

Appendix D: Test Results of Field Strength of Spurious Radiation

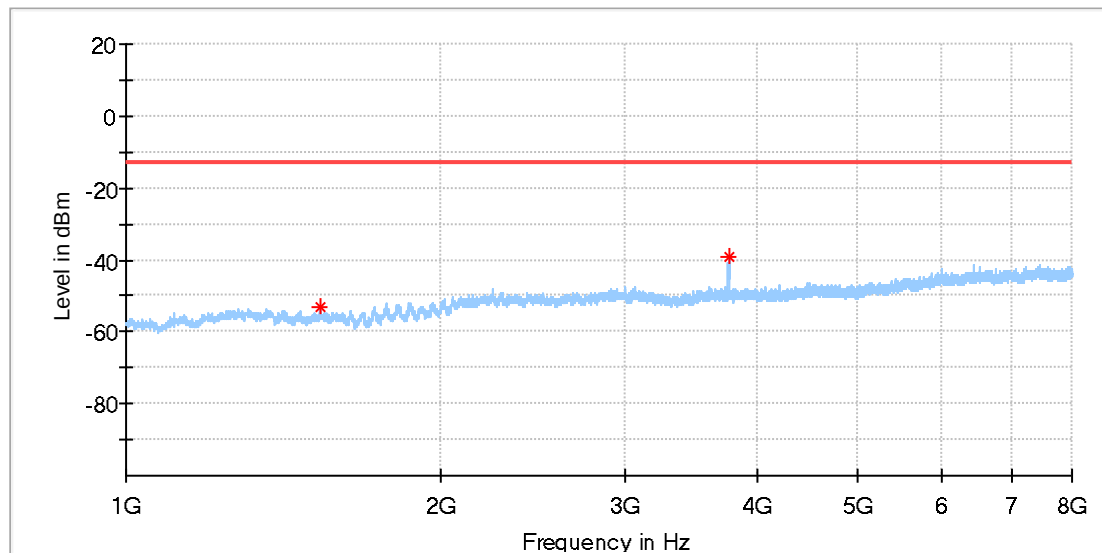
APPENDIX D: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION	1
APPENDIX D.1: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION, WCDMA BAND II	2
APPENDIX D.2: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION, WCDMA BAND IV	8
APPENDIX D.3: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION, WCDMA BAND V	14

Appendix D.1: Test Results of Field Strength of Spurious Radiation, WCDMA Band II

Test Report

EUT Information

EUT Name: M4GM
Model: M4GM-GL-01
Test Mode: WCDMA II_RMC12.2K_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



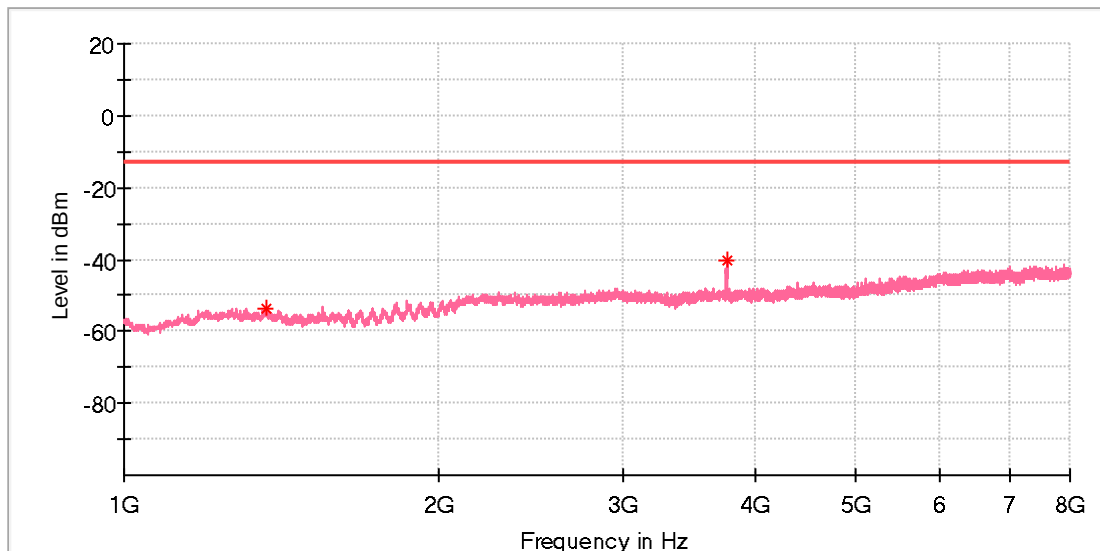
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1530.000000	-53.19	-13.00	40.19	150.0	H	266.0	-92.8
3761.000000	-39.35	-13.00	26.35	150.0	H	208.0	-86.6

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA II_RMC12.2K_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



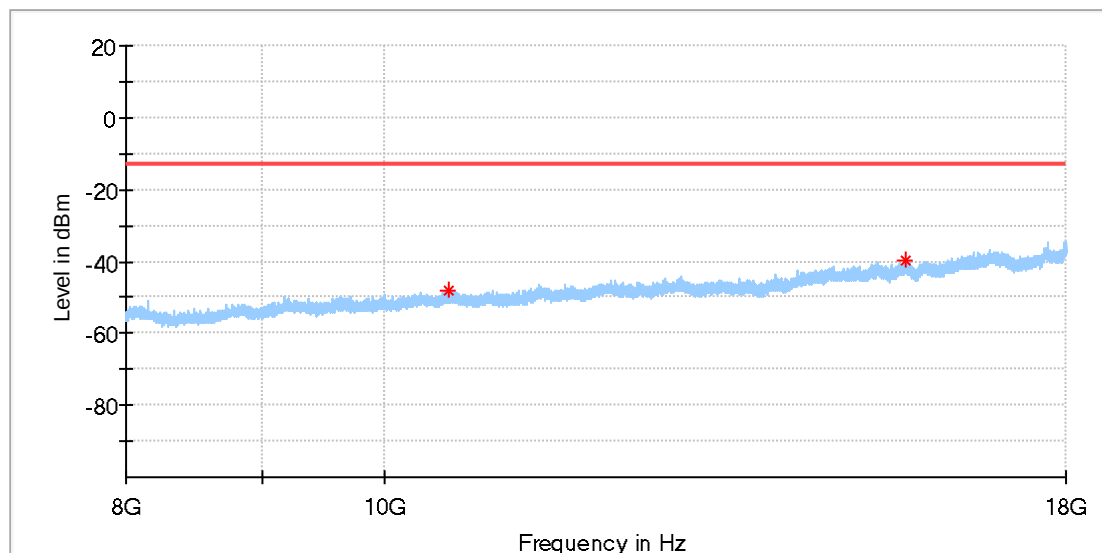
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1367.500000	-53.51	-13.00	40.51	150.0	V	299.0	-92.1
3762.000000	-40.46	-13.00	27.46	150.0	V	305.0	-87.0

Test Report

EUT Information

EUT Name: M4GM
Model: M4GM-GL-01
Test Mode: WCDMA II_RMC12.2K_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



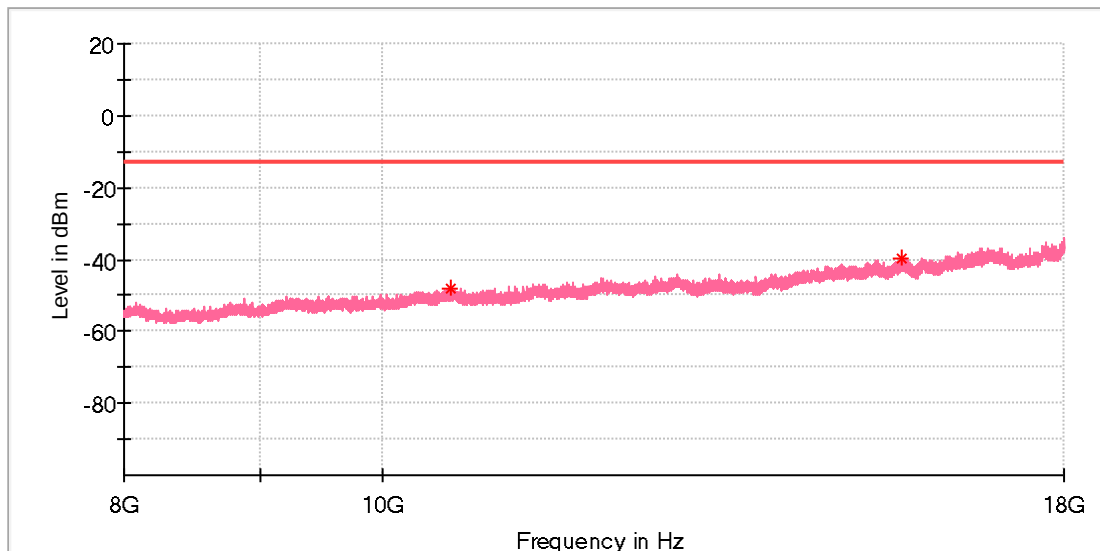
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10570.500000	-48.03	-13.00	35.03	150.0	H	19.0	-82.2
15679.500000	-39.94	-13.00	26.94	150.0	H	0.0	-77.6

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA II_RMC12.2K_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



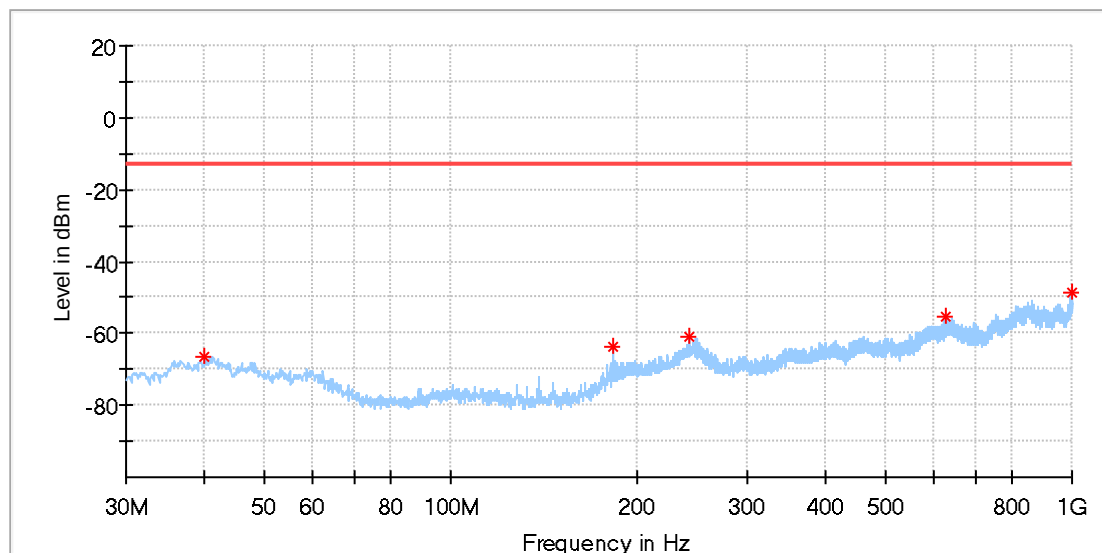
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10611.500000	-48.00	-13.00	35.00	150.0	V	20.0	-82.4
15660.000000	-39.64	-13.00	26.64	150.0	V	1.0	-77.5

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA II_RMC12.2K_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



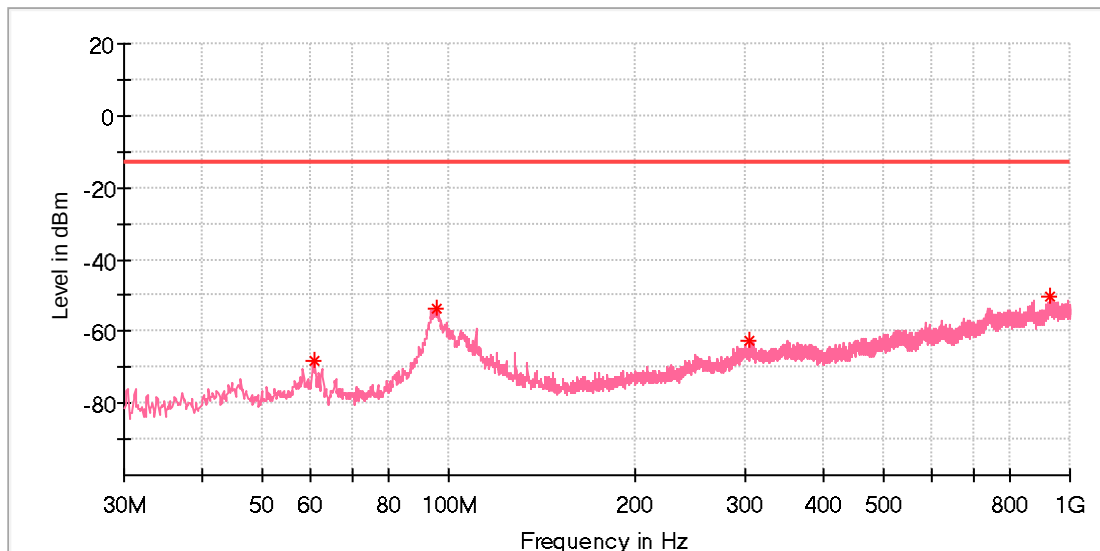
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
40.185000	-66.43	-13.00	53.43	100.0	H	330.0	-113.0
182.411250	-63.95	-13.00	50.95	100.0	H	295.0	-117.5
242.308750	-61.04	-13.00	48.04	100.0	H	305.0	-110.0
627.156250	-55.31	-13.00	42.31	100.0	H	144.0	-105.3
999.636250	-48.65	-13.00	35.65	100.0	H	69.0	-98.3

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA II_RMC12.2K_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

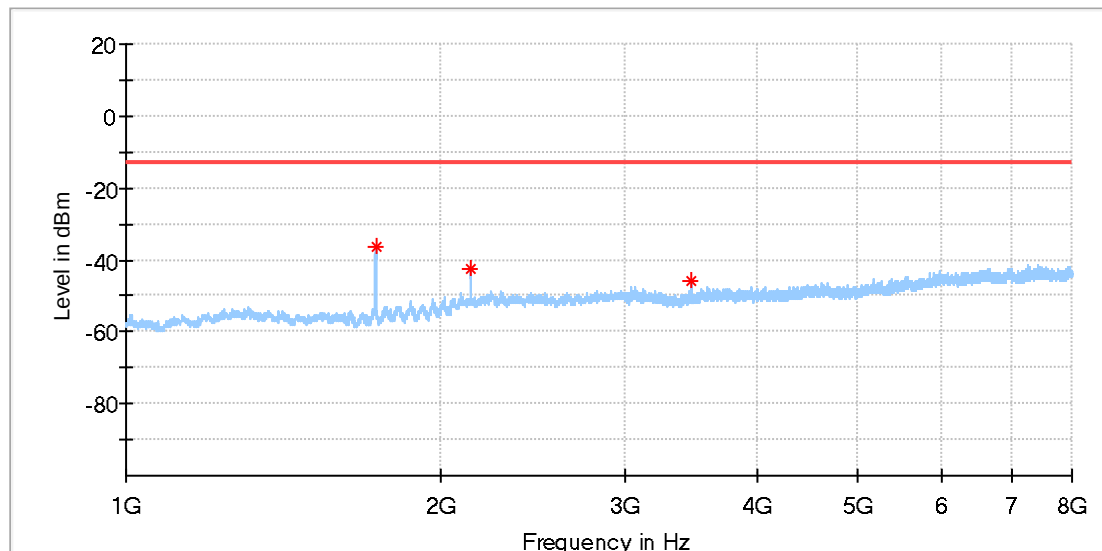
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
60.797500	-68.07	-13.00	55.07	100.0	V	66.0	-120.4
95.596250	-53.46	-13.00	40.46	100.0	V	214.0	-100.5
305.601250	-62.88	-13.00	49.88	100.0	V	0.0	-111.1
930.038750	-50.51	-13.00	37.51	100.0	V	358.0	-100.4

Appendix D.2: Test Results of Field Strength of Spurious Radiation, WCDMA Band IV

Test Report

EUT Information

EUT Name: M4GM
Model: M4GM-GL-01
Test Mode: WCDMA IV_RMC12.2K_Mid channel
Order No/Sample No: 168477868/A003680014-012
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin



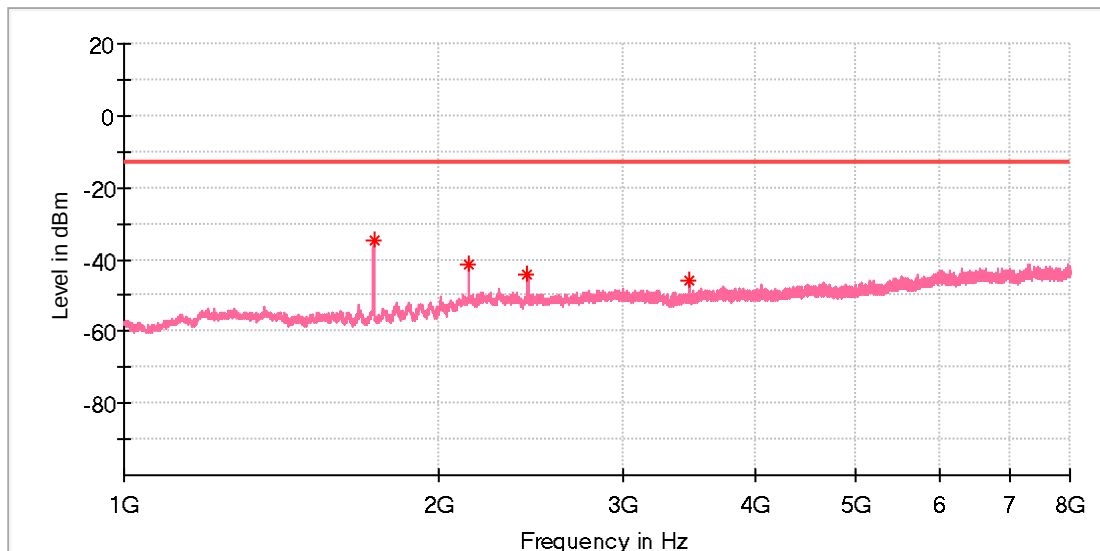
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1731.000000	-36.48	-13.00	23.48	150.0	H	121.0	-91.4
2133.500000	-42.35	-13.00	29.35	150.0	H	292.0	-88.3
3463.000000	-45.89	-13.00	32.89	150.0	H	17.0	-88.1

Test Report

EUT Information

EUT Name: M4GM
Model: M4GM-GL-01
Test Mode: WCDMA IV_RMC12.2K_Mid channel
Order No/Sample No: 168477868/A003680014-012
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:58%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin



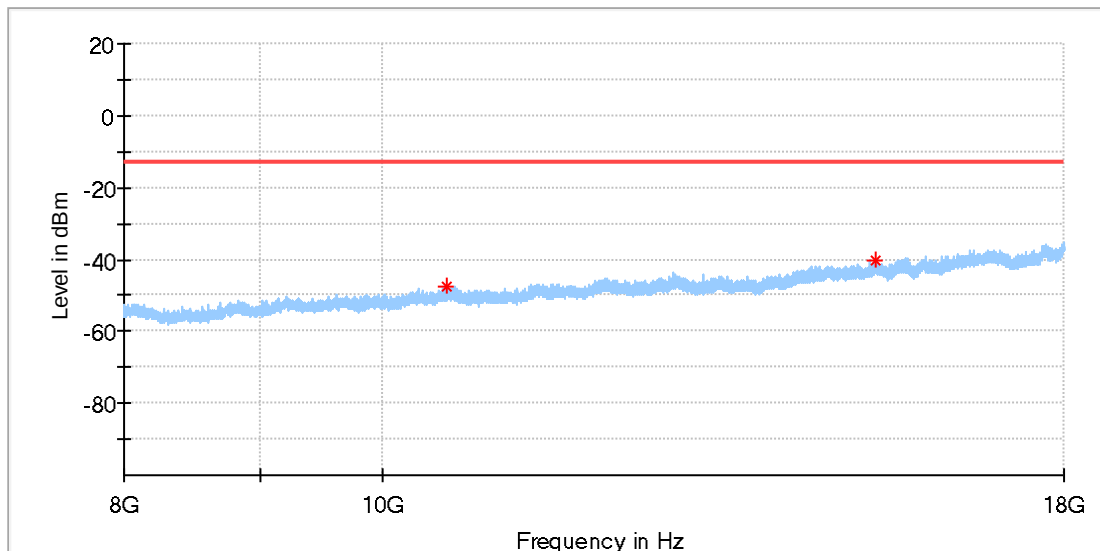
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1731.000000	-34.56	-13.00	21.56	150.0	V	264.0	-91.6
2134.500000	-41.42	-13.00	28.42	150.0	V	2.0	-87.7
2429.500000	-44.01	-13.00	31.01	150.0	V	6.0	-88.0
3466.000000	-45.74	-13.00	32.74	150.0	V	349.0	-87.8

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA IV_RMC12.2K_Mid channel
Order No/Sample No:	168477868/A003680014-012
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



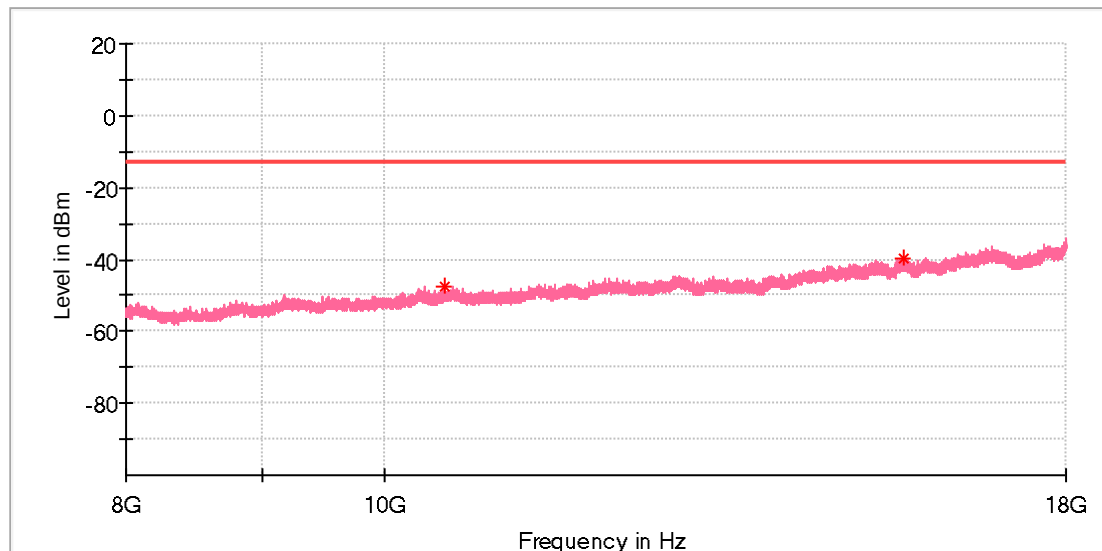
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10567.500000	-47.67	-13.00	34.67	150.0	H	356.0	-82.2
15297.500000	-40.35	-13.00	27.35	150.0	H	349.0	-77.5

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA IV_RMC12.2K_Mid channel
Order No/Sample No:	168477868/A003680014-012
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



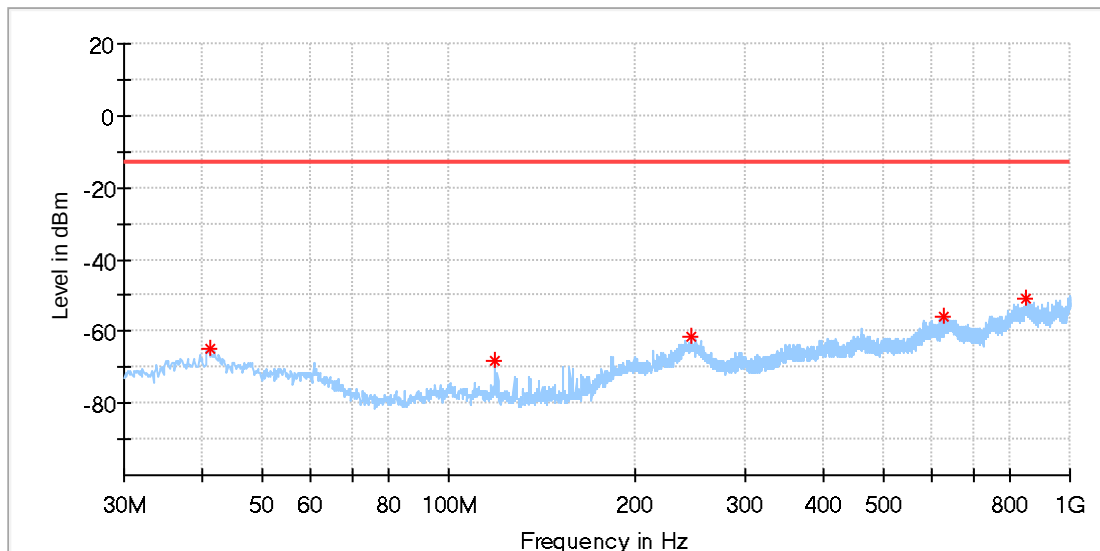
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10532.500000	-47.41	-13.00	34.41	150.0	V	110.0	-82.4
15640.000000	-39.62	-13.00	26.62	150.0	V	286.0	-77.5

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA IV_RMC12.2K_Mid channel
Order No/Sample No:	168477868/A003680014-012
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



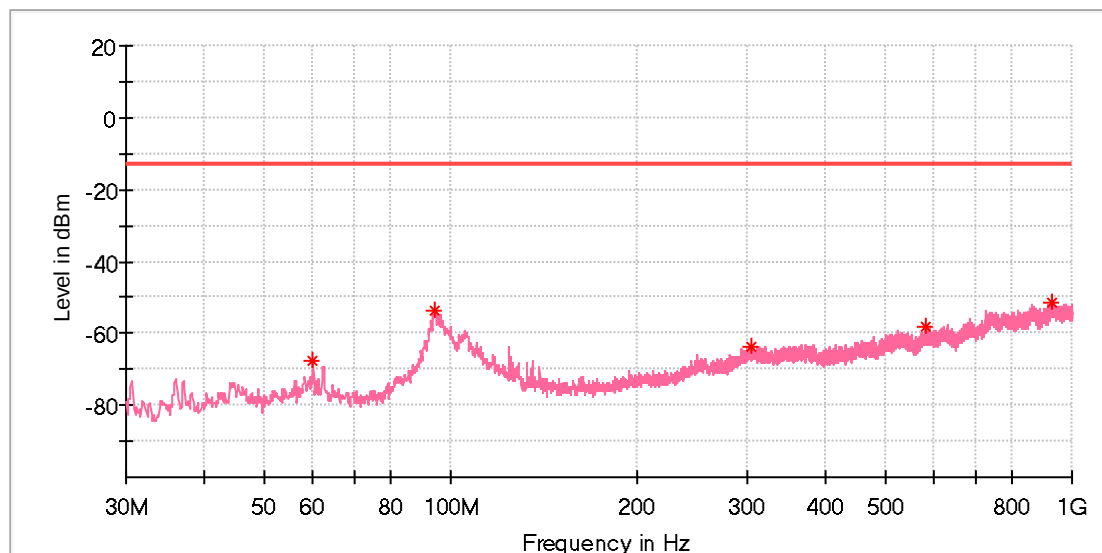
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.276250	-64.92	-13.00	51.92	100.0	H	76.0	-112.2
118.391250	-68.08	-13.00	55.08	100.0	H	293.0	-122.1
246.067500	-61.43	-13.00	48.43	100.0	H	0.0	-110.0
627.762500	-55.77	-13.00	42.77	100.0	H	146.0	-105.2
849.165000	-51.00	-13.00	38.00	100.0	H	325.0	-100.1

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA IV_RMC12.2K_Mid channel
Order No/Sample No:	168477868/A003680014-012
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

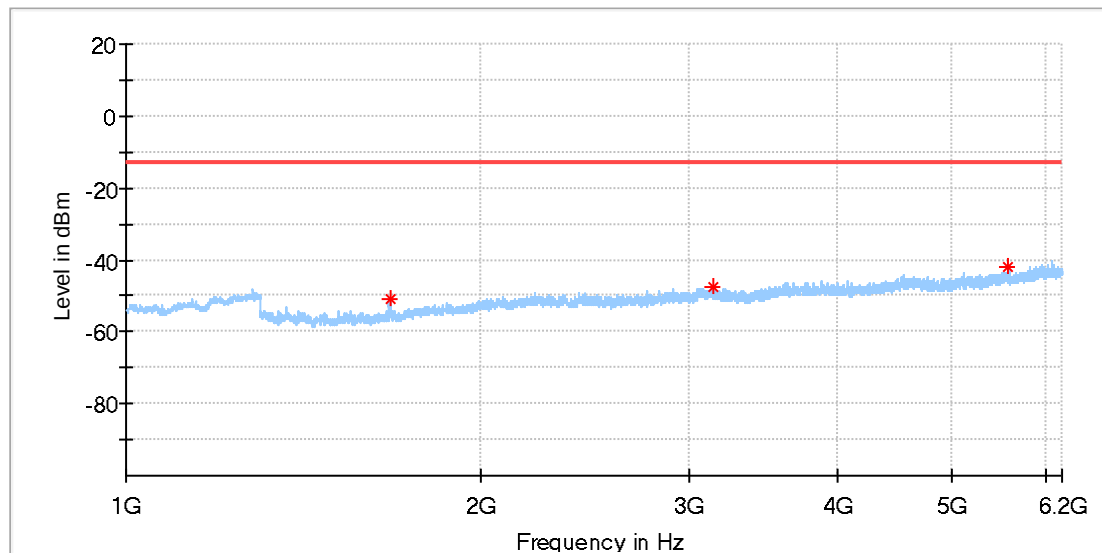
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
60.070000	-67.83	-13.00	54.83	100.0	V	334.0	-120.3
94.383750	-53.75	-13.00	40.75	100.0	V	125.0	-99.6
305.358750	-63.49	-13.00	50.49	100.0	V	162.0	-111.0
581.445000	-58.01	-13.00	45.01	100.0	V	243.0	-106.6
925.310000	-51.56	-13.00	38.56	100.0	V	305.0	-100.5

Appendix D.3: Test Results of Field Strength of Spurious Radiation, WCDMA Band V

Test Report

EUT Information

EUT Name: M4GM
Model: M4GM-GL-01
Test Mode: WCDMA V_RMC12.2K_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



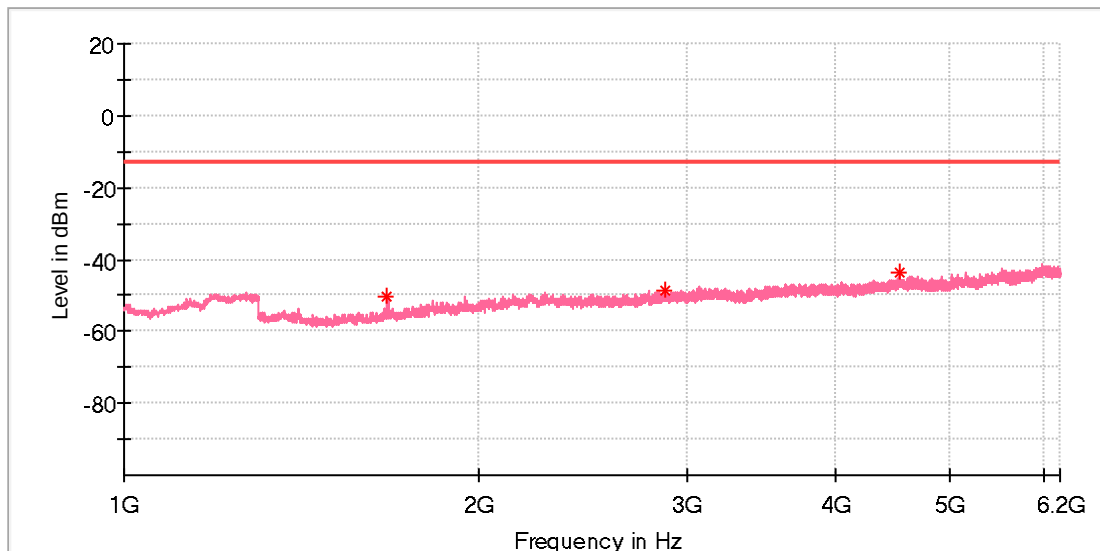
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1675.000000	-51.16	-13.00	38.16	150.0	H	267.0	-92.5
3143.500000	-47.72	-13.00	34.72	150.0	H	350.0	-85.9
5580.000000	-42.20	-13.00	29.20	150.0	H	302.0	-81.7

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA V_RMC12.2K_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



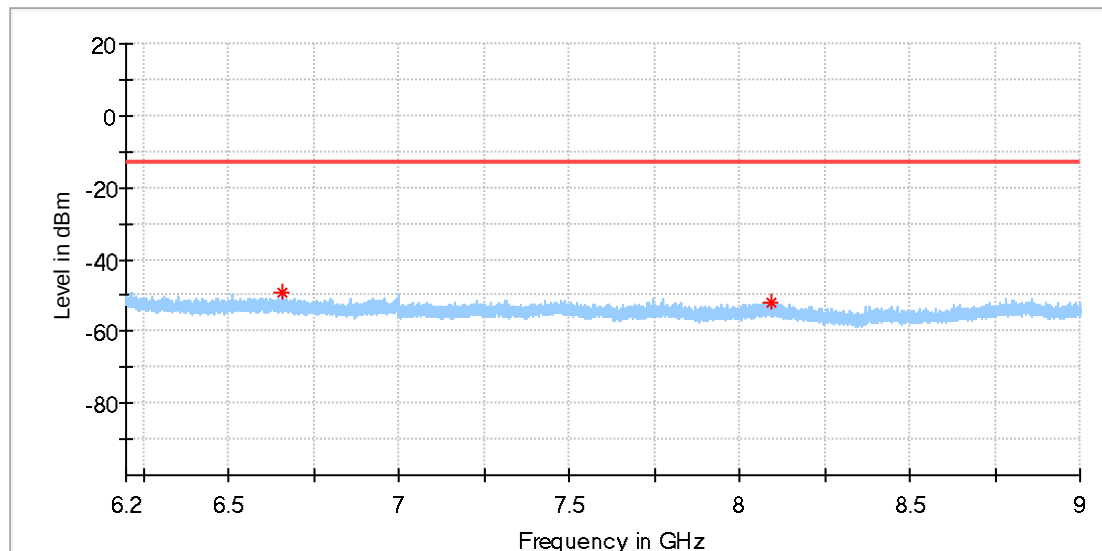
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1670.500000	-50.23	-13.00	37.23	150.0	V	276.0	-92.2
2870.500000	-48.47	-13.00	35.47	150.0	V	165.0	-86.7
4542.500000	-43.74	-13.00	30.74	150.0	V	303.0	-83.3

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA V_RMC12.2K_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



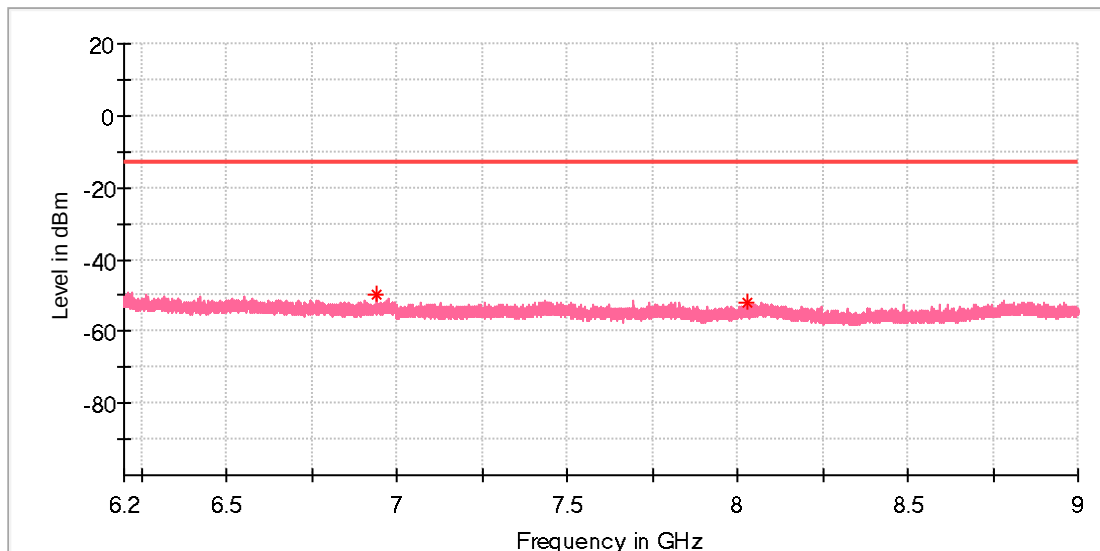
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6659.666667	-49.41	-13.00	36.41	150.0	H	0.0	-86.8
8091.750000	-51.82	-13.00	38.82	150.0	H	15.0	-86.3

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA V_RMC12.2K_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



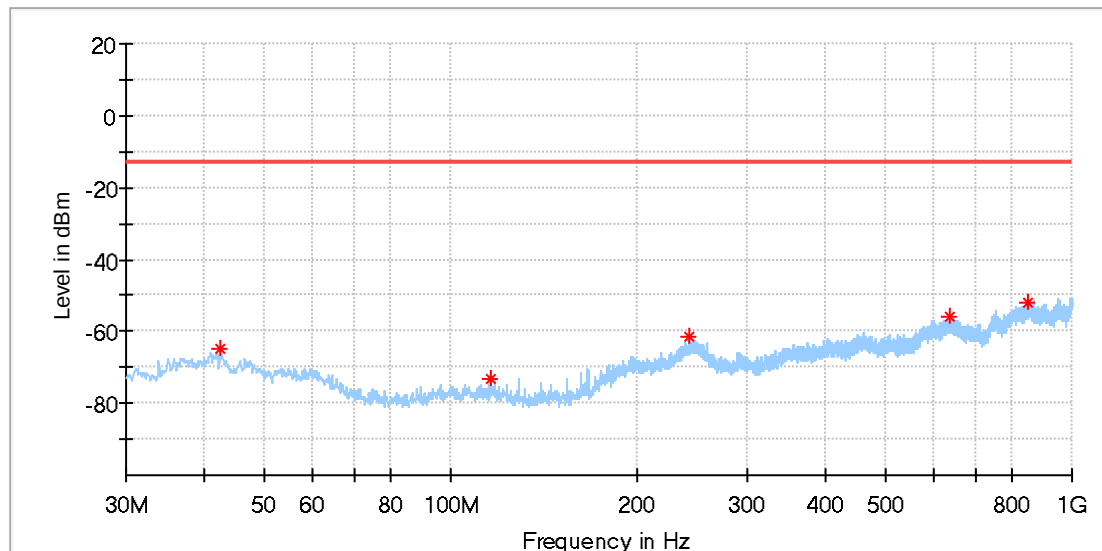
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6942.116667	-49.65	-13.00	36.65	150.0	V	0.0	-87.6
8026.650000	-51.95	-13.00	38.95	150.0	V	82.0	-86.6

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA V_RMC12.2K_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



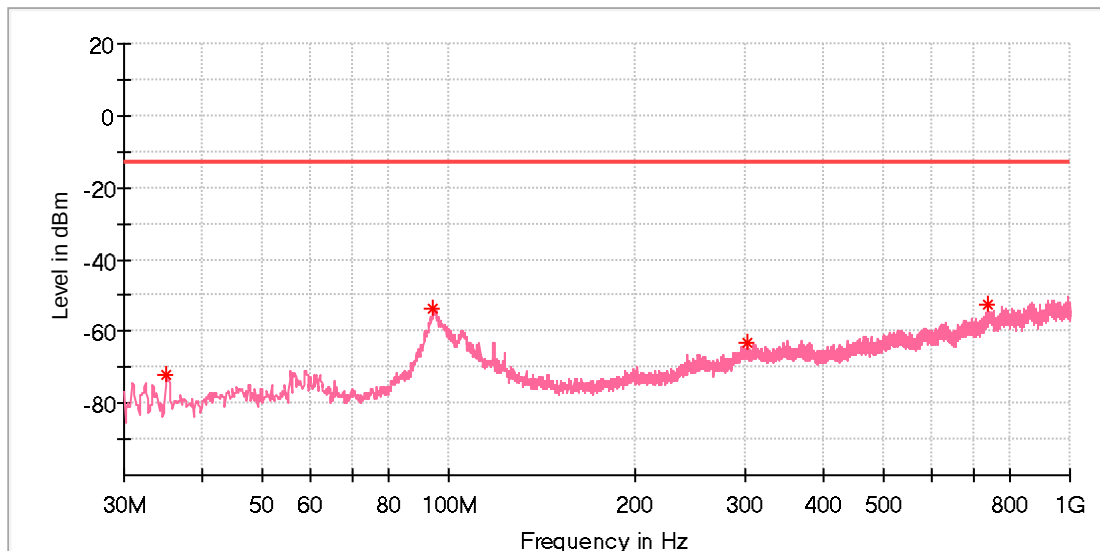
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.610000	-65.09	-13.00	52.09	100.0	H	95.0	-112.6
116.208750	-73.09	-13.00	60.09	100.0	H	110.0	-121.9
242.187500	-61.48	-13.00	48.48	100.0	H	220.0	-110.0
636.250000	-56.08	-13.00	43.08	100.0	H	276.0	-104.8
851.226250	-51.73	-13.00	38.73	100.0	H	24.0	-100.1

Test Report

EUT Information

EUT Name:	M4GM
Model:	M4GM-GL-01
Test Mode:	WCDMA V_RMC12.2K_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)
35.092500	-72.34	-13.00	59.34	100.0	V	142.0	-127.0
94.505000	-53.81	-13.00	40.81	100.0	V	270.0	-99.6
302.812500	-63.02	-13.00	50.02	100.0	V	245.0	-111.0
738.706250	-52.29	-13.00	39.29	100.0	V	37.0	-102.0