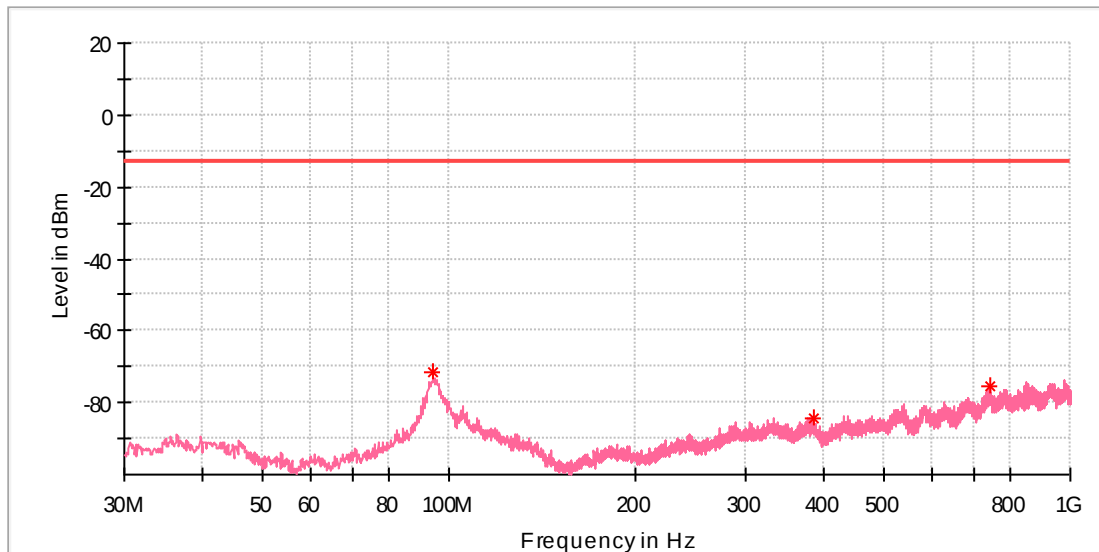


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.275000	-76.60	-13.00	63.60	100.0	H	145.0	-113.5
239.641250	-83.20	-13.00	70.20	100.0	H	46.0	-110.6
636.856250	-78.59	-13.00	65.59	100.0	H	42.0	-104.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 5M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

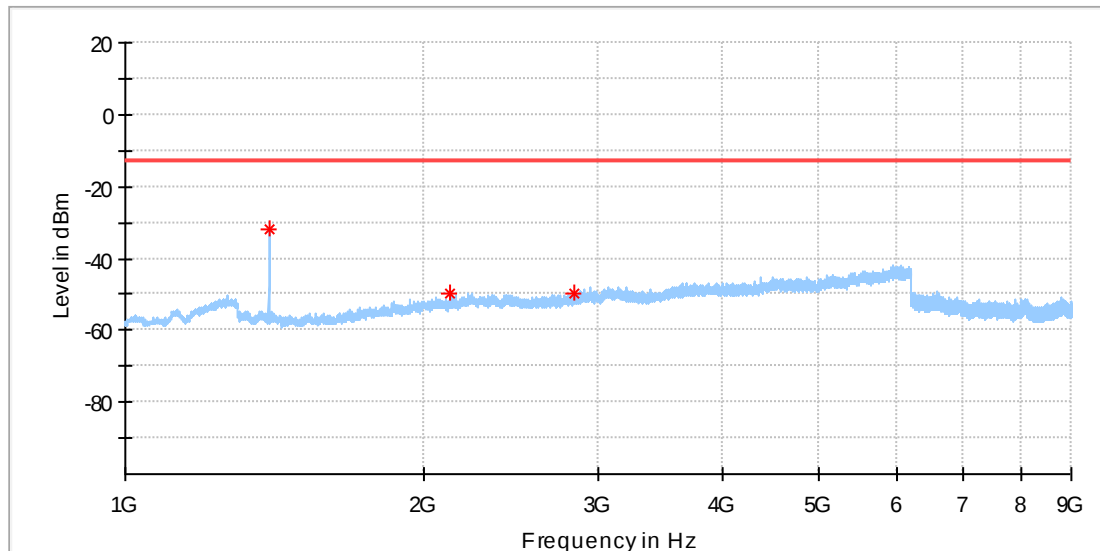
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.141250	-71.74	-13.00	58.74	100.0	V	241.0	-99.7
385.990000	-84.16	-13.00	71.16	100.0	V	0.0	-111.4
742.586250	-75.55	-13.00	62.55	100.0	V	75.0	-102.0

Produkte
Products

Above 1 GHz
Low Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



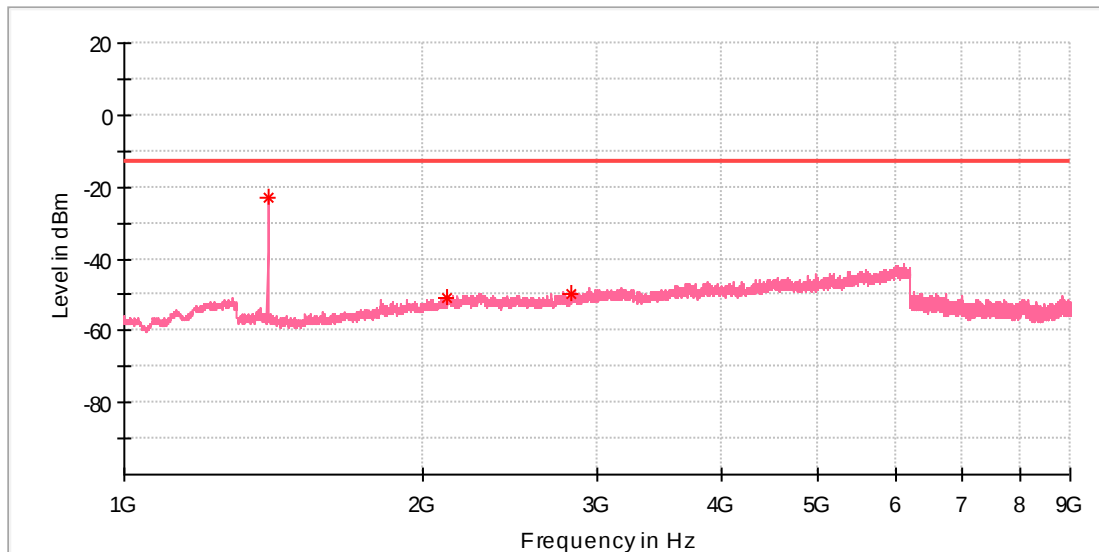
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.500000	-31.78	-13.00	18.78	100.0	H	174.0	-93.1
2127.000000	-49.76	-13.00	36.76	100.0	H	72.0	-88.3
2835.500000	-49.75	-13.00	36.75	100.0	H	272.0	-87.6

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 5M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

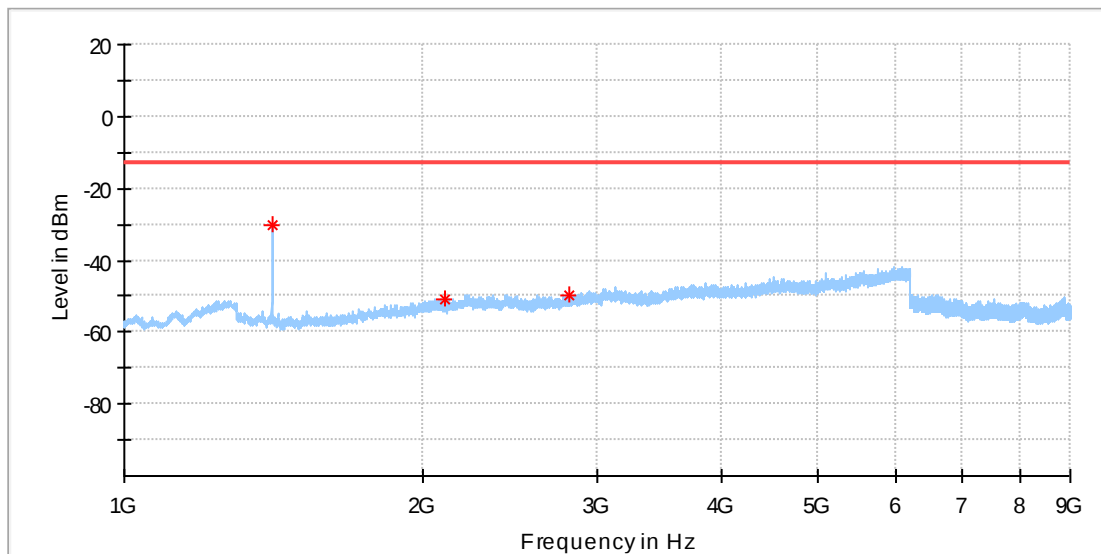
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.500000	-23.18	-13.00	10.18	100.0	V	260.0	-92.9
2114.500000	-50.87	-13.00	37.87	100.0	V	288.0	-88.4
2822.000000	-49.58	-13.00	36.58	100.0	V	87.0	-87.4

Produkte
Products

Mid Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

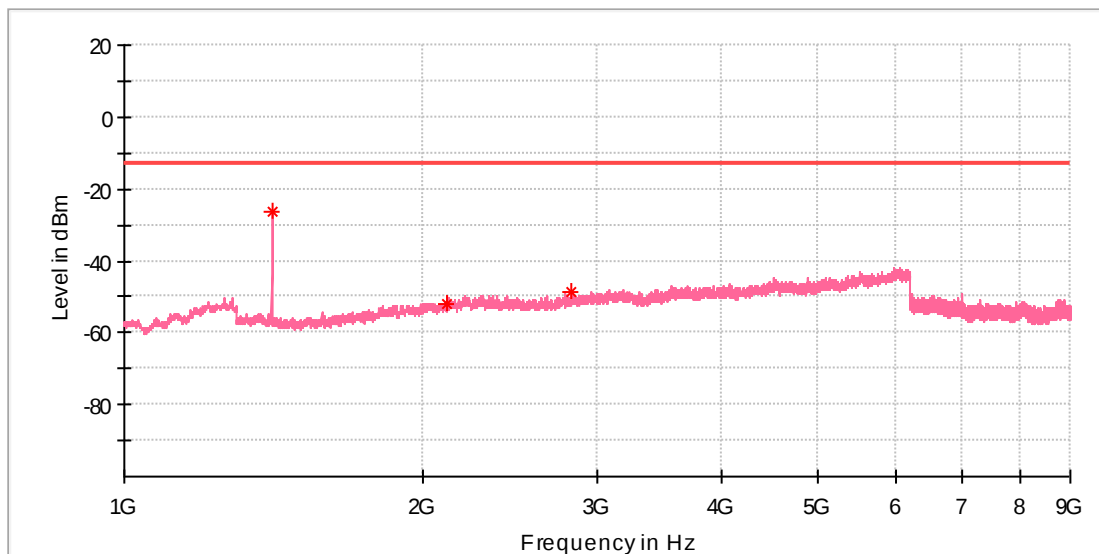


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.500000	-29.66	-13.00	16.66	100.0	H	65.0	-92.7
2131.000000	-50.85	-13.00	37.85	100.0	H	121.0	-88.2
2810.000000	-49.63	-13.00	36.63	100.0	H	195.0	-87.4

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 5M 16QAM 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

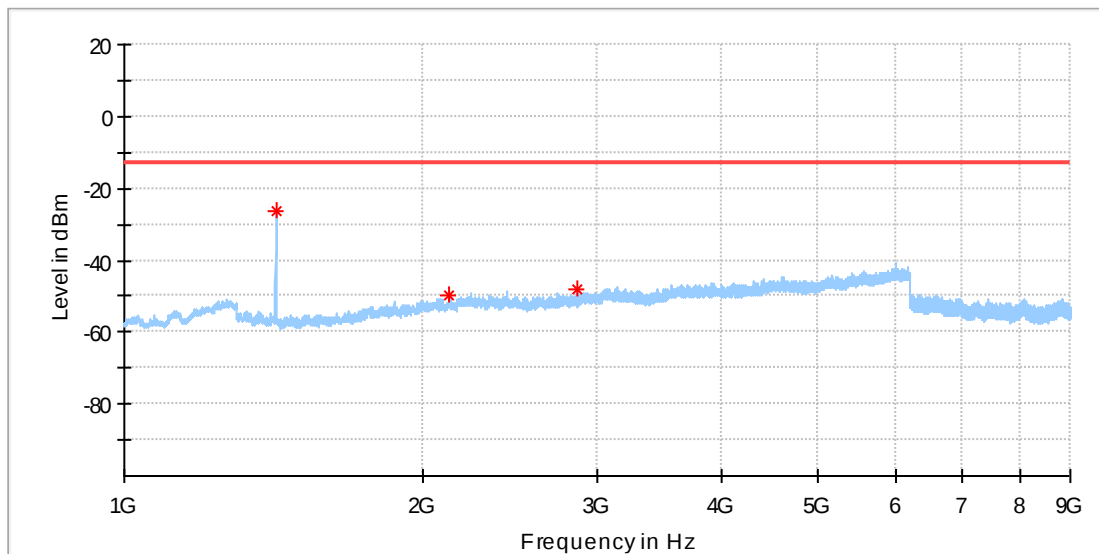
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.500000	-26.25	-13.00	13.25	100.0	V	5.0	-92.8
2116.000000	-51.75	-13.00	38.75	100.0	V	121.0	-88.3
2824.000000	-48.72	-13.00	35.72	100.0	V	51.0	-87.4

Produkte
Products

High Channel

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



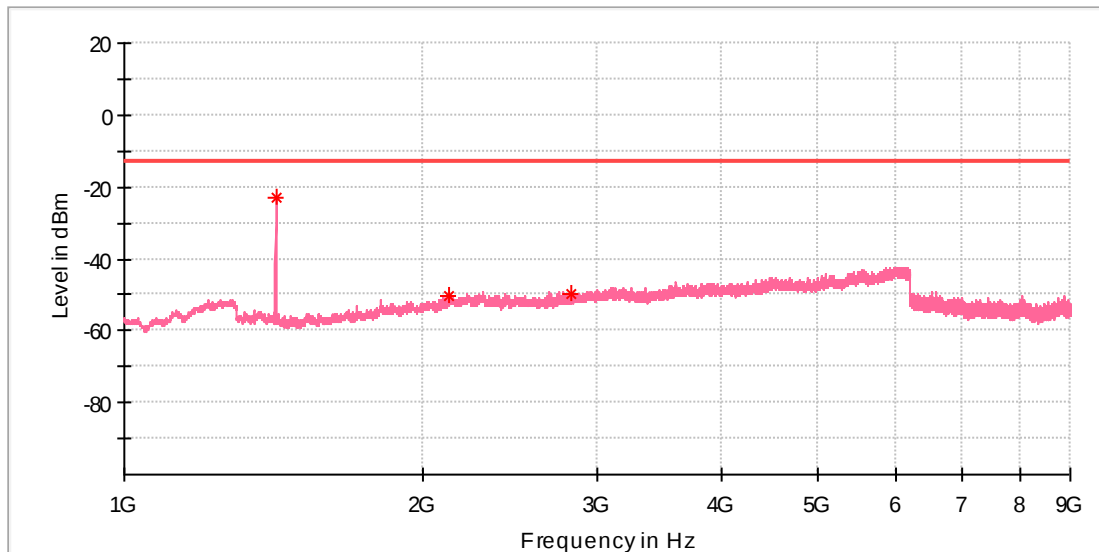
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1422.500000	-26.15	-13.00	13.15	100.0	H	269.0	-92.9
2129.500000	-50.01	-13.00	37.01	100.0	H	228.0	-88.2
2859.500000	-48.21	-13.00	35.21	100.0	H	0.0	-87.1

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 5M 16QAM 1@5
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1422.500000	-23.13	-13.00	10.13	100.0	V	302.0	-93.2
2128.500000	-50.43	-13.00	37.43	100.0	V	288.0	-87.7
2827.500000	-49.81	-13.00	36.81	100.0	V	184.0	-87.4