

Appendix B: Test Results of Field Strength of Spurious Radiation

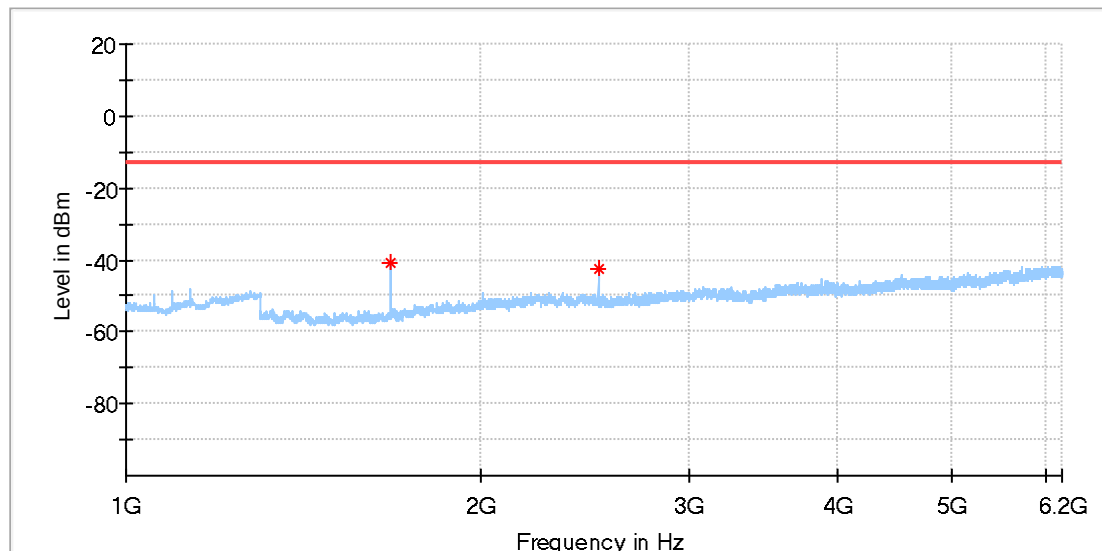
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Appendix B.1: Test Results of Field Strength of Spurious Radiation, GSM850

Test Report

EUT Information

EUT Name: M4GM
Model: M4GM-GL-01
Test Mode: GSM850_GPRS_Mid channel
Order No/Sample No: 168477868/A003680014-012
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 22
Tested By: Kei Zhang
Reviewed By: Terry Yin



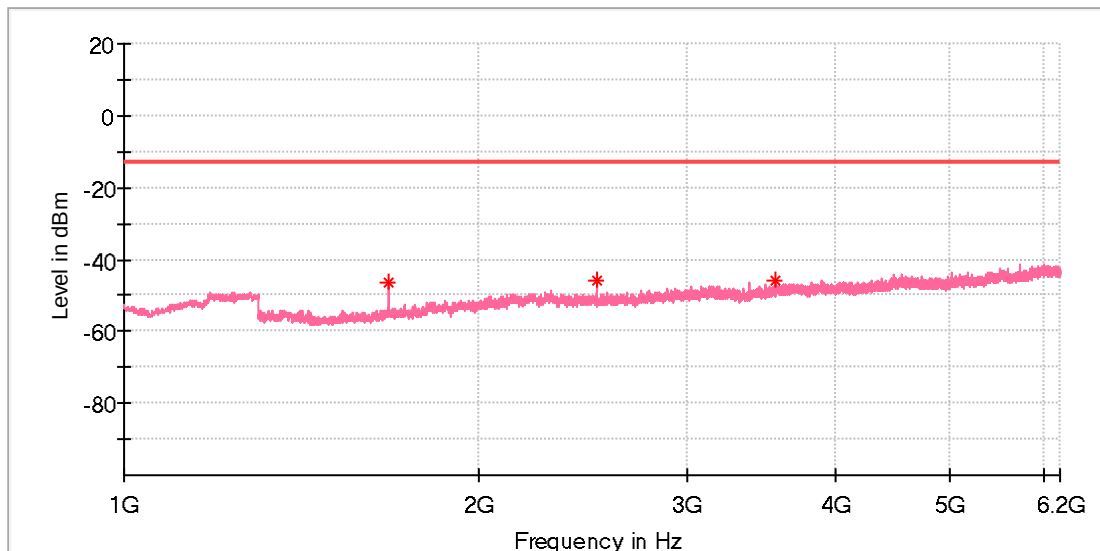
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1674.000000	-40.78	-13.00	27.78	150.0	H	128.0	-92.5
2511.000000	-42.69	-13.00	29.69	150.0	H	178.0	-88.3

Test Report

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Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 22
Tested By: Kei Zhang
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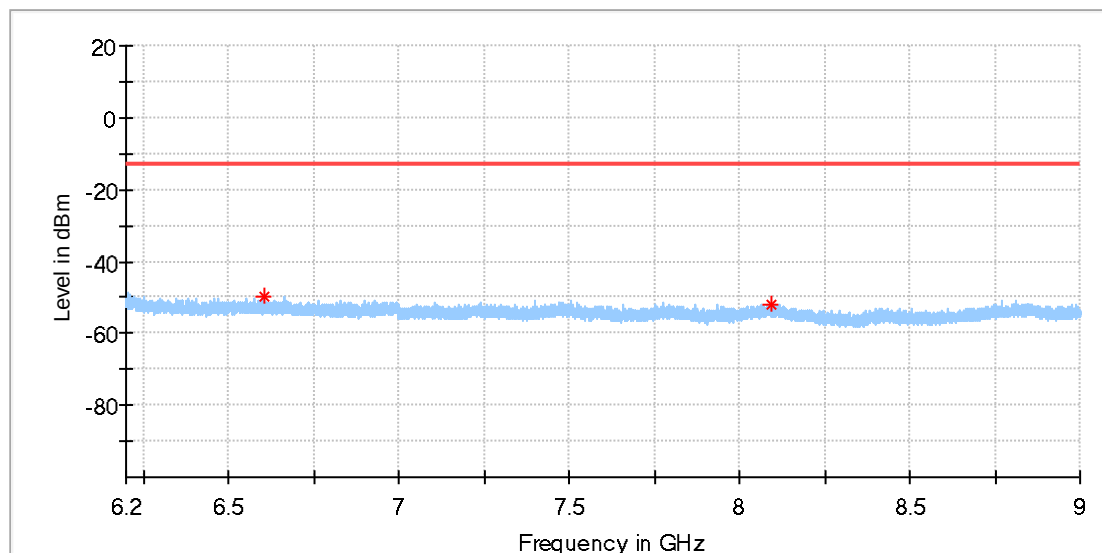
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1673.500000	-46.26	-13.00	33.26	150.0	V	138.0	-92.2
2510.500000	-46.10	-13.00	33.10	150.0	V	74.0	-88.2
3559.500000	-45.78	-13.00	32.78	150.0	V	79.0	-85.9

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	GSM850_GPRS_Mid channel
Order No/Sample No:	168477868/A003680014-012
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



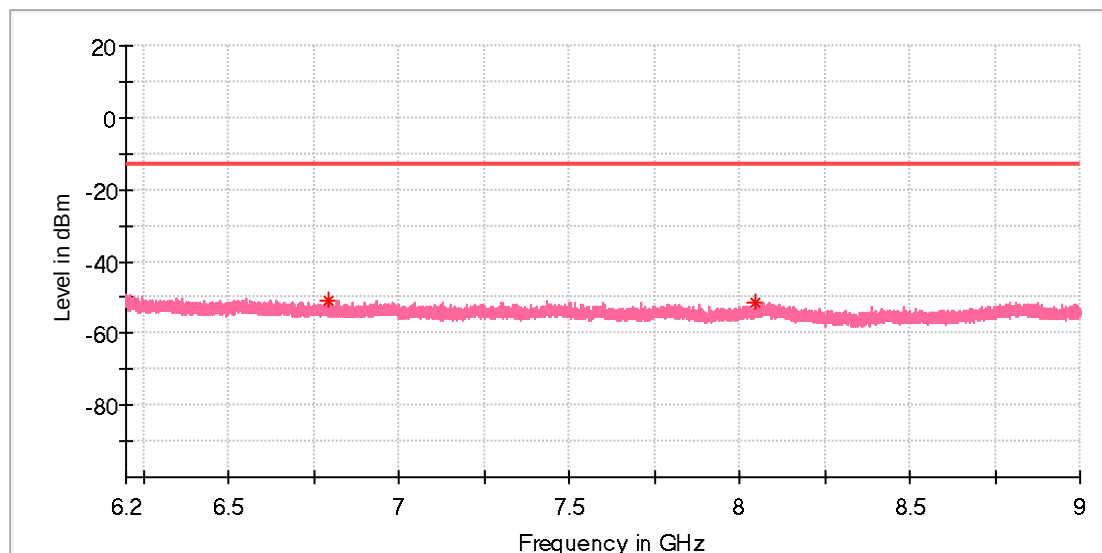
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6602.966667	-49.65	-13.00	36.65	150.0	H	166.0	-86.8
8092.683333	-51.98	-13.00	38.98	150.0	H	189.0	-86.3

Test Report

EUT Information

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Order No/Sample No:	168477868/A003680014-012
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



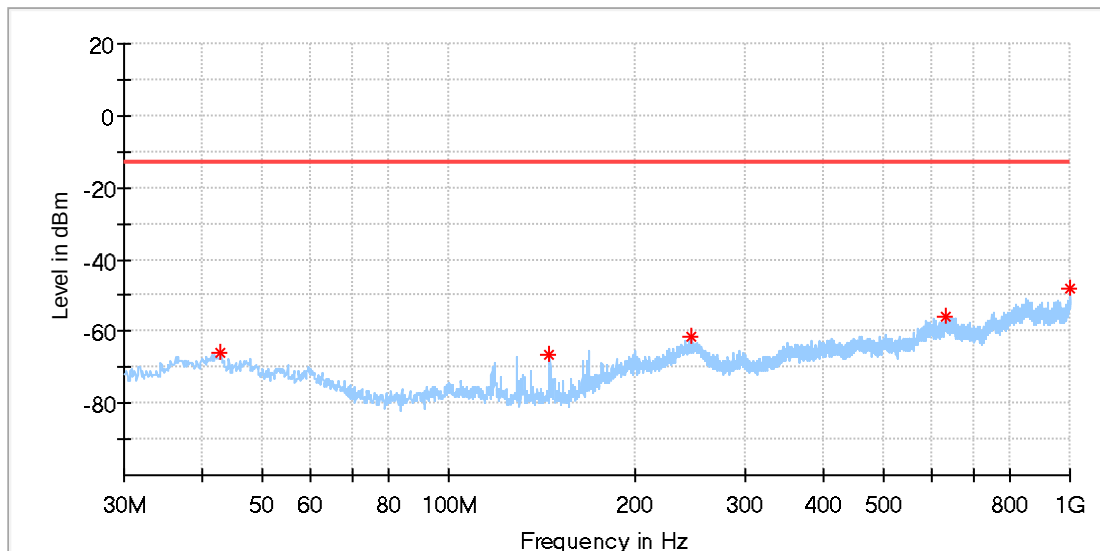
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6794.300000	-50.81	-13.00	37.81	150.0	V	289.0	-87.7
8049.750000	-51.49	-13.00	38.49	150.0	V	312.0	-86.5

Test Report

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Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
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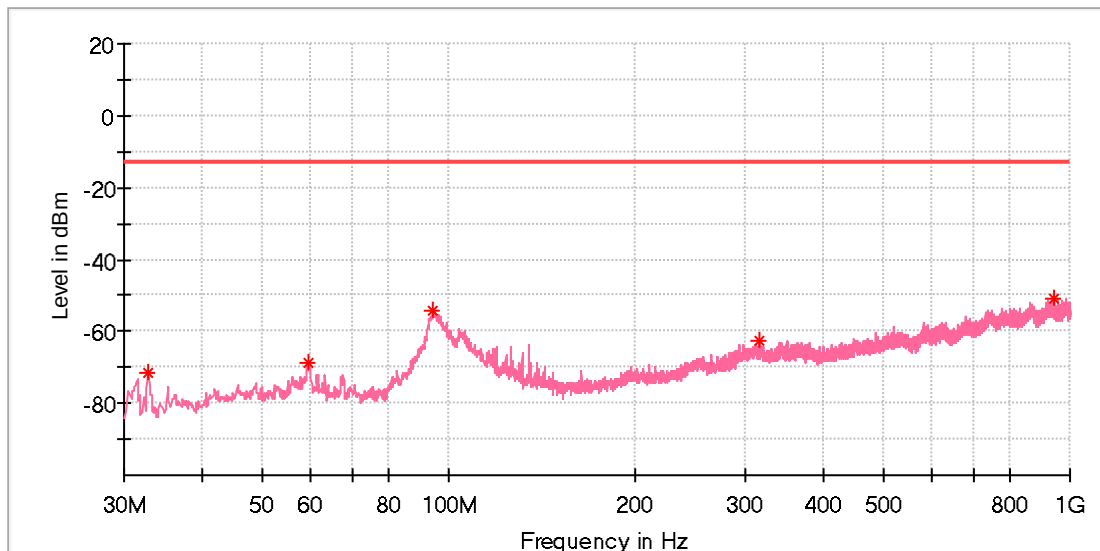
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.852500	-66.04	-13.00	53.04	100.0	H	243.0	-112.9
145.308750	-66.34	-13.00	53.34	100.0	H	14.0	-123.0
246.188750	-61.46	-13.00	48.46	100.0	H	14.0	-110.0
632.006250	-55.77	-13.00	42.77	100.0	H	19.0	-105.0
997.453750	-47.92	-13.00	34.92	100.0	H	143.0	-98.9

Test Report

EUT Information

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Order No/Sample No:	168477868/A003680014-012
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

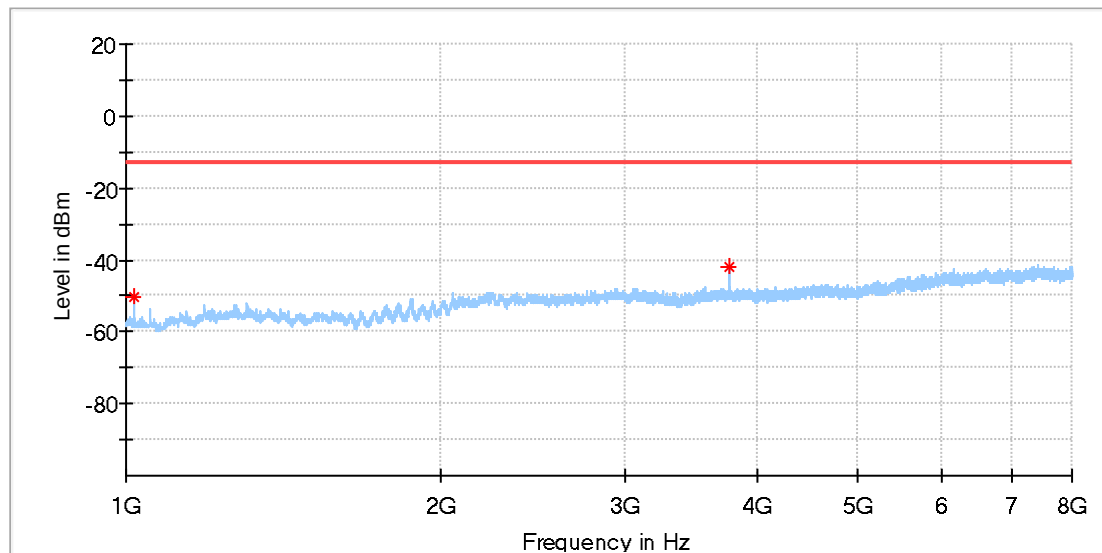
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
32.910000	-71.47	-13.00	58.47	100.0	V	269.0	-129.1
59.463750	-68.59	-13.00	55.59	100.0	V	1.0	-120.4
94.383750	-54.36	-13.00	41.36	100.0	V	100.0	-99.6
315.907500	-62.73	-13.00	49.73	100.0	V	174.0	-111.4
941.436250	-50.63	-13.00	37.63	100.0	V	248.0	-100.7

Appendix B.2: Test Results of Field Strength of Spurious Radiation, GSM1900

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	GSM1900_GPRS_Mid channel
Order No/Sample No:	168477868/A003680014-012
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



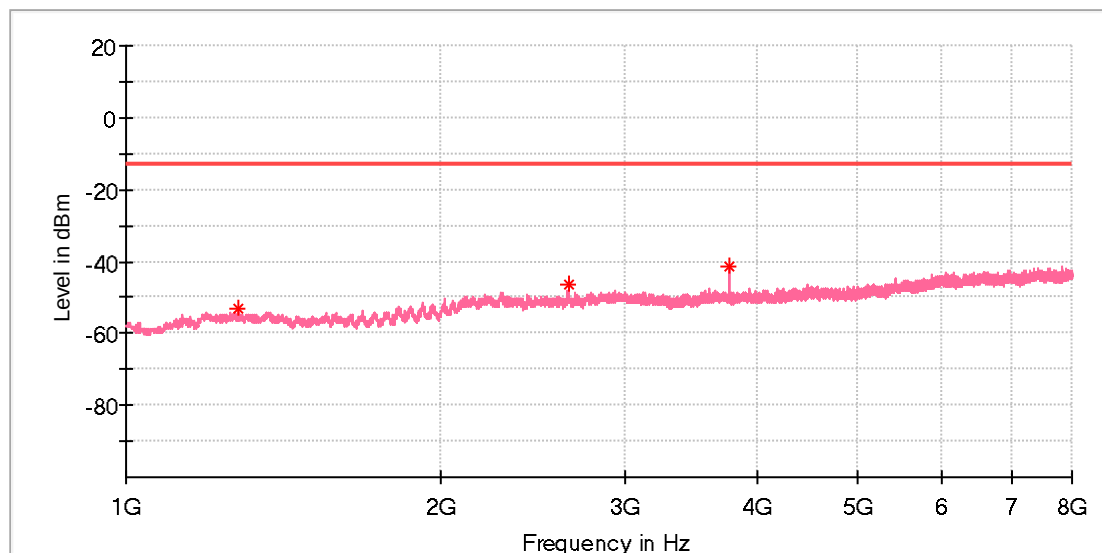
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1017.500000	-50.27	-13.00	37.27	150.0	H	5.0	-94.7
3759.500000	-42.18	-13.00	29.18	150.0	H	1.0	-86.6

Test Report

EUT Information

EUT Name: M4GM
Model: M4GM-GL-01
Test Mode: GSM1900_GPRS_Mid channel
Order No/Sample No: 168477868/A003680014-012
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 24
Tested By: Kei Zhang
Reviewed By: Terry Yin



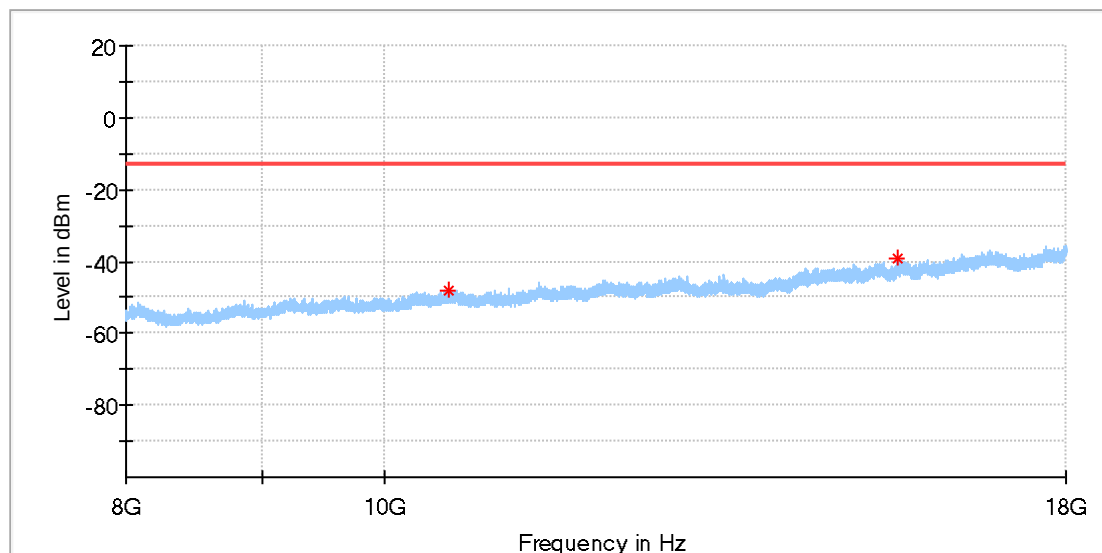
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1280.000000	-53.04	-13.00	40.04	150.0	V	221.0	-92.3
2644.500000	-46.63	-13.00	33.63	150.0	V	203.0	-88.2
3759.500000	-41.46	-13.00	28.46	150.0	V	258.0	-87.0

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	GSM1900_GPRS_Mid channel
Order No/Sample No:	168477868/A003680014-012
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



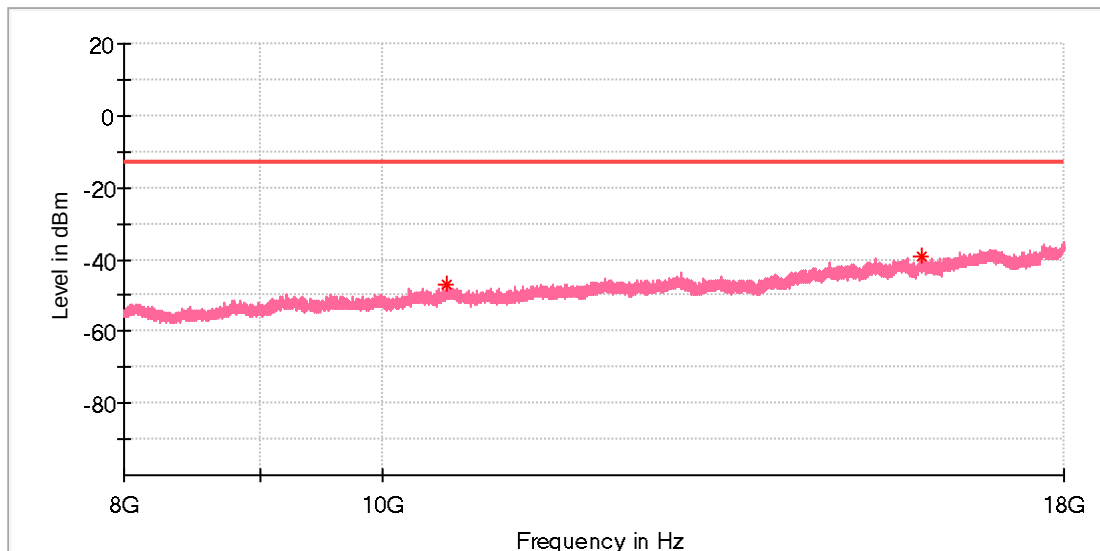
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10567.500000	-47.95	-13.00	34.95	150.0	H	75.0	-82.2
15577.000000	-39.43	-13.00	26.43	150.0	H	15.0	-78.0

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	GSM1900_GPRS_Mid channel
Order No/Sample No:	168477868/A003680014-012
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



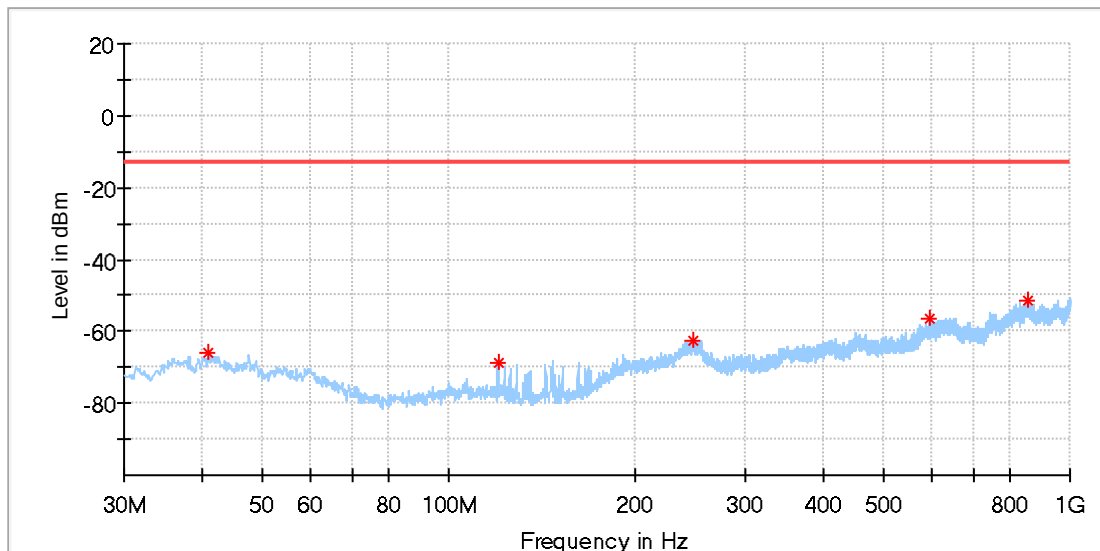
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10563.000000	-46.93	-13.00	33.93	150.0	V	359.0	-82.1
15922.500000	-39.20	-13.00	26.20	150.0	V	92.0	-76.5

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Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 24
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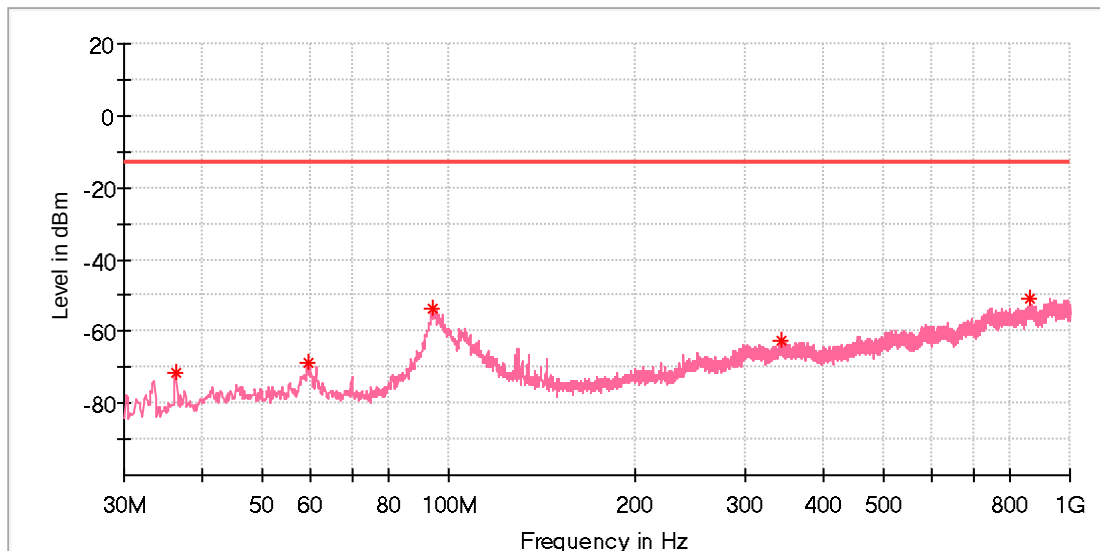
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.033750	-65.79	-13.00	52.79	100.0	H	149.0	-112.3
119.967500	-68.68	-13.00	55.68	100.0	H	256.0	-122.8
246.916250	-62.75	-13.00	49.75	100.0	H	103.0	-110.0
594.540000	-56.68	-13.00	43.68	100.0	H	22.0	-105.7
852.438750	-51.22	-13.00	38.22	100.0	H	155.0	-100.2

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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)
36.305000	-71.79	-13.00	58.79	100.0	V	233.0	-125.5
59.463750	-68.62	-13.00	55.62	100.0	V	354.0	-120.4
94.141250	-53.80	-13.00	40.80	100.0	V	117.0	-99.7
342.340000	-62.70	-13.00	49.70	100.0	V	239.0	-111.0
863.351250	-50.86	-13.00	37.86	100.0	V	47.0	-100.9