

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

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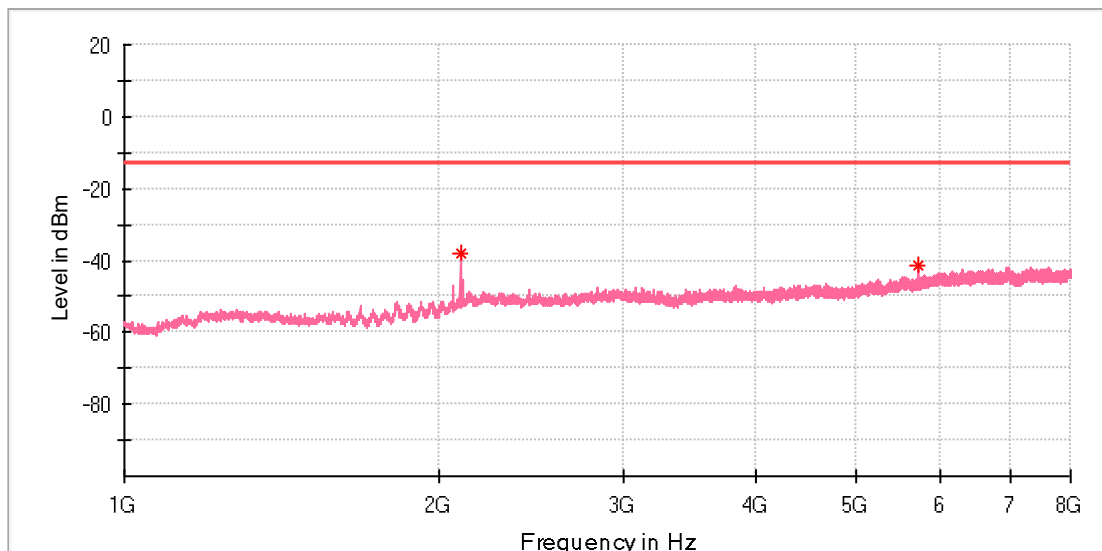
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Appendix M.1: Field Strength of Spurious Radiation for Band 2

Above 1 GHz

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



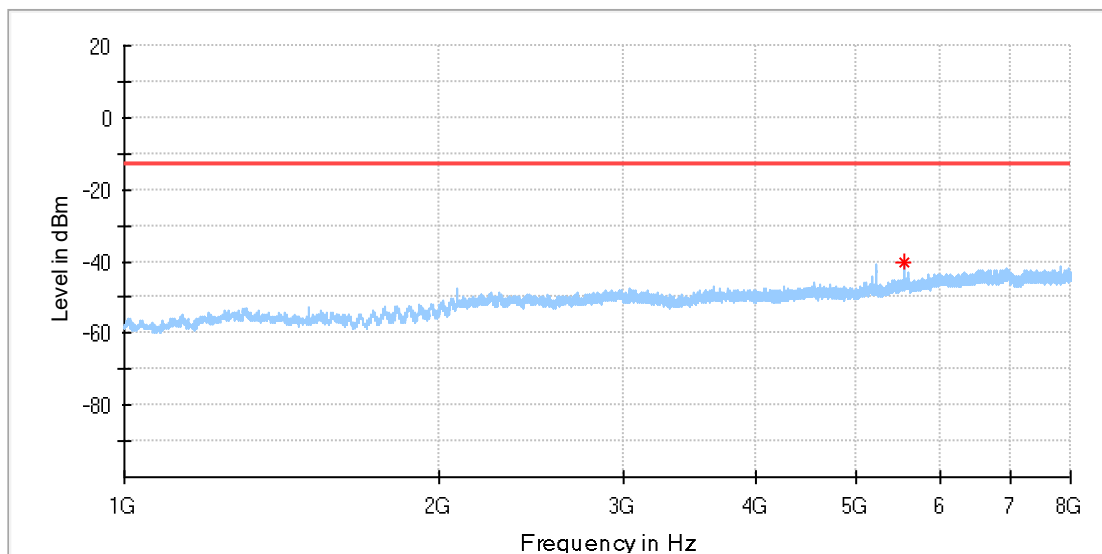
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2092.000000	-38.08	-13.00	25.08	100.0	V	6.0	-88.7
5726.000000	-41.18	-13.00	28.18	100.0	V	293.0	-83.6

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



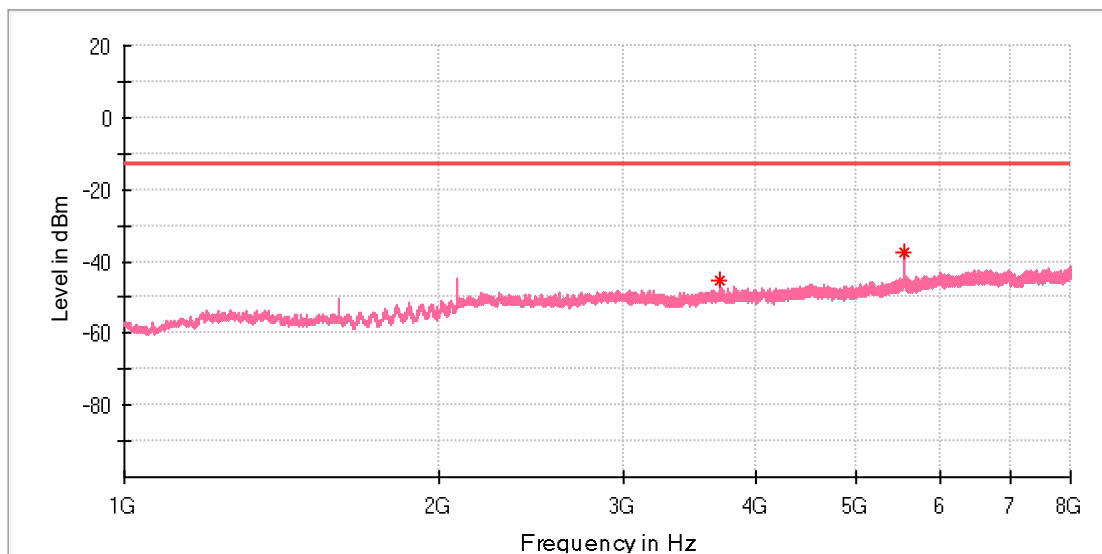
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
5550.500000	-40.50	-13.00	27.50	100.0	H	168.0	-83.2

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



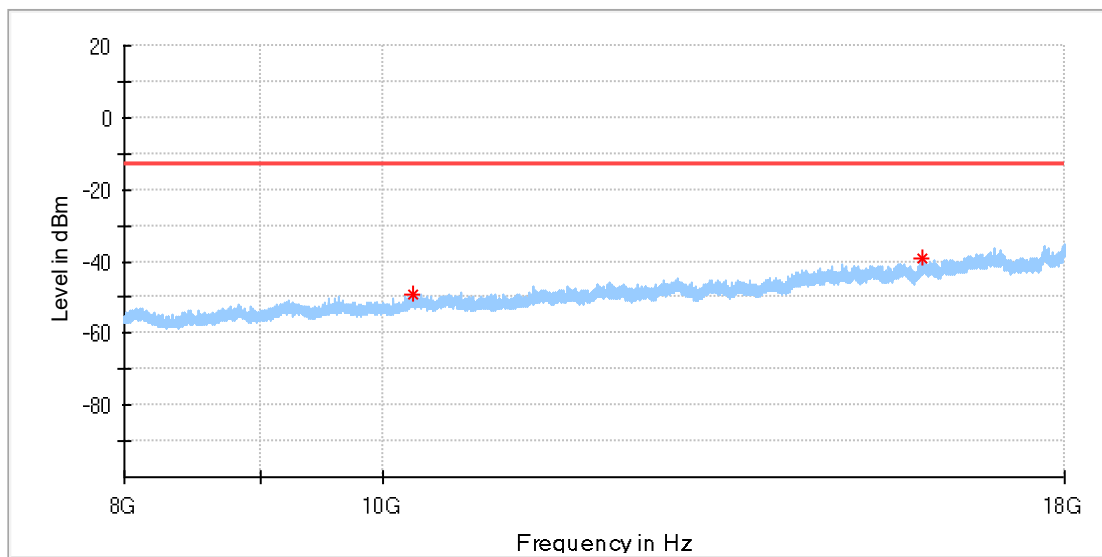
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3700.000000	-45.27	-13.00	32.27	100.0	V	268.0	-86.7
5550.500000	-37.45	-13.00	24.45	100.0	V	151.0	-83.0

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



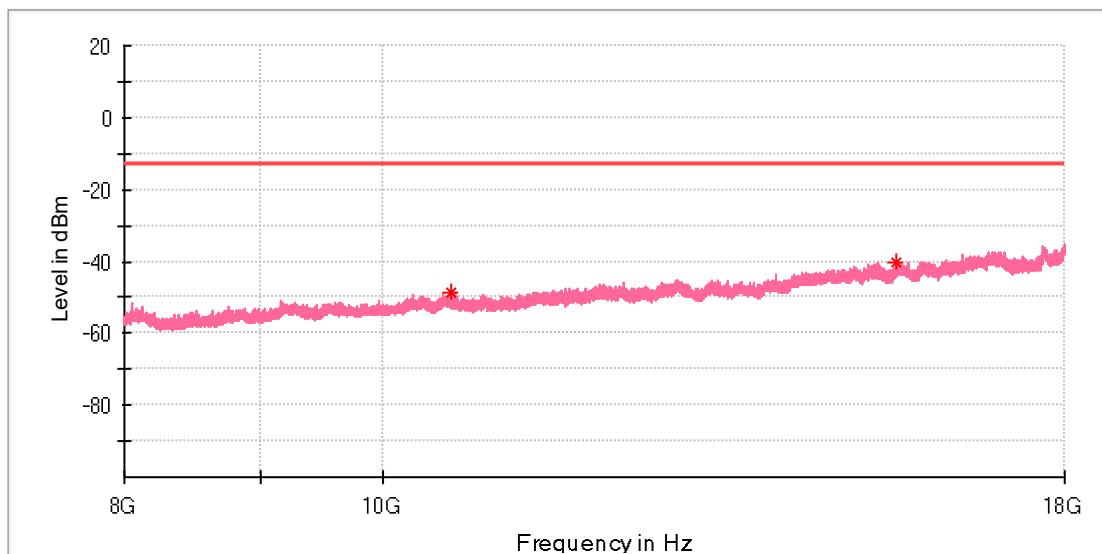
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10254.000000	-49.47	-13.00	36.47	100.0	H	65.0	-83.1
15925.500000	-38.89	-13.00	25.89	100.0	H	310.0	-76.6

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
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Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
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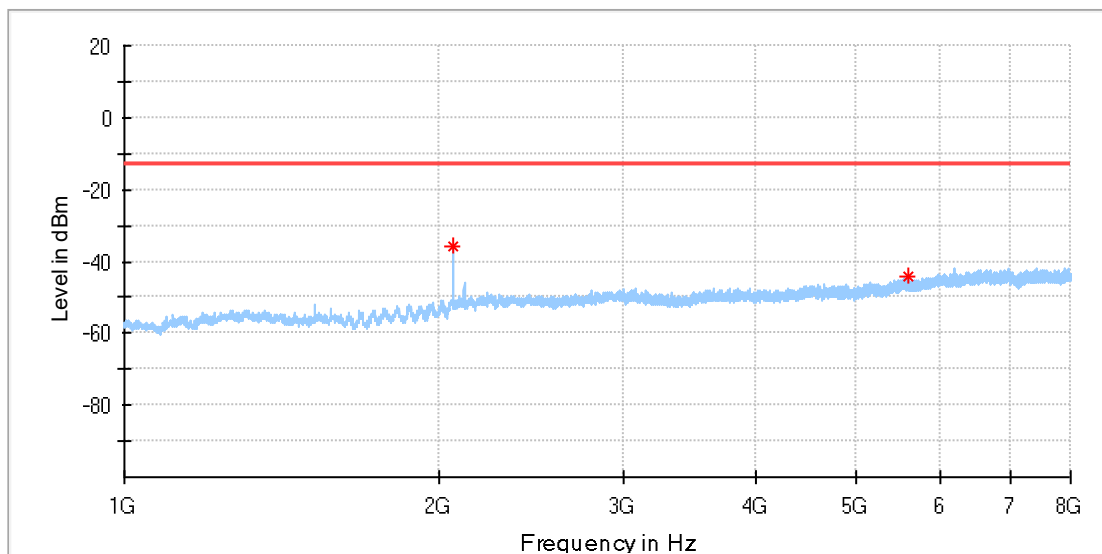
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10612.500000	-48.64	-13.00	35.64	100.0	V	69.0	-83.0
15562.500000	-40.40	-13.00	27.40	100.0	V	132.0	-77.8

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
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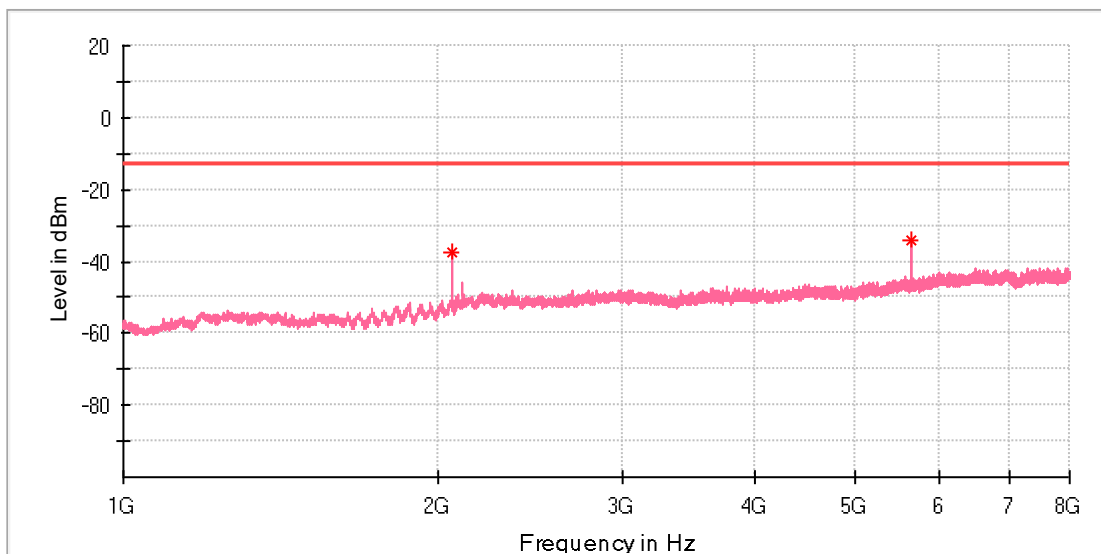
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2058.500000	-36.06	-13.00	23.06	100.0	H	243.0	-88.4
5596.000000	-44.30	-13.00	31.30	100.0	H	251.0	-83.6

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
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Tested By:	Kei Zhang
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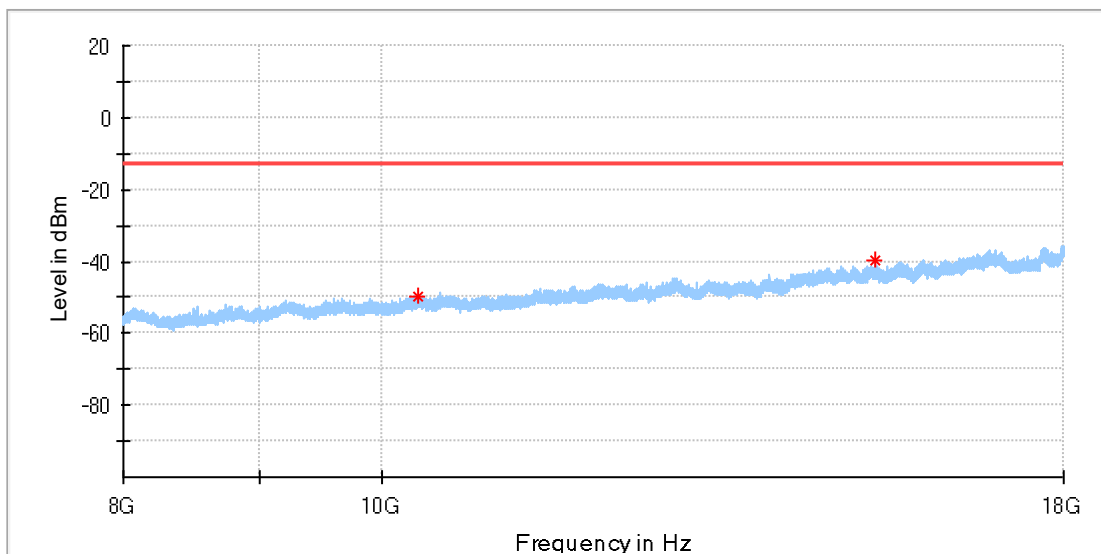
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2058.500000	-37.26	-13.00	24.26	100.0	V	219.0	-89.0
5639.000000	-34.38	-13.00	21.38	100.0	V	283.0	-83.8

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



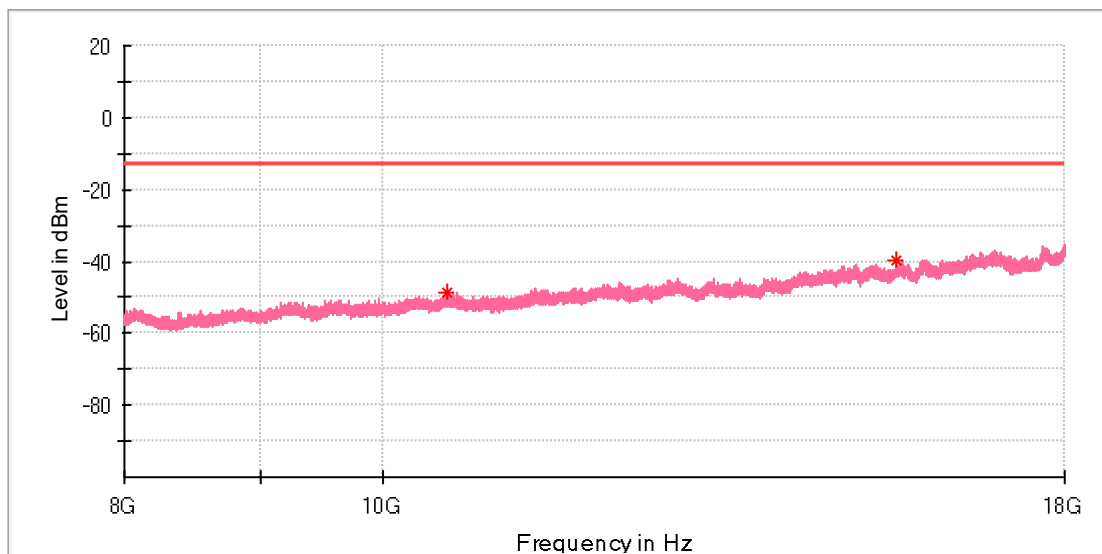
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10307.000000	-49.51	-13.00	36.51	100.0	H	353.0	-83.4
15305.000000	-39.46	-13.00	26.46	100.0	H	219.0	-77.8

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



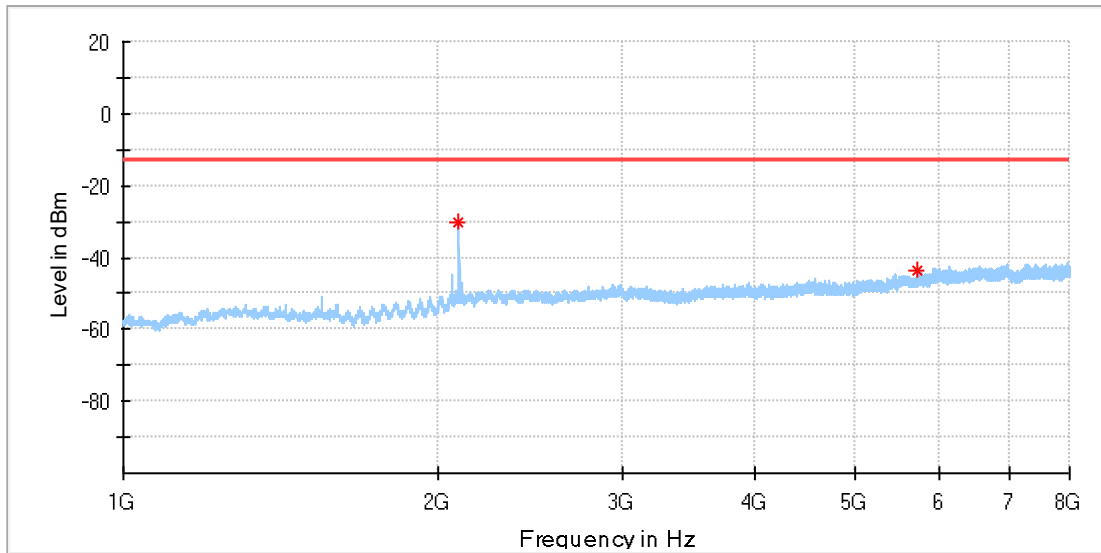
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10569.000000	-48.59	-13.00	35.59	100.0	V	277.0	-82.4
15574.500000	-39.59	-13.00	26.59	100.0	V	298.0	-77.7

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



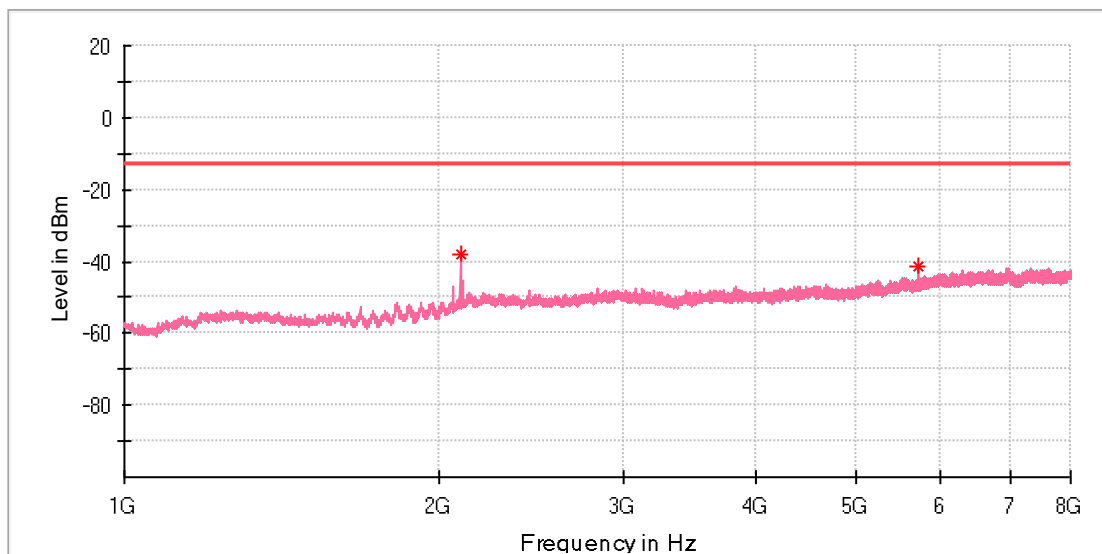
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2090.500000	-30.06	-13.00	17.06	100.0	H	239.0	-88.7
5727.000000	-43.57	-13.00	30.57	100.0	H	139.0	-83.5

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



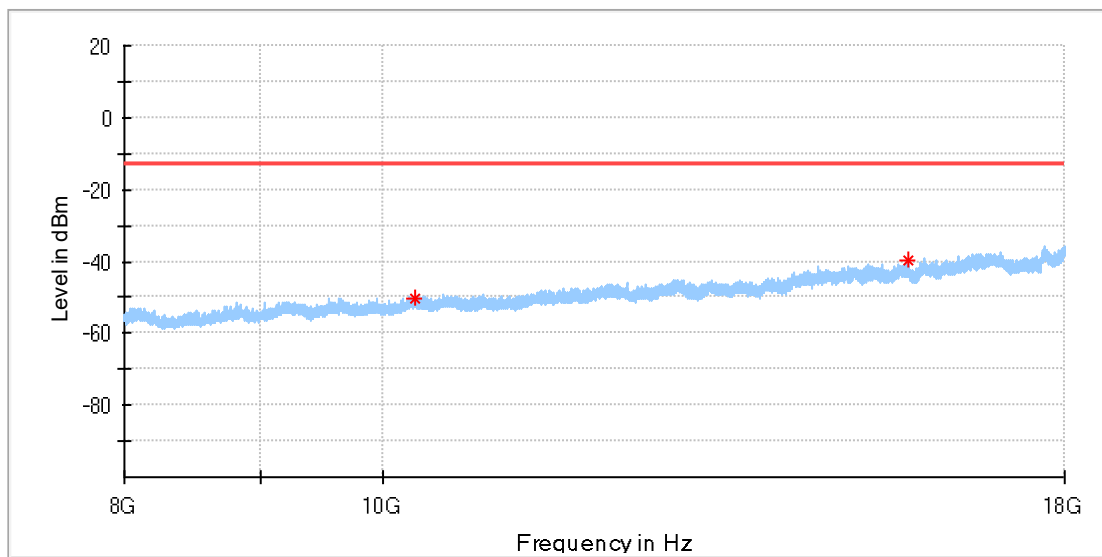
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2092.000000	-38.08	-13.00	25.08	100.0	V	6.0	-88.7
5726.000000	-41.18	-13.00	28.18	100.0	V	293.0	-83.6

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



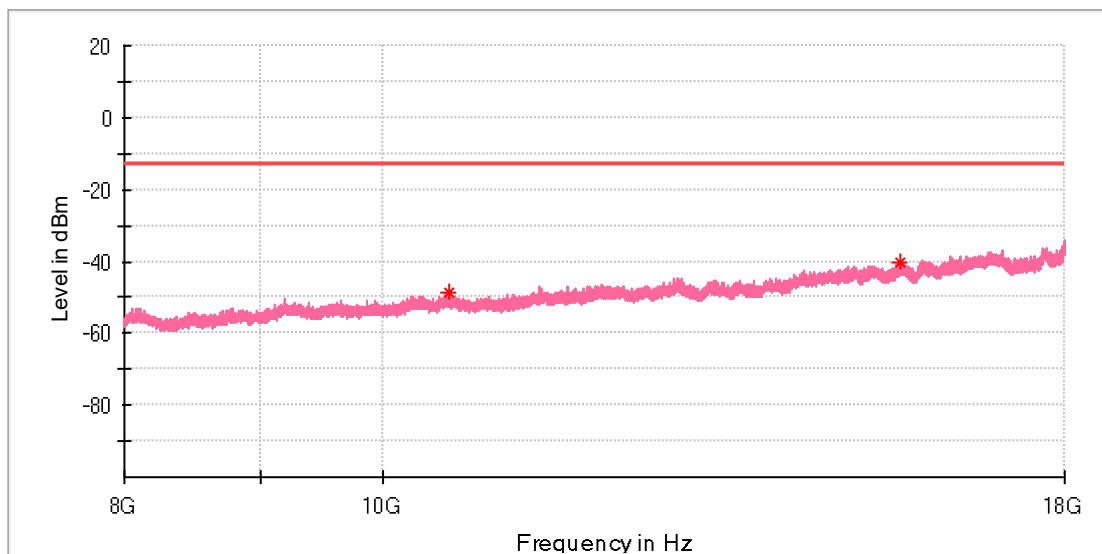
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10272.500000	-50.06	-13.00	37.06	100.0	H	240.0	-83.3
15738.500000	-39.73	-13.00	26.73	100.0	H	0.0	-77.9

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

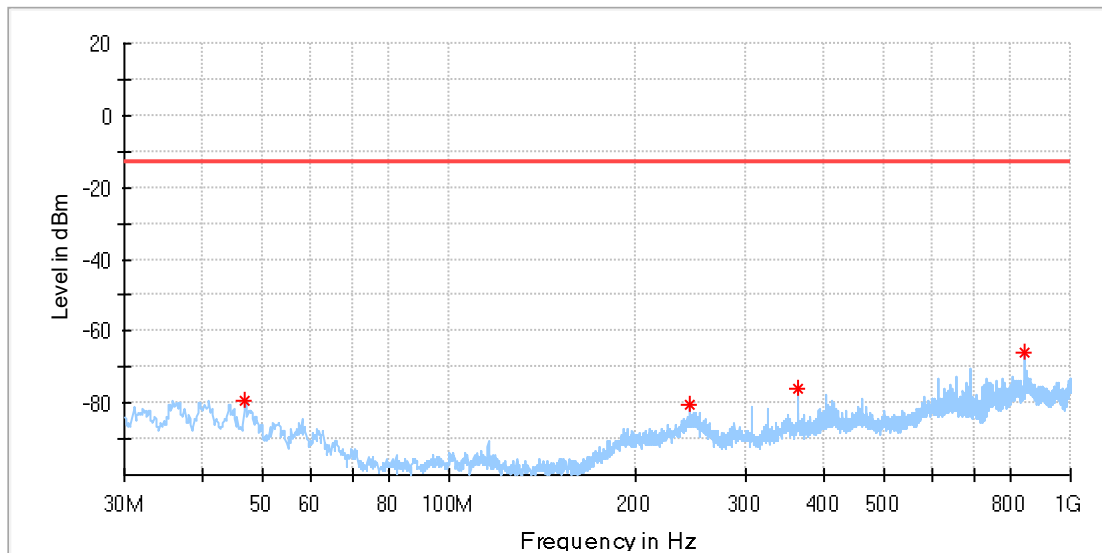
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10585.000000	-48.74	-13.00	35.74	100.0	V	330.0	-82.6
15623.000000	-40.09	-13.00	27.10	100.0	V	40.0	-77.5

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Below 1GHz

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



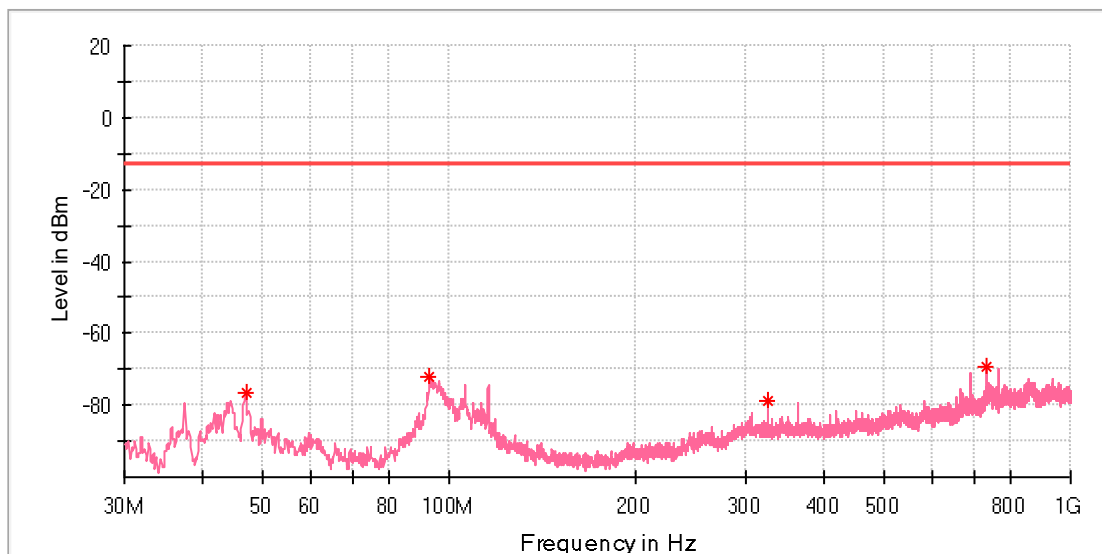
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
46.975000	-79.52	-13.00	66.52	100.0	H	353.0	-114.1
243.400000	-80.52	-13.00	67.52	100.0	H	41.0	-109.9
363.922500	-75.97	-13.00	62.97	100.0	H	222.0	-111.5
844.800000	-65.96	-13.00	52.96	100.0	H	113.0	-99.8

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B2_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak	Limit (dBm)	Margin	Height	Polarization	Azimuth	Corr. (dB)
47.096250	-76.71	-13.00	63.71	100.	V	182.0	-123.
92.928750	-71.88	-13.00	58.88	100.	V	144.0	-102.
326.335000	-79.00	-13.00	66.00	100.	V	0.0	-112.
729.612500	-69.06	-13.00	56.06	100.	V	151.0	-103.

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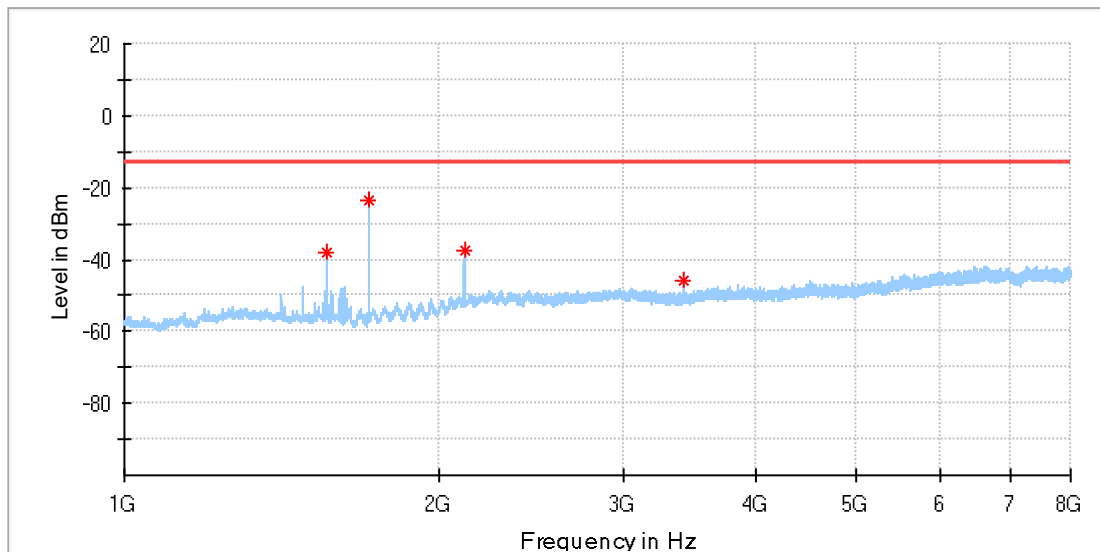
Appendix M.2: Field Strength of Spurious Radiation for Band 4

Only worst-case mode reported.

Above 1GHz

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



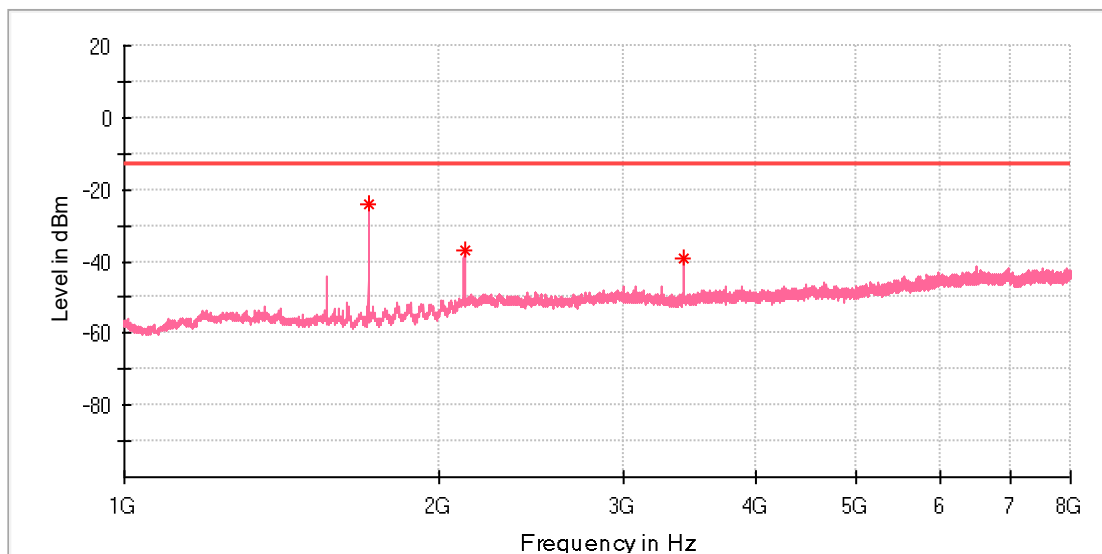
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1561.000000	-38.22	-13.00	25.22	100.0	H	139.0	-93.0
1710.500000	-23.32	-13.00	10.32	100.0	H	147.0	-92.1
2111.000000	-37.63	-13.00	24.63	100.0	H	63.0	-89.0
3420.500000	-46.11	-13.00	33.11	100.0	H	156.0	-87.9

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



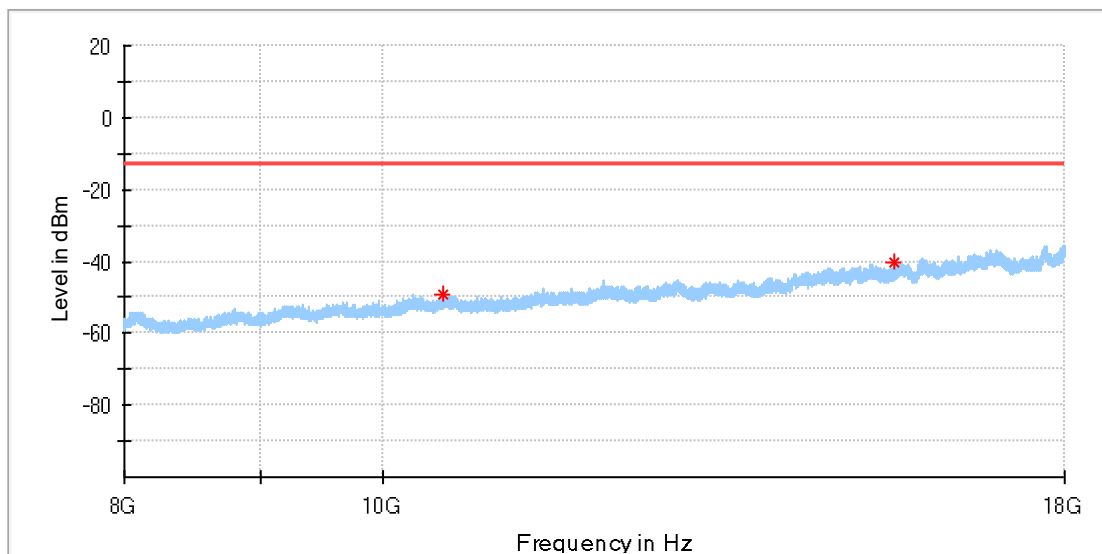
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1710.500000	-24.29	-13.00	11.29	100.0	V	288.0	-91.9
2111.000000	-37.21	-13.00	24.21	100.0	V	62.0	-88.5
3420.500000	-39.43	-13.00	26.43	100.0	V	182.0	-87.7

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



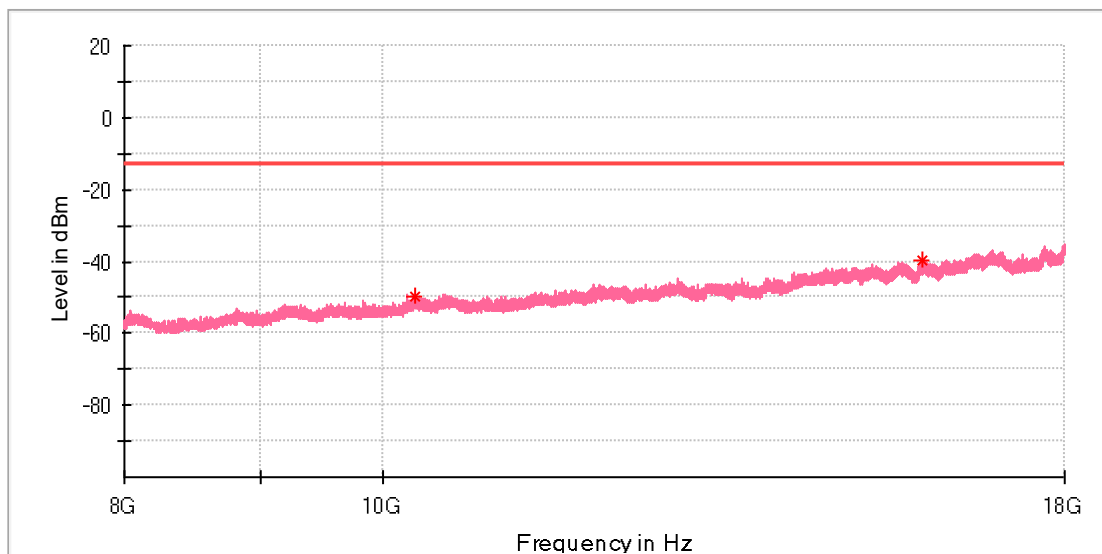
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10536.000000	-49.32	-13.00	36.32	100.0	H	57.0	-82.5
15550.000000	-40.19	-13.00	27.19	100.0	H	232.0	-78.1

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



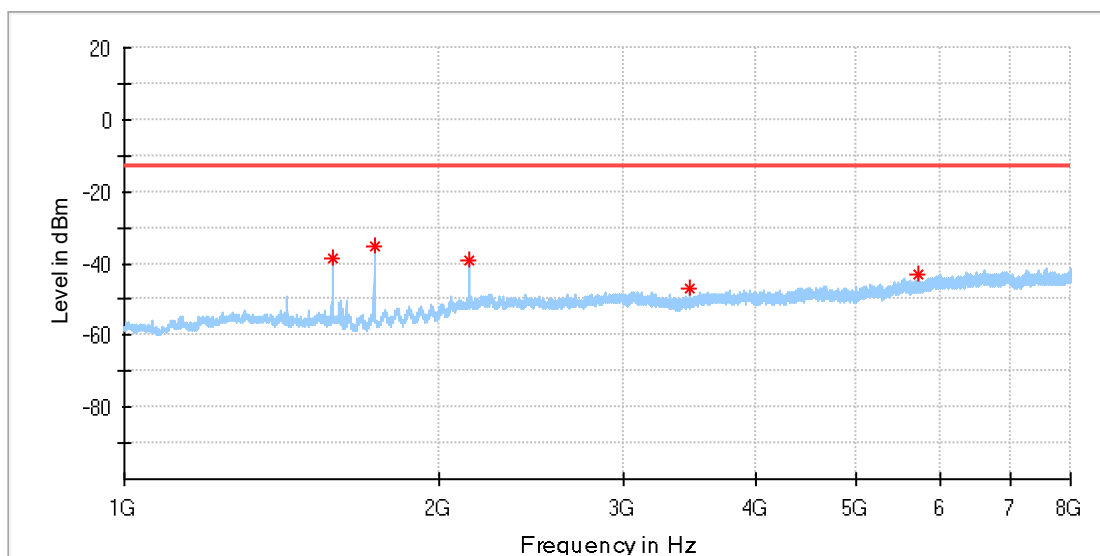
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10285.000000	-49.91	-13.00	36.91	100.0	V	208.0	-83.4
15927.000000	-39.58	-13.00	26.58	100.0	V	0.0	-76.6

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EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
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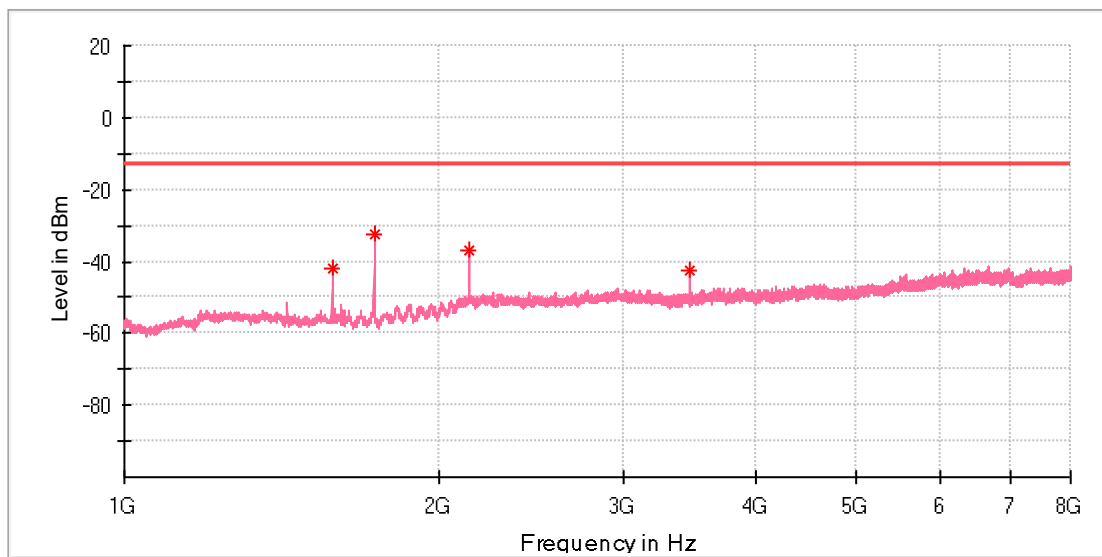
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1581.000000	-38.53	-13.00	25.53	100.0	H	142.0	-93.0
1732.000000	-35.30	-13.00	22.30	100.0	H	228.0	-91.4
2133.000000	-38.88	-13.00	25.88	100.0	H	70.0	-88.2
3464.000000	-47.16	-13.00	34.16	100.0	H	248.0	-88.1
5734.500000	-43.22	-13.00	30.22	100.0	H	318.0	-83.5

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
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Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



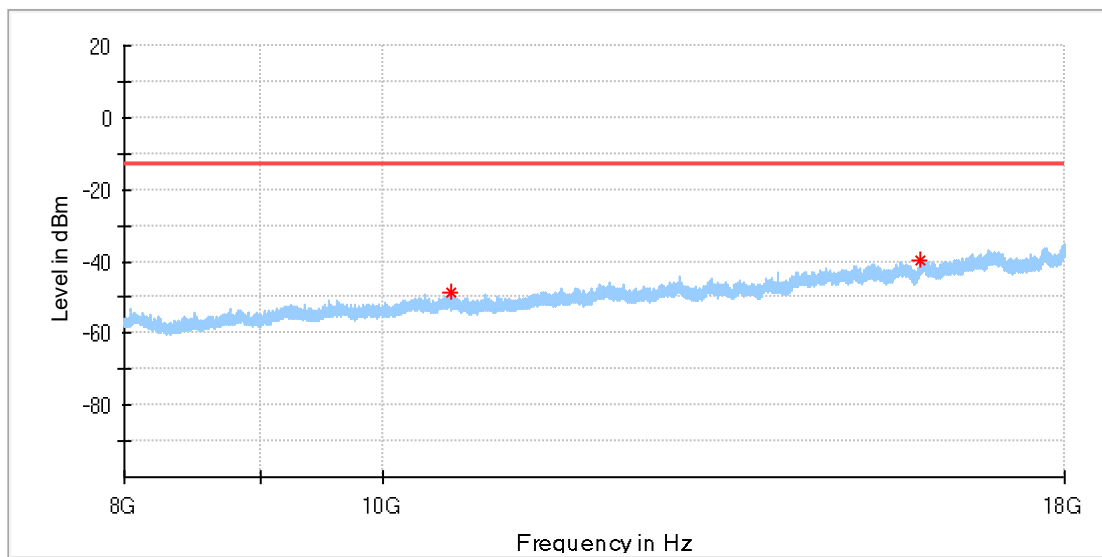
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1581.500000	-41.75	-13.00	28.75	100.0	V	180.0	-93.0
1732.000000	-32.73	-13.00	19.73	100.0	V	135.0	-91.6
2133.000000	-36.66	-13.00	23.66	100.0	V	74.0	-87.7
3464.000000	-42.75	-13.00	29.75	100.0	V	162.0	-87.8

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



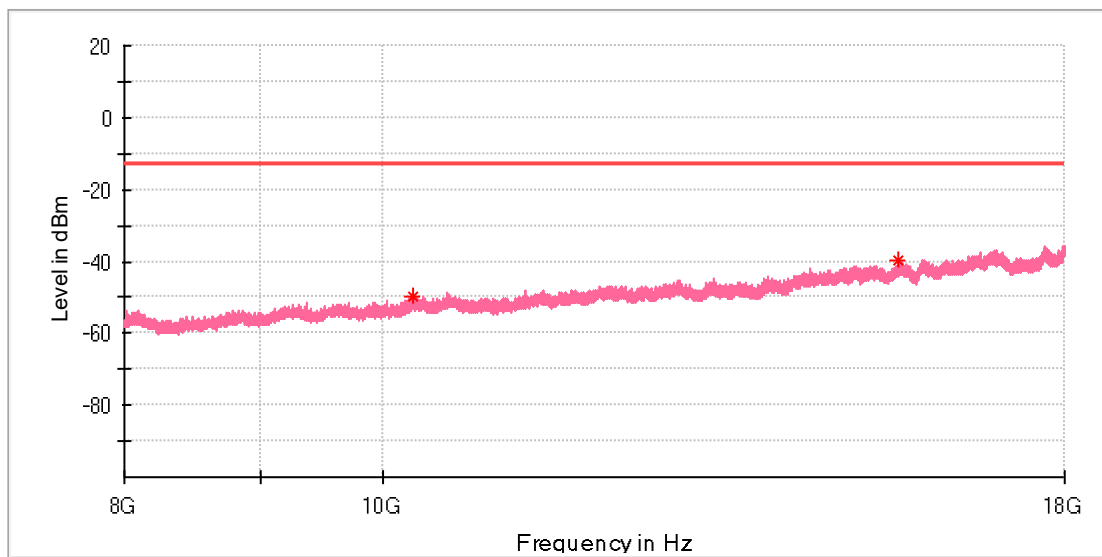
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10605.500000	-48.64	-13.00	35.64	100.0	H	245.0	-83.1
15904.500000	-39.61	-13.00	26.61	100.0	H	1.0	-76.7

Produkte
 Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



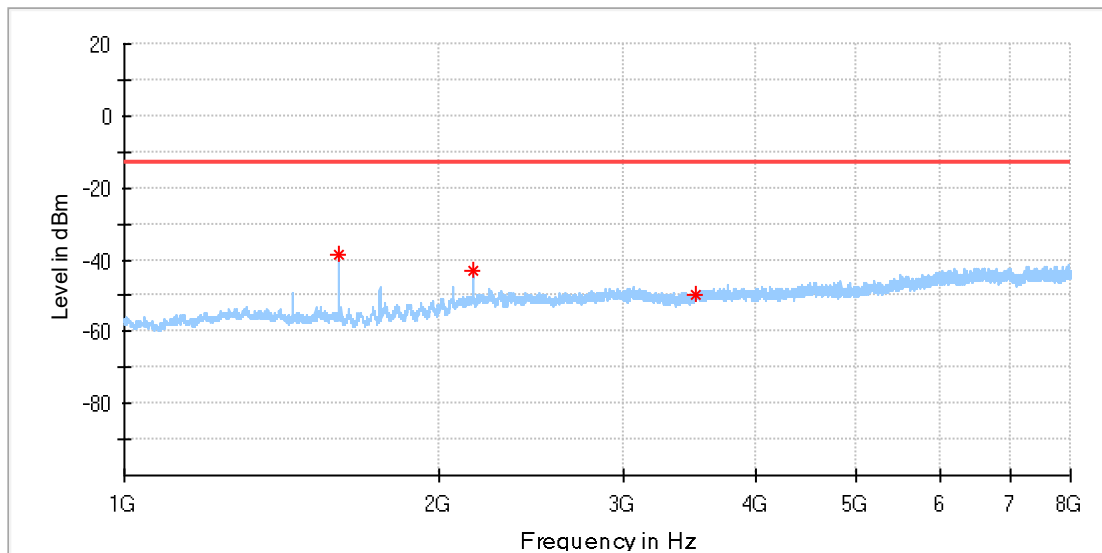
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10263.000000	-49.58	-13.00	36.58	100.0	V	173.0	-83.4
15600.000000	-39.90	-13.00	26.90	100.0	V	328.0	-77.4

Produkte
 Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



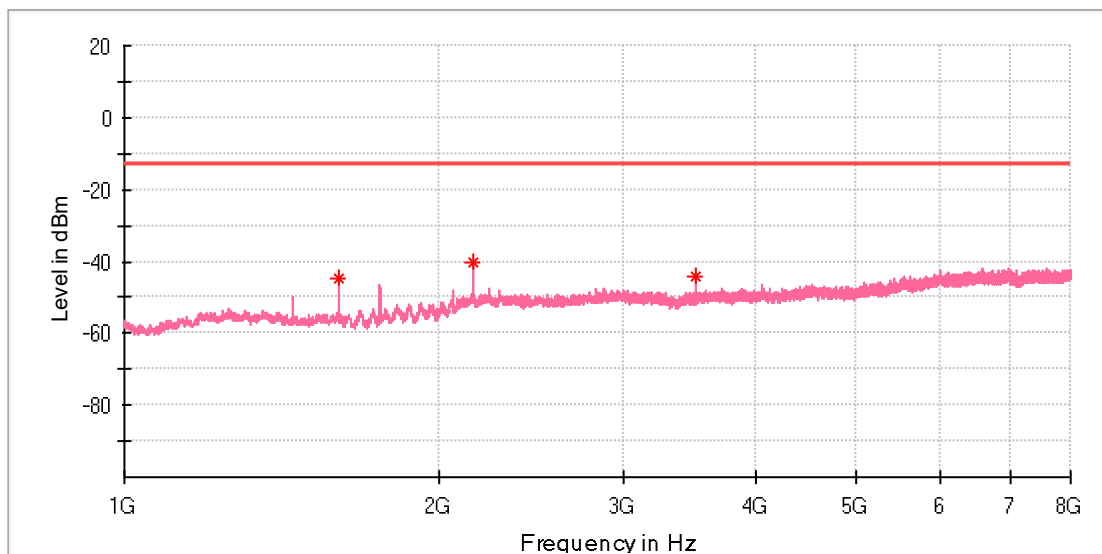
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1601.000000	-38.54	-13.00	25.54	100.0	H	137.0	-92.8
2154.000000	-43.00	-13.00	30.00	100.0	H	203.0	-88.6
3510.000000	-49.77	-13.00	36.77	100.0	H	332.0	-87.3

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



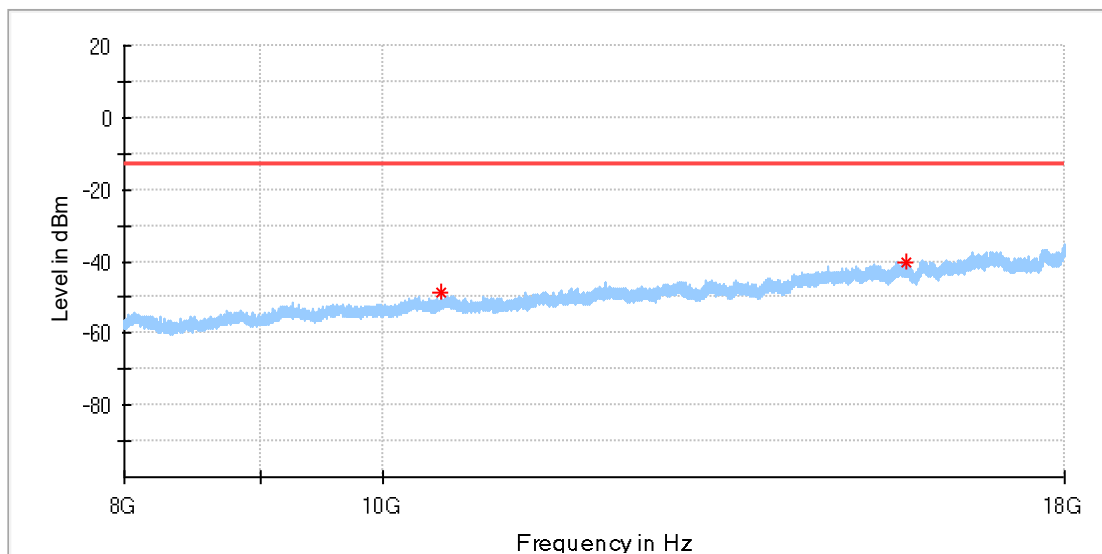
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1601.500000	-44.59	-13.00	31.59	100.0	V	30.0	-92.9
2154.000000	-40.13	-13.00	27.13	100.0	V	268.0	-88.1
3507.000000	-44.25	-13.00	31.25	100.0	V	279.0	-87.5

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



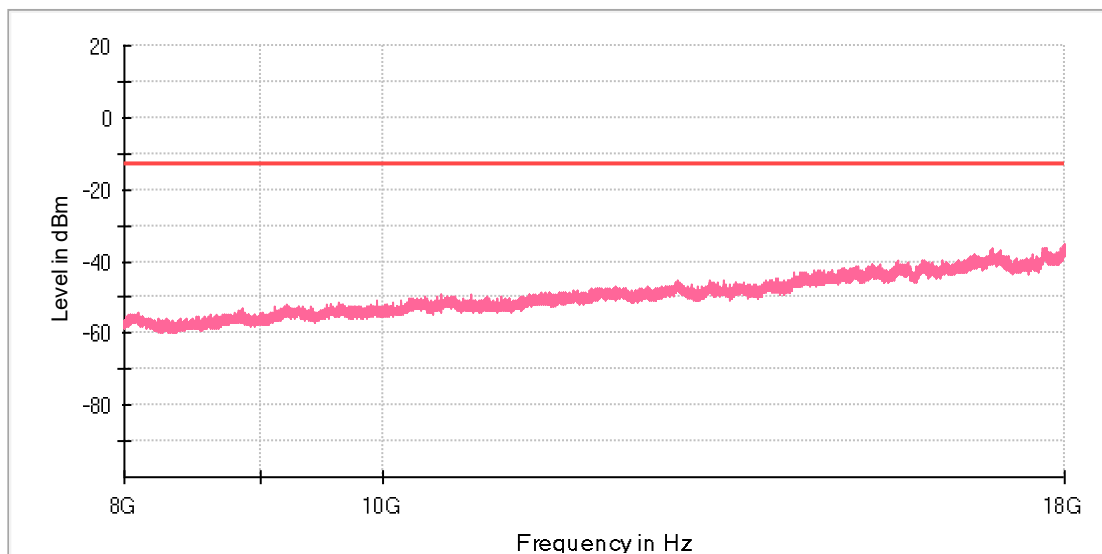
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10507.000000	-48.50	-13.00	35.50	100.0	H	127.0	-82.8
15693.000000	-40.06	-13.00	27.06	100.0	H	147.0	-77.7

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



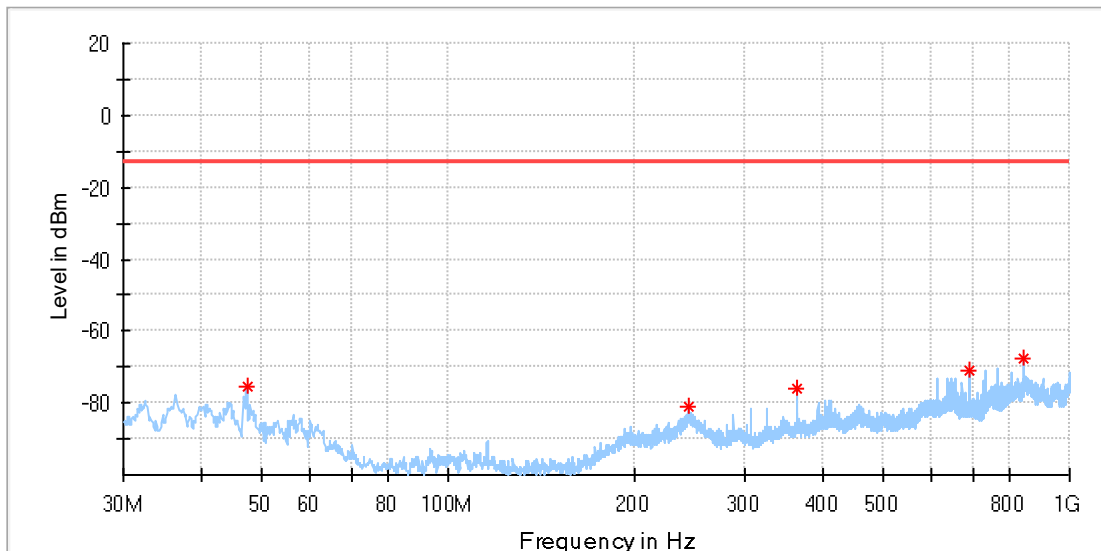
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Produkte
 Products

Below 1GHz
EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



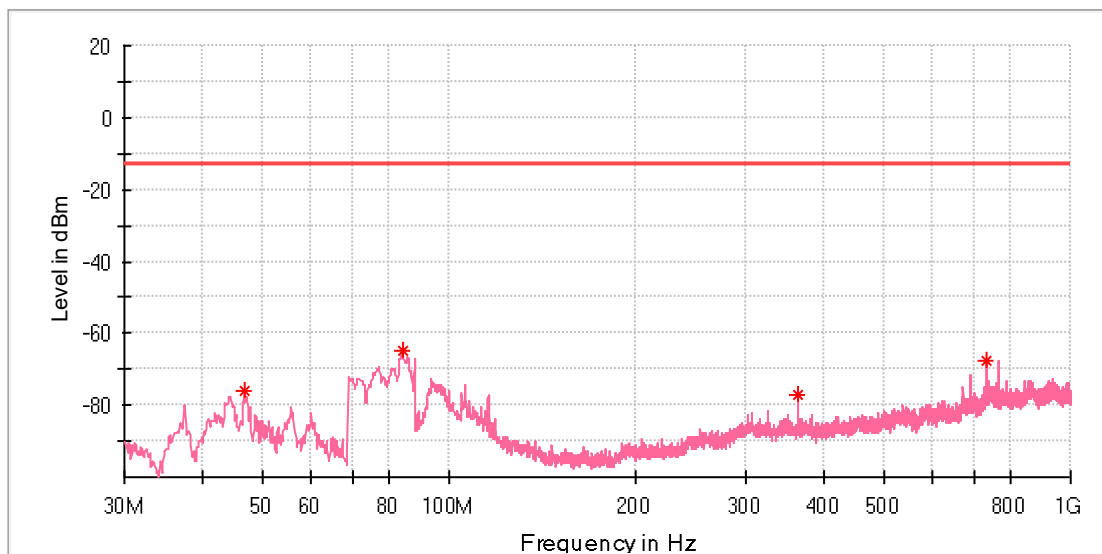
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
47.460000	-75.52	-13.00	62.52	100.0	H	1.0	-114.1
244.248750	-81.19	-13.00	68.19	100.0	H	331.0	-110.0
363.922500	-75.93	-13.00	62.93	100.0	H	71.0	-111.5
691.176250	-71.15	-13.00	58.15	100.0	H	48.0	-106.0
844.921250	-67.82	-13.00	54.82	100.0	H	228.0	-99.8

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B4_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

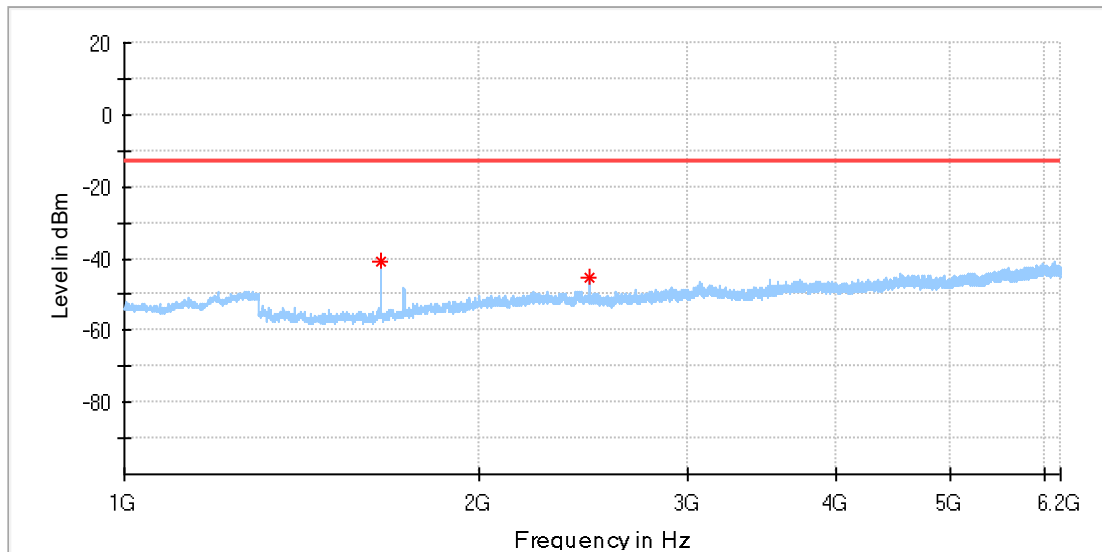
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
46.853750	-76.09	-13.00	63.09	100.0	V	55.0	-122.8
84.077500	-65.05	-13.00	52.05	100.0	V	280.0	-117.5
363.922500	-77.16	-13.00	64.16	100.0	V	196.0	-111.1
729.612500	-67.80	-13.00	54.80	100.0	V	181.0	-103.0

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

Only worst-case mode reported.

Above 1GHz EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



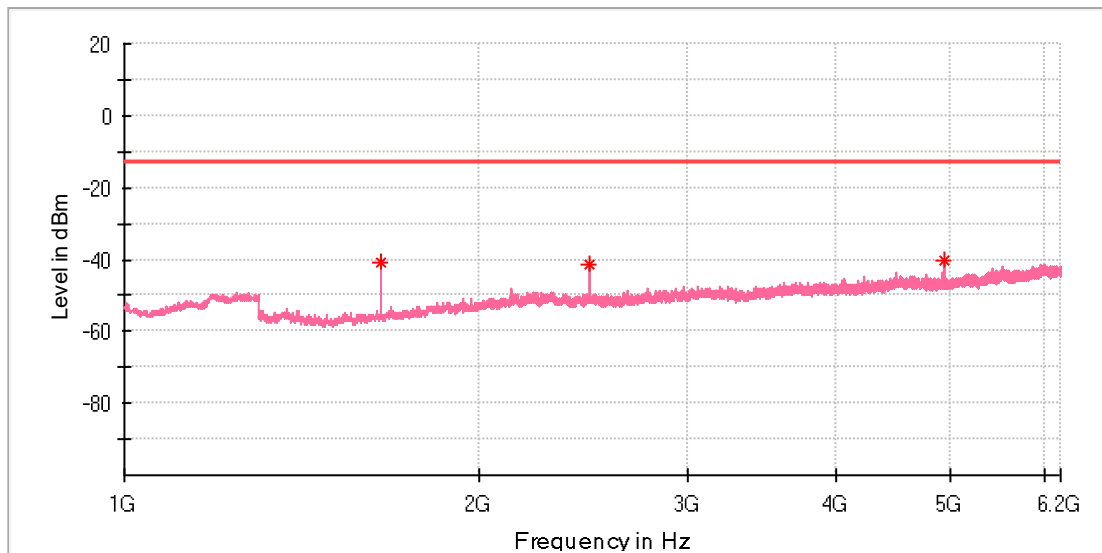
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-41.01	-13.00	28.01	100.0	H	88.0	-92.4
2472.500000	-45.55	-13.00	32.55	100.0	H	198.0	-87.9

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



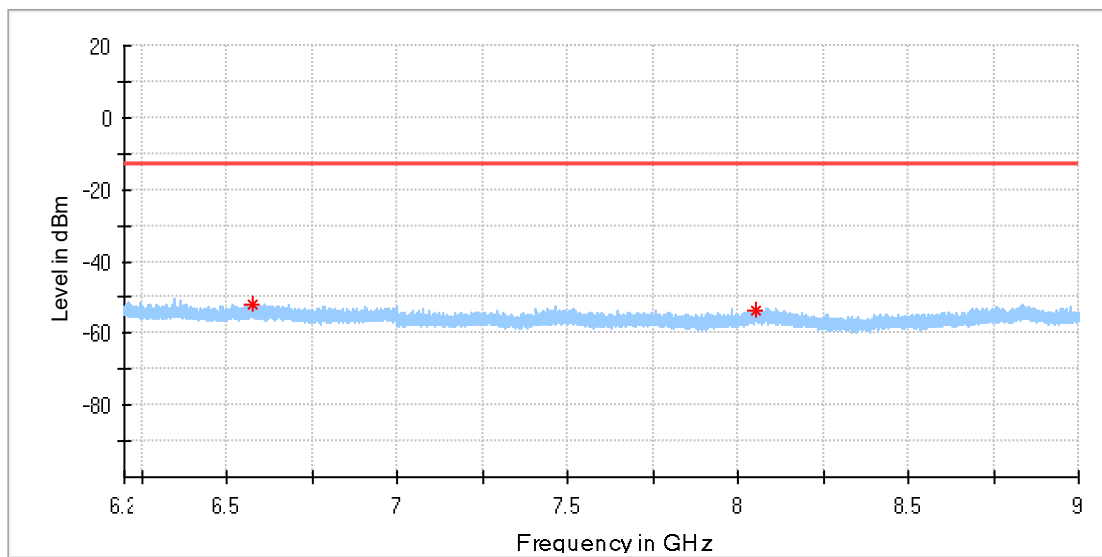
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-40.77	-13.00	27.77	100.0	V	171.0	-92.4
2472.500000	-41.47	-13.00	28.47	100.0	V	137.0	-88.0
4945.500000	-40.26	-13.00	27.26	100.0	V	229.0	-84.0

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



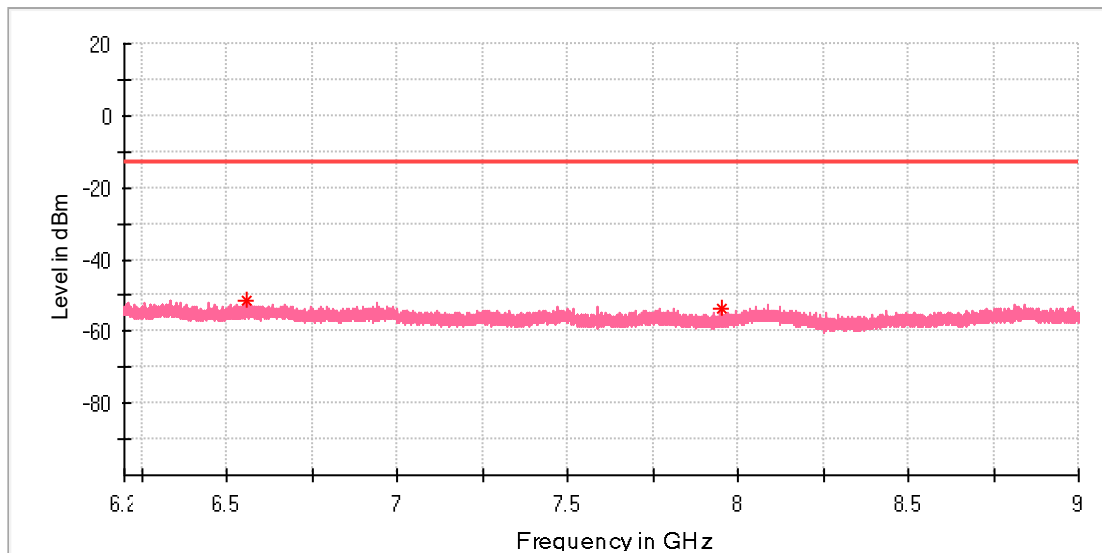
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6576.133333	-51.93	-13.00	38.93	100.0	H	169.0	-87.5
8051.266667	-53.63	-13.00	40.64	100.0	H	190.0	-86.9

Produkte
 Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



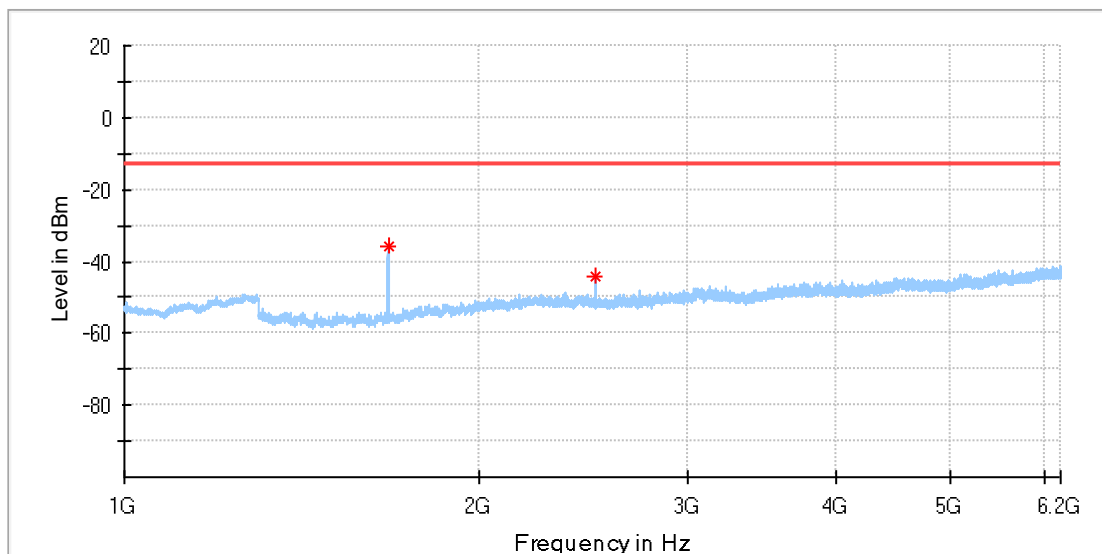
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6556.533333	-51.66	-13.00	38.66	100.0	V	264.0	-87.3
7953.616667	-53.69	-13.00	40.69	100.0	V	282.0	-87.7

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



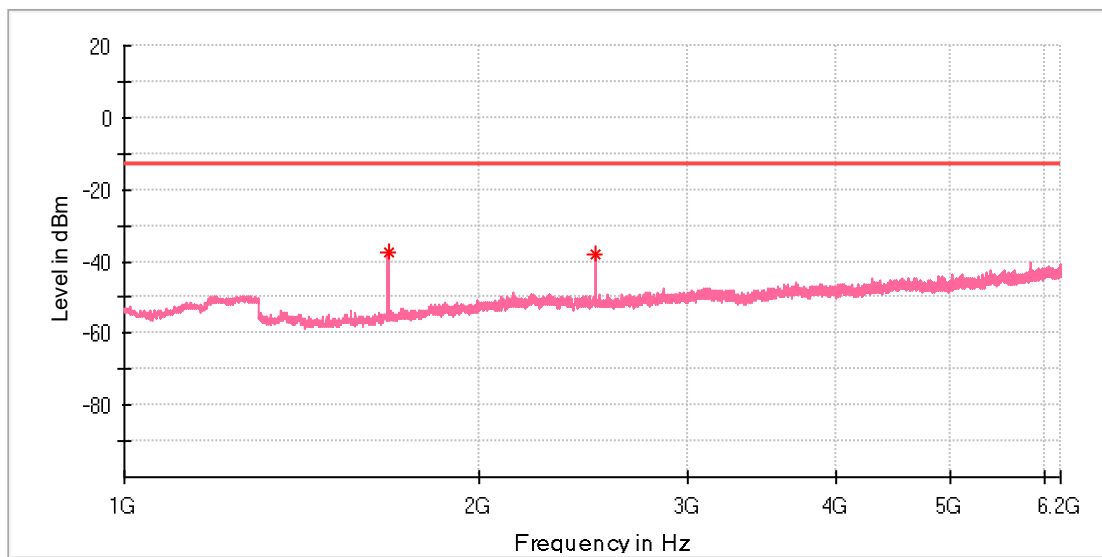
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-35.95	-13.00	22.95	100.0	H	150.0	-92.5
2507.500000	-44.25	-13.00	31.25	100.0	H	0.0	-88.3

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



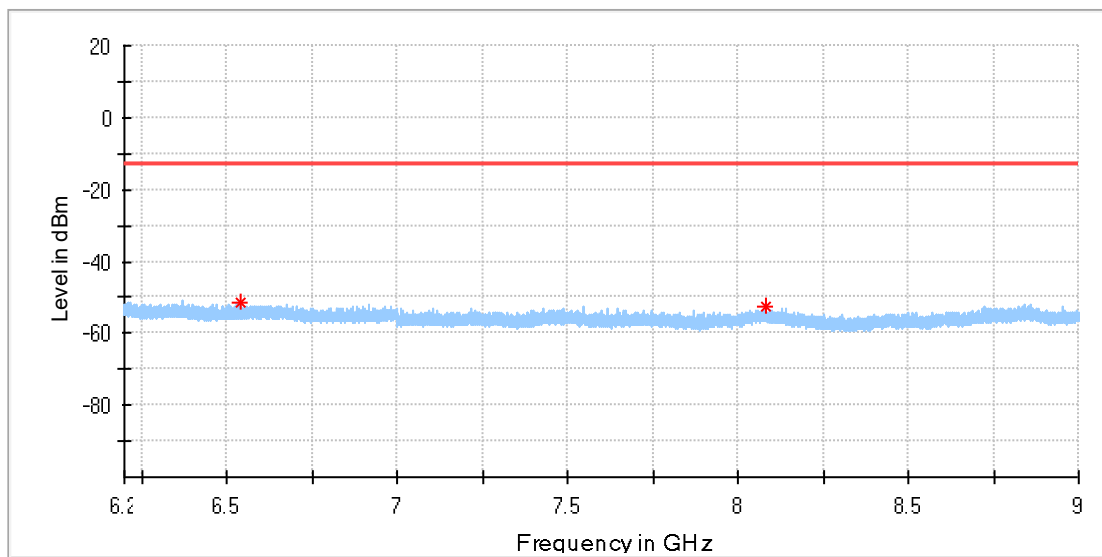
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-37.47	-13.00	24.47	100.0	V	138.0	-92.2
2508.000000	-38.05	-13.00	25.05	100.0	V	331.0	-88.2

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



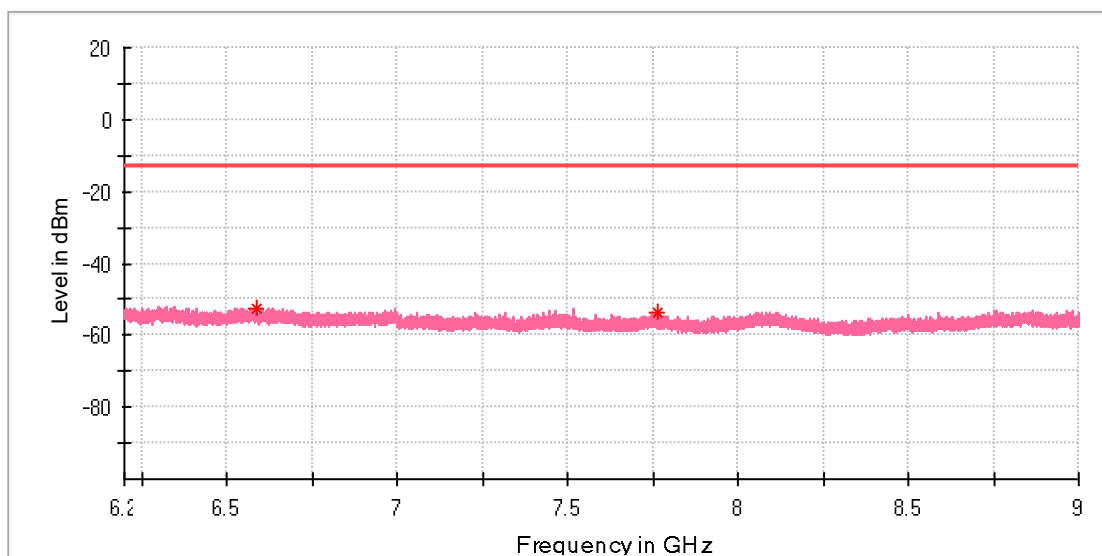
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6541.833333	-51.40	-13.00	38.40	100.0	H	230.0	-87.4
8083.466667	-52.72	-13.00	39.72	100.0	H	120.0	-86.6

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



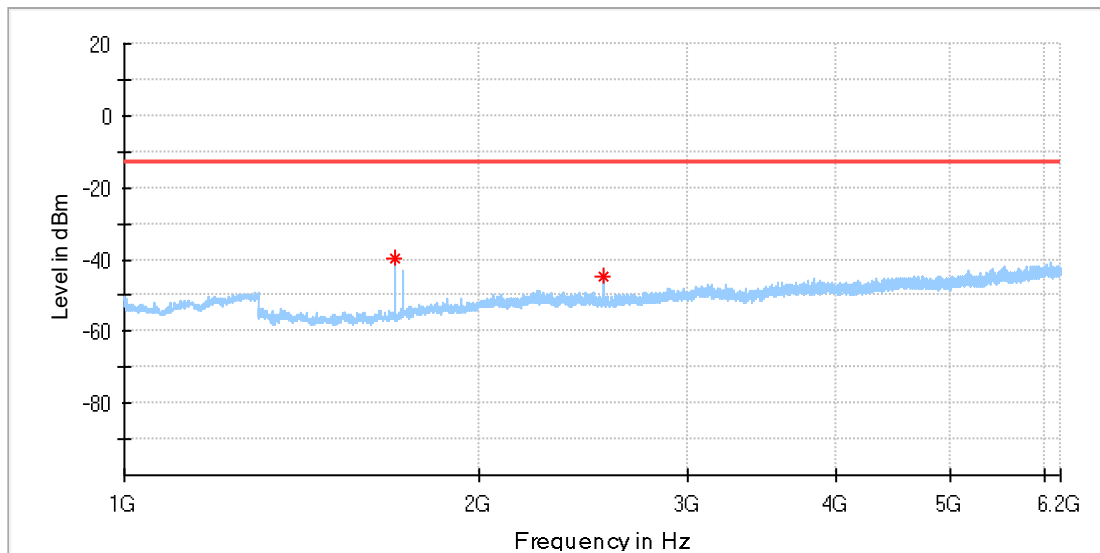
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6587.216667	-52.73	-13.00	39.73	100.0	V	298.0	-87.8
7762.983333	-53.48	-13.00	40.48	100.0	V	57.0	-87.7

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



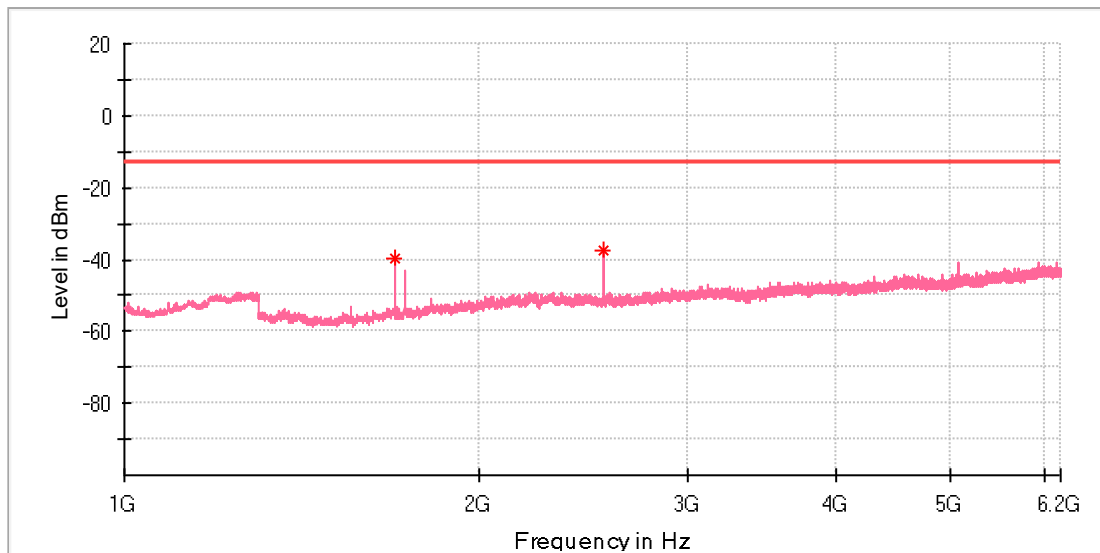
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.000000	-39.59	-13.00	26.59	100.0	H	136.0	-92.4
2543.000000	-44.84	-13.00	31.84	100.0	H	228.0	-88.3

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_High Channel
Order No./Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



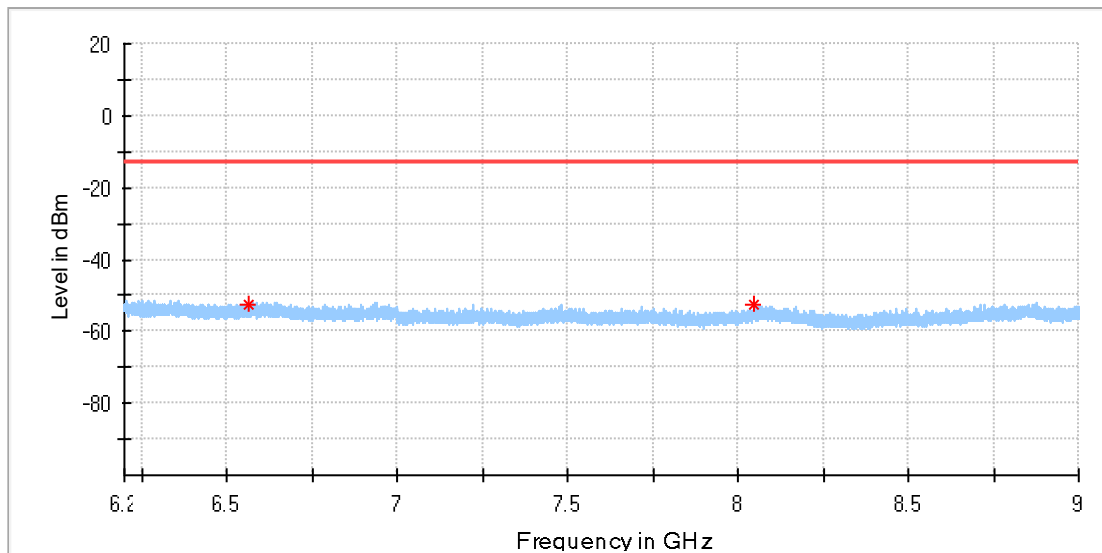
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-39.44	-13.00	26.44	100.0	V	92.0	-92.1
2543.500000	-37.24	-13.00	24.24	100.0	V	245.0	-88.4

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



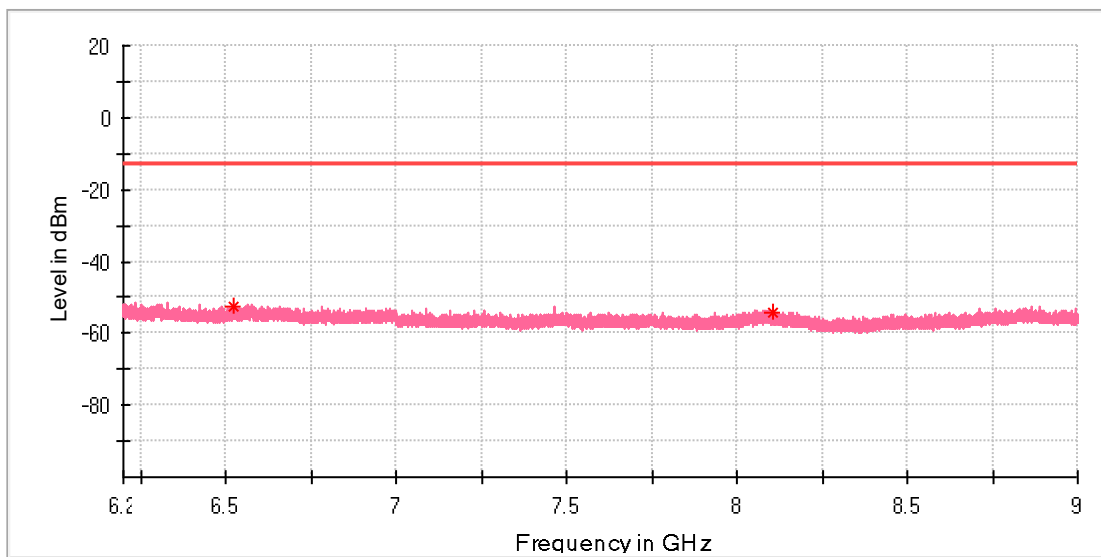
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6562.250000	-52.31	-13.00	39.31	100.0	H	104.0	-87.4
8048.700000	-52.59	-13.00	39.59	100.0	H	181.0	-86.9

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



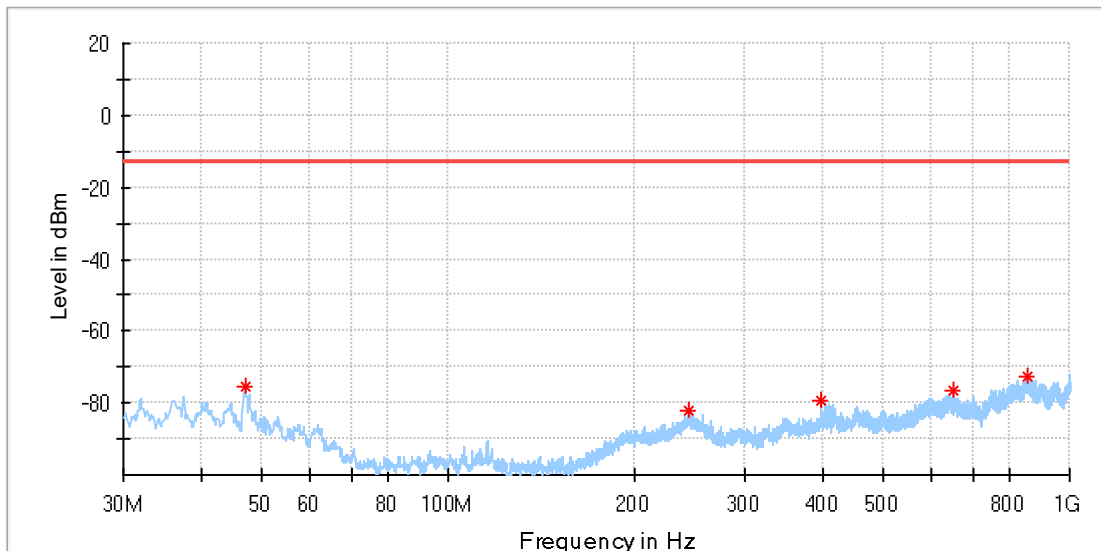
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6524.916667	-52.63	-13.00	39.63	100.0	V	103.0	-87.5
8103.533333	-54.35	-13.00	41.35	100.0	V	300.0	-86.8

Produkte
Products

Below 1GHz
EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



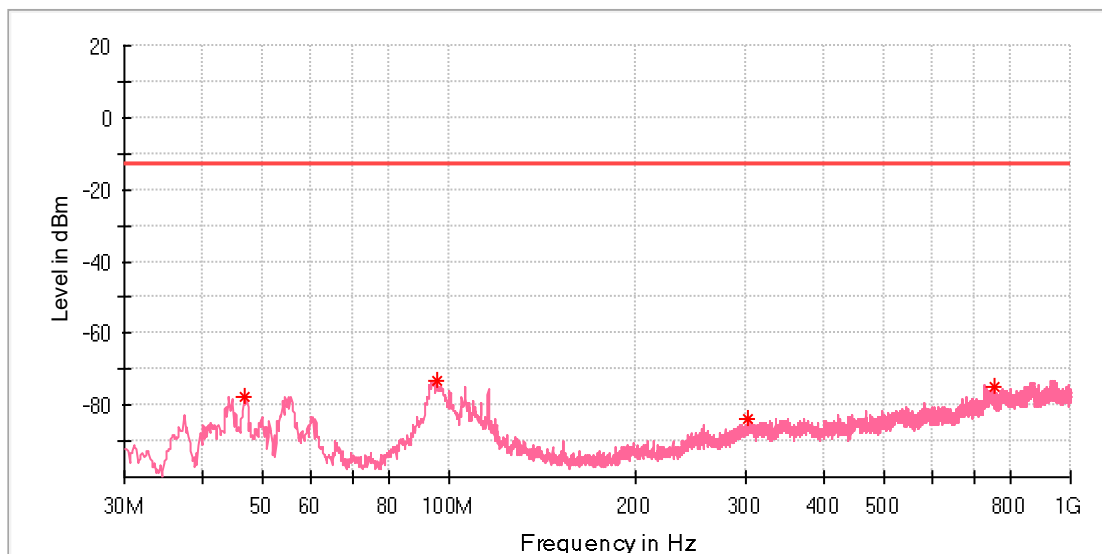
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
47.096250	-75.41	-13.00	62.41	100.0	H	158.0	-114.1
243.763750	-82.30	-13.00	69.30	100.0	H	6.0	-110.0
396.781250	-79.61	-13.00	66.61	100.0	H	235.0	-110.4
649.587500	-76.69	-13.00	63.69	100.0	H	228.0	-104.4
858.501250	-72.63	-13.00	59.63	100.0	H	33.0	-99.4

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B5_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
46.853750	-77.57	-13.00	64.57	100.0	V	175.0	-122.8
95.353750	-72.94	-13.00	59.94	100.0	V	297.0	-100.2
303.418750	-84.04	-13.00	71.04	100.0	V	267.0	-111.0
754.105000	-74.78	-13.00	61.78	100.0	V	110.0	-102.6

Produkte
 Products

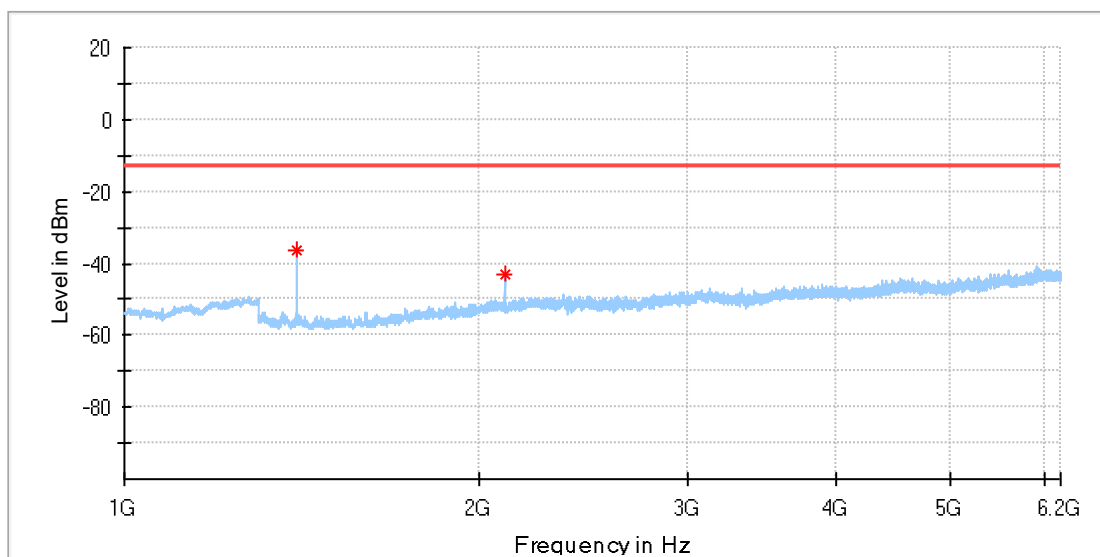
Appendix M.4: Field Strength of Spurious Radiation for Band 12

Only worst-case mode reported.

Above 1GHz

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



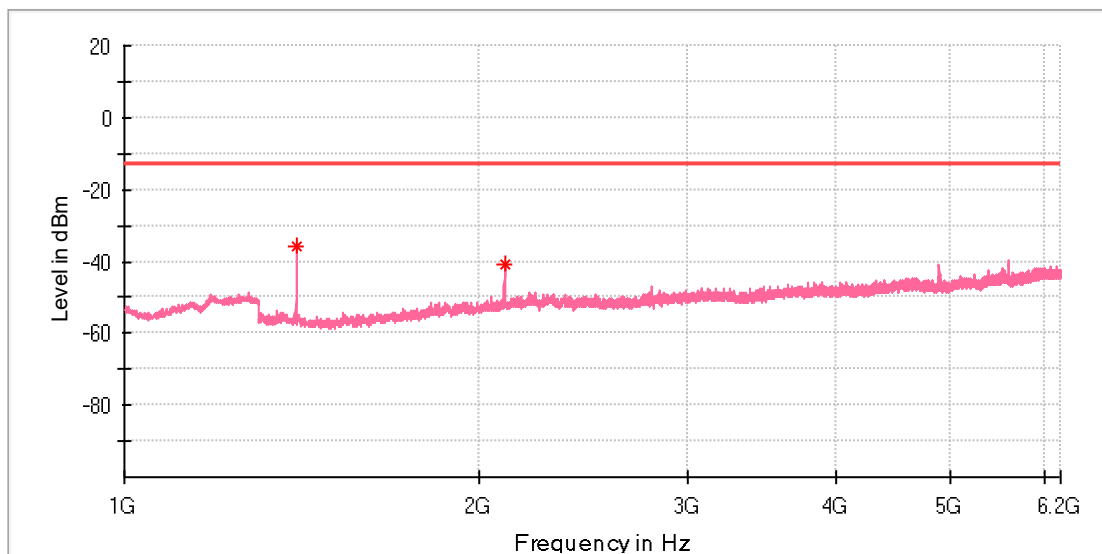
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-36.44	-13.00	23.44	100.0	H	135.0	-93.0
2097.500000	-42.84	-13.00	29.84	100.0	H	37.0	-88.8

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



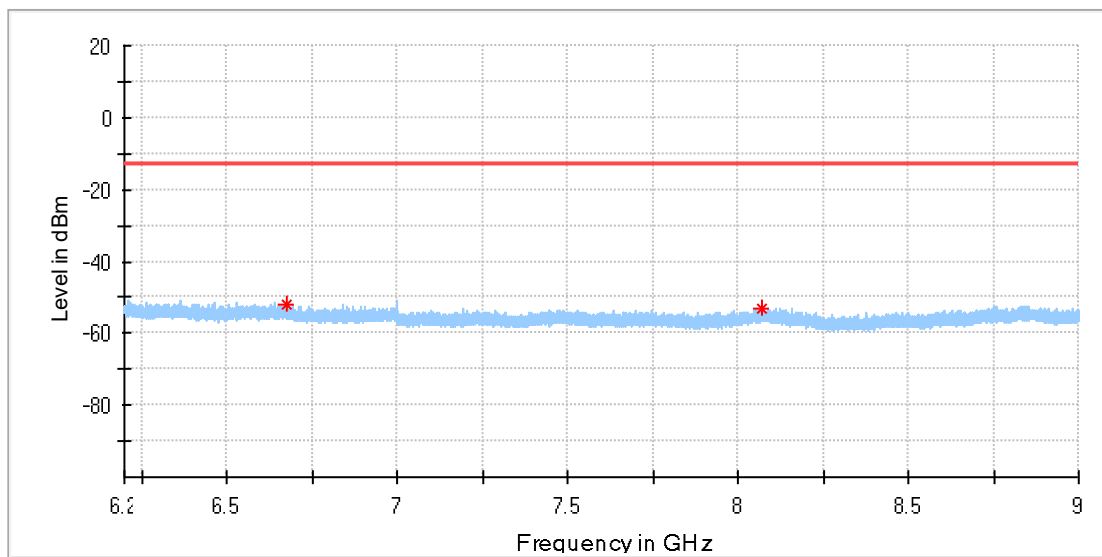
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.500000	-35.92	-13.00	22.92	100.0	V	263.0	-92.8
2097.500000	-40.91	-13.00	27.91	100.0	V	290.0	-88.6

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



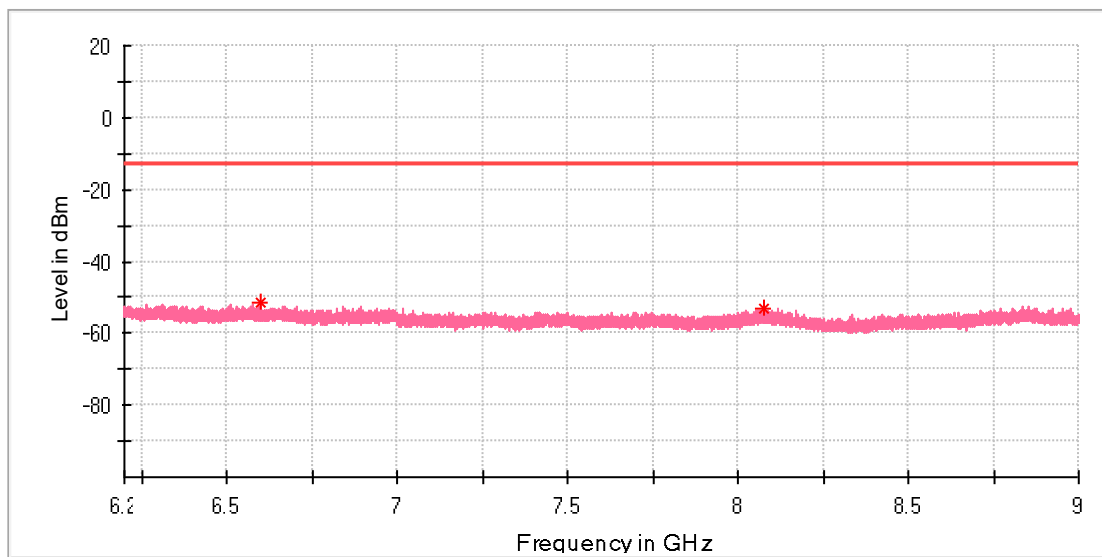
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6674.016667	-51.74	-13.00	38.74	100.0	H	136.0	-87.7
8070.866667	-53.27	-13.00	40.27	100.0	H	222.0	-86.7

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_Low Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



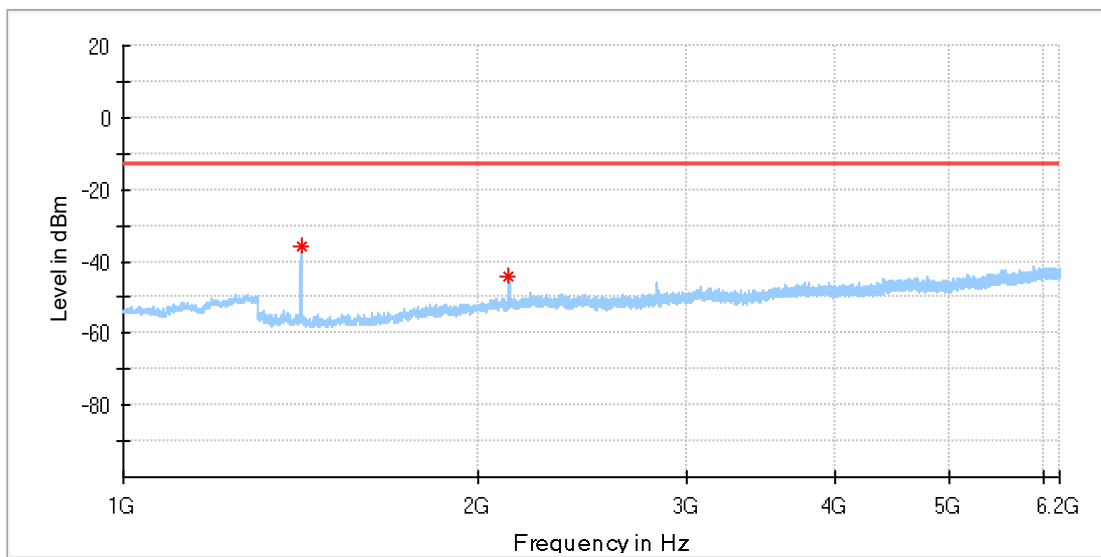
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6597.483333	-51.61	-13.00	38.61	100.0	V	331.0	-88.0
8074.366667	-53.33	-13.00	40.33	100.0	V	290.0	-86.7

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_MidChannel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



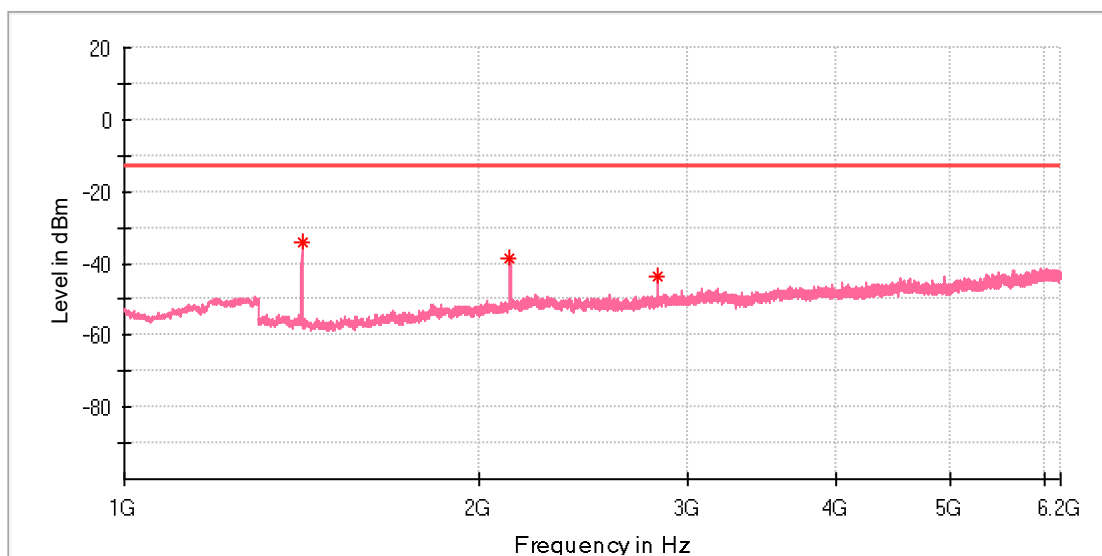
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-35.86	-13.00	22.86	100.0	H	11.0	-92.5
2121.000000	-43.94	-13.00	30.94	100.0	H	50.0	-88.6

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_MidChannel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



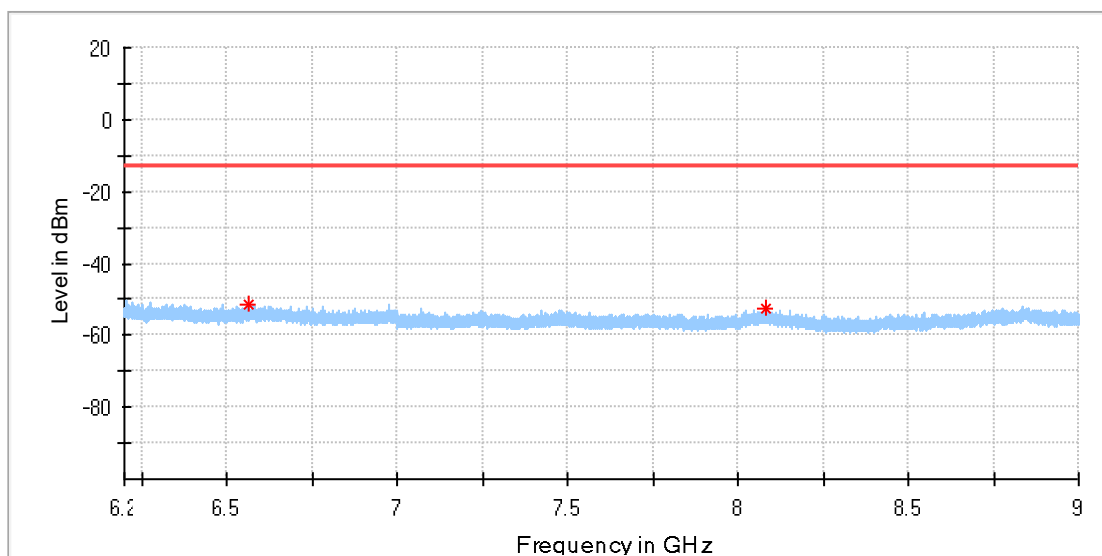
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.500000	-33.92	-13.00	20.92	100.0	V	234.0	-92.9
2121.000000	-38.65	-13.00	25.65	100.0	V	101.0	-88.1
2828.000000	-43.36	-13.00	30.36	100.0	V	33.0	-87.4

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



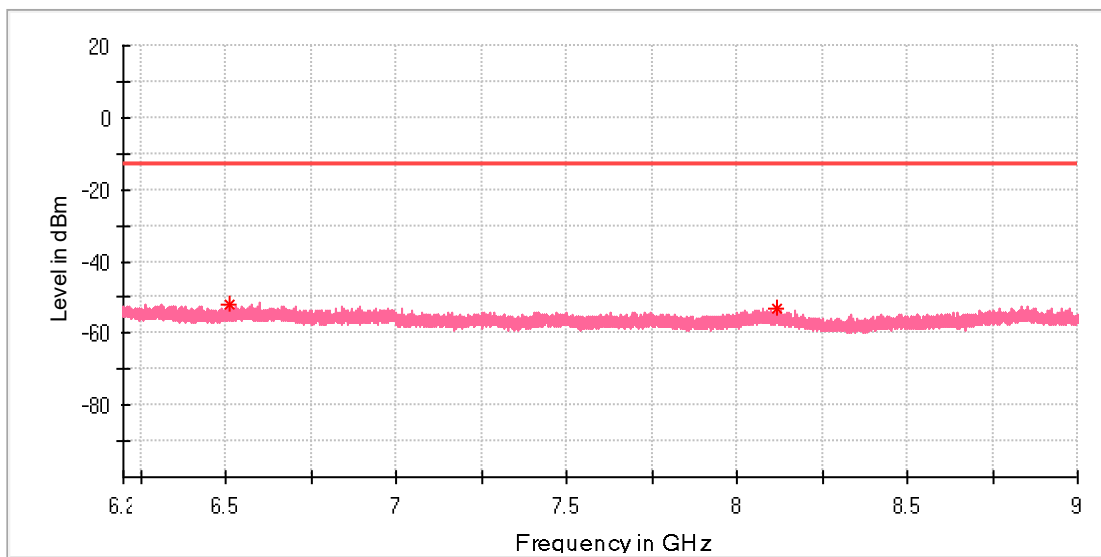
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6562.366667	-51.66	-13.00	38.66	100.0	H	242.0	-87.4
8082.533333	-52.78	-13.00	39.78	100.0	H	333.0	-86.6

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_Mid Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



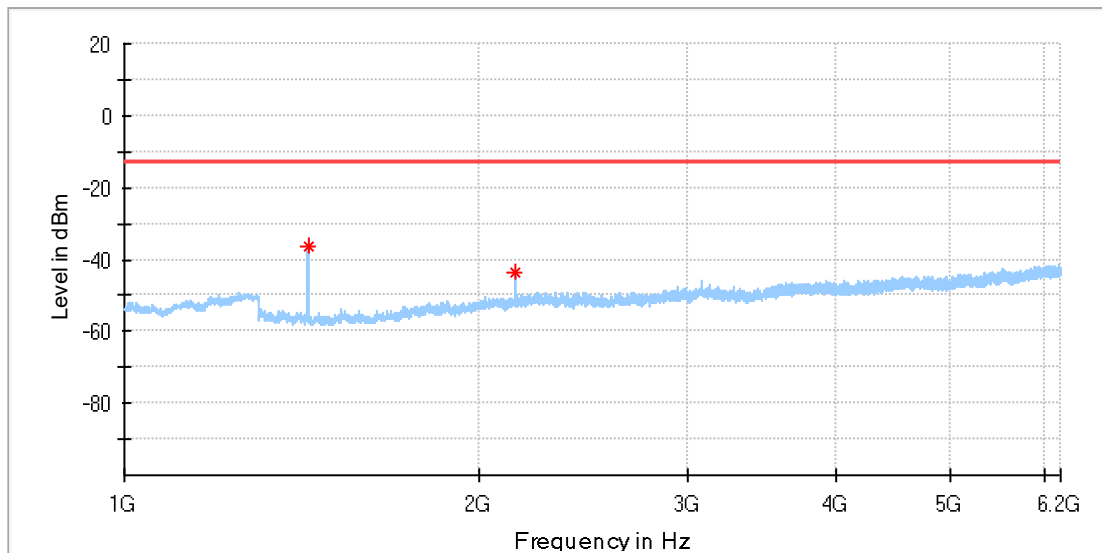
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6512.783333	-52.26	-13.00	39.26	100.0	V	310.0	-87.6
8117.066667	-53.07	-13.00	40.07	100.0	V	238.0	-86.9

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



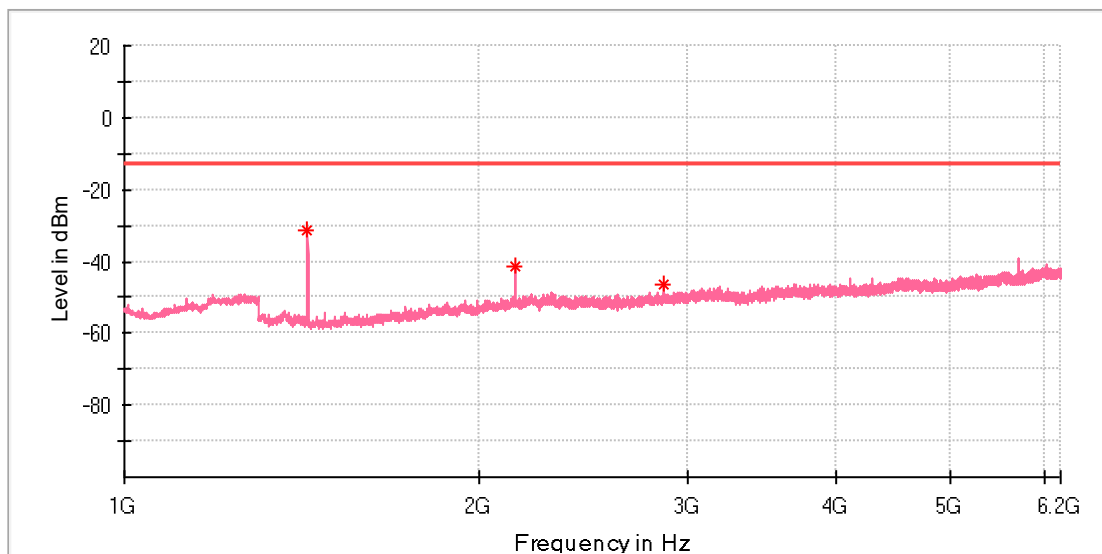
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1430.000000	-36.50	-13.00	23.50	100.0	H	137.0	-93.4
2144.500000	-43.82	-13.00	30.82	100.0	H	128.0	-88.5

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



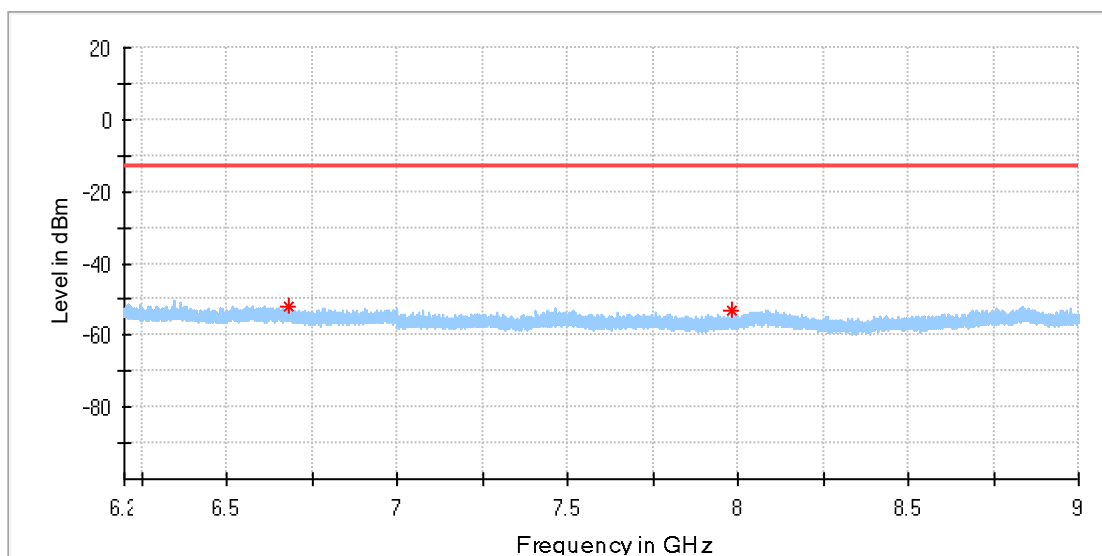
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.500000	-31.58	-13.00	18.58	100.0	V	121.0	-93.5
2144.500000	-41.54	-13.00	28.54	100.0	V	81.0	-87.9
2859.500000	-46.26	-13.00	33.26	100.0	V	128.0	-87.0

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



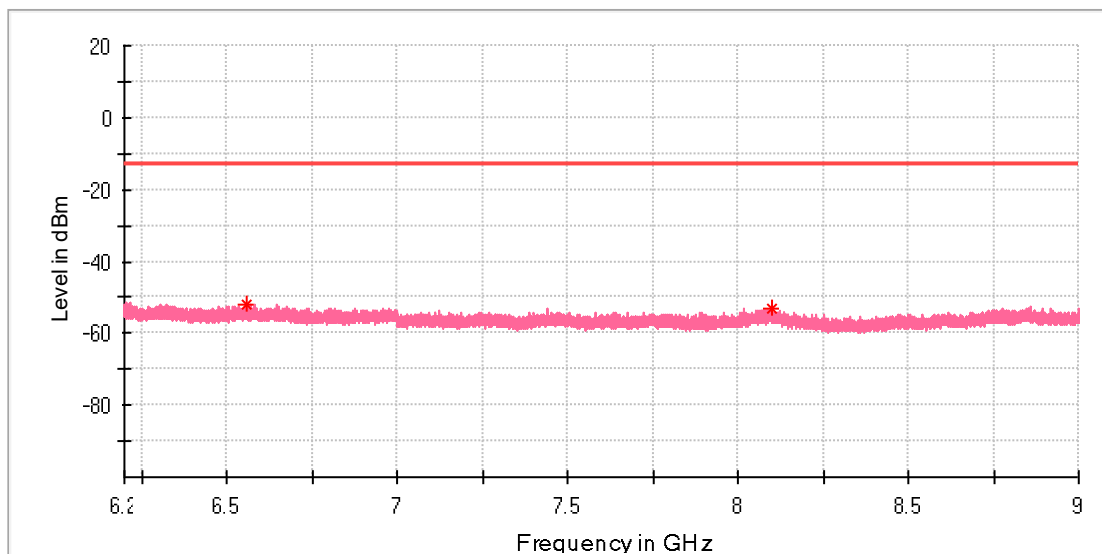
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6681.833333	-52.19	-13.00	39.19	100.0	H	306.0	-87.8
7980.333333	-52.93	-13.00	39.93	100.0	H	346.0	-87.8

Produkte
Products

EUT Information

EUT Name:	CAT-M Module
Model:	ME910G1-W3
Test Mode:	B12_1.4M_QPSK_1@0_High Channel
Order No/Sample No:	168335486/A003166918-003
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:54%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6561.316667	-52.12	-13.00	39.12	100.0	V	326.0	-87.3
8100.616667	-53.39	-13.00	40.39	100.0	V	300.0	-86.8