

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

APPENDIX M: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION FOR EMTC OPERATION .. 1

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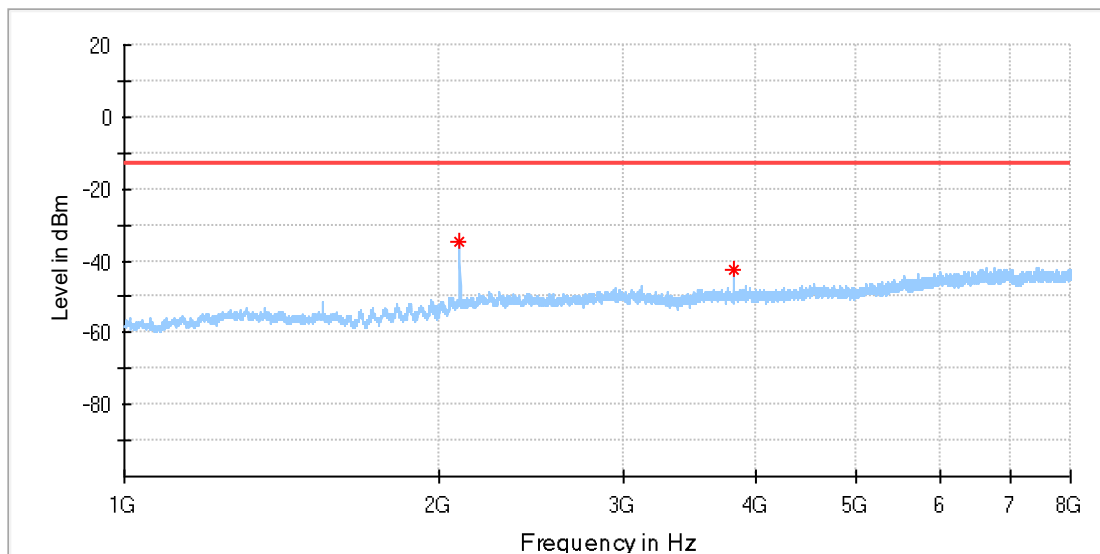
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Appendix M.1: Field Strength of Spurious Radiation for Band 2

Above 1 GHz

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B2_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



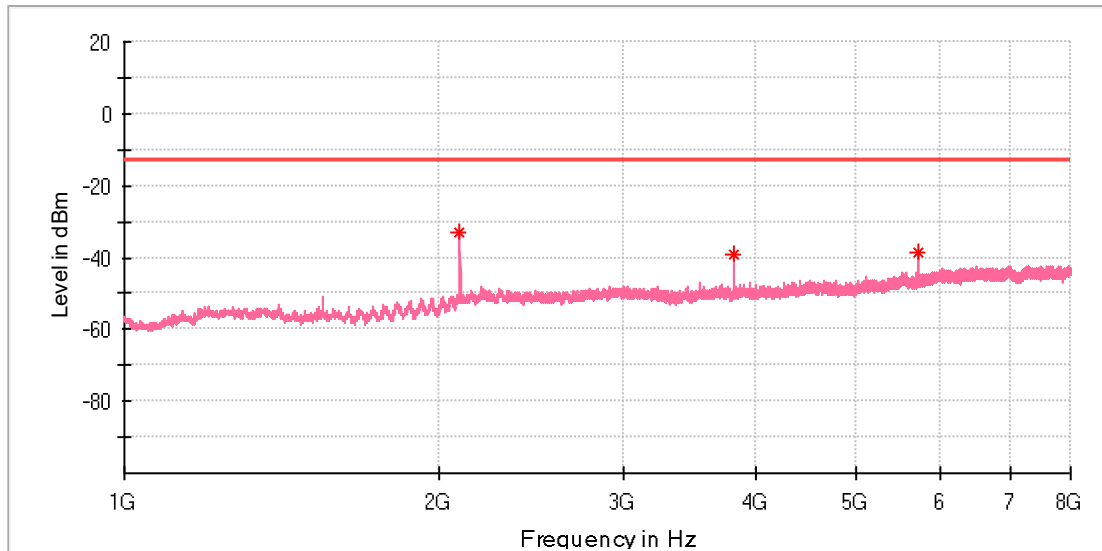
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margi n | Heig ht | Po l | Azimut h | Corr. (dB) |
|-----------------|---------|-------------|---------|---------|------|----------|------------|
| 2091.000000 | -34.67 | -13.00 | 21.67 | 100. | H | 71.0 | -88.7 |
| 3818.000000 | -42.51 | -13.00 | 29.51 | 100. | H | 277.0 | -86.8 |

Produkte
 Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B2_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



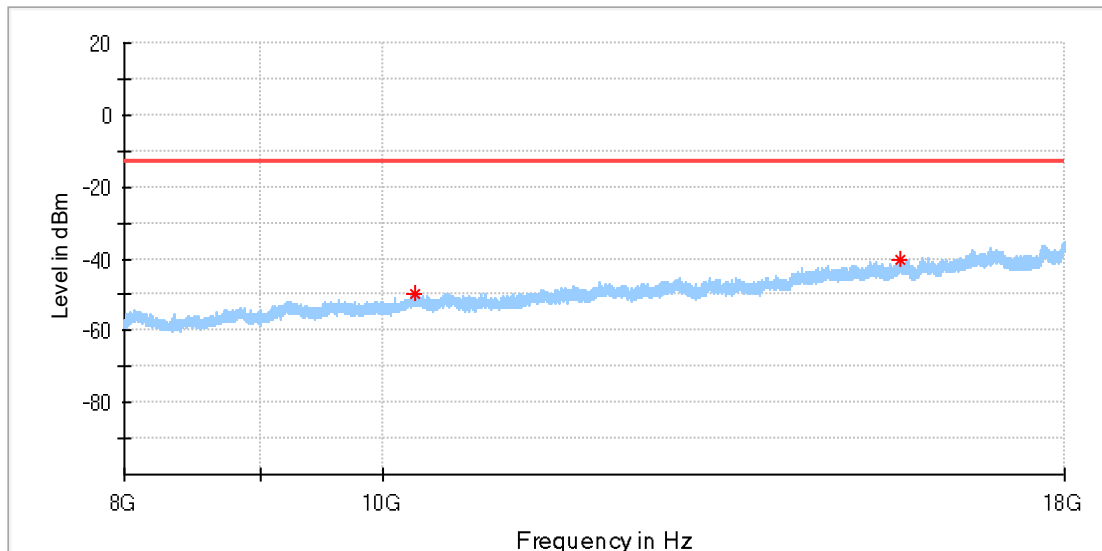
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 2090.500000 | -33.14 | -13.00 | 20.14 | 100. | V | 0.0 | -88.7 |
| 3817.500000 | -39.06 | -13.00 | 26.06 | 100. | V | 320.0 | -87.0 |
| 5726.500000 | -38.48 | -13.00 | 25.48 | 100. | V | 297.0 | -83.6 |

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EUT Information

| | |
|---------------------|-------------------------------|
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| Model: | ME310G1-W3 |
| Test Mode: | B2_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
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| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
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| Reviewed By: | Terry Yin |



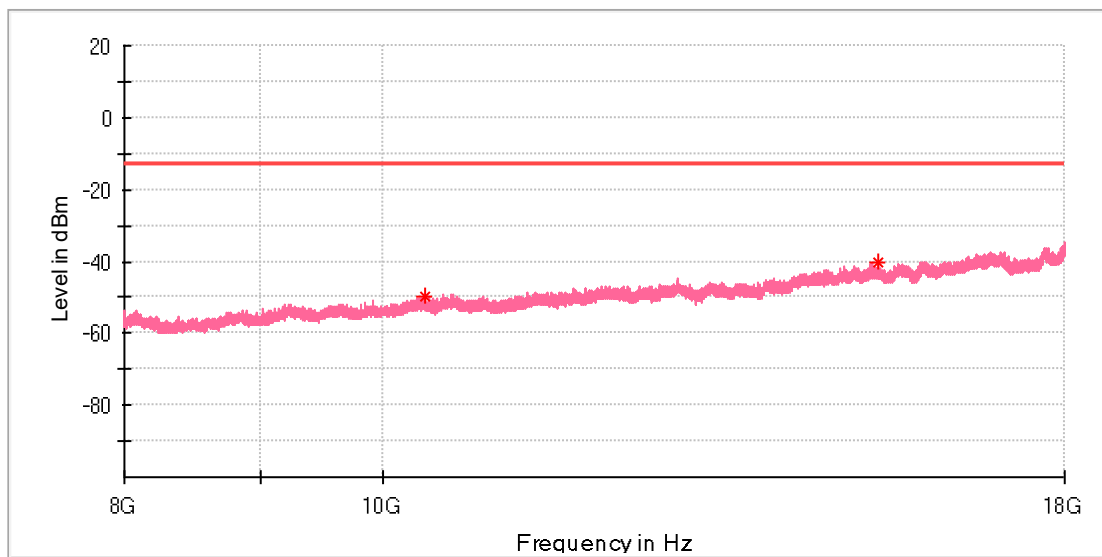
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Pol | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|-----|---------|------------|
| 10271.500000 | -49.90 | -13.00 | 36.90 | 100. | H | 65.0 | -83.2 |
| 15632.500000 | -40.05 | -13.00 | 27.05 | 100. | H | 356.0 | -77.7 |

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EUT Information

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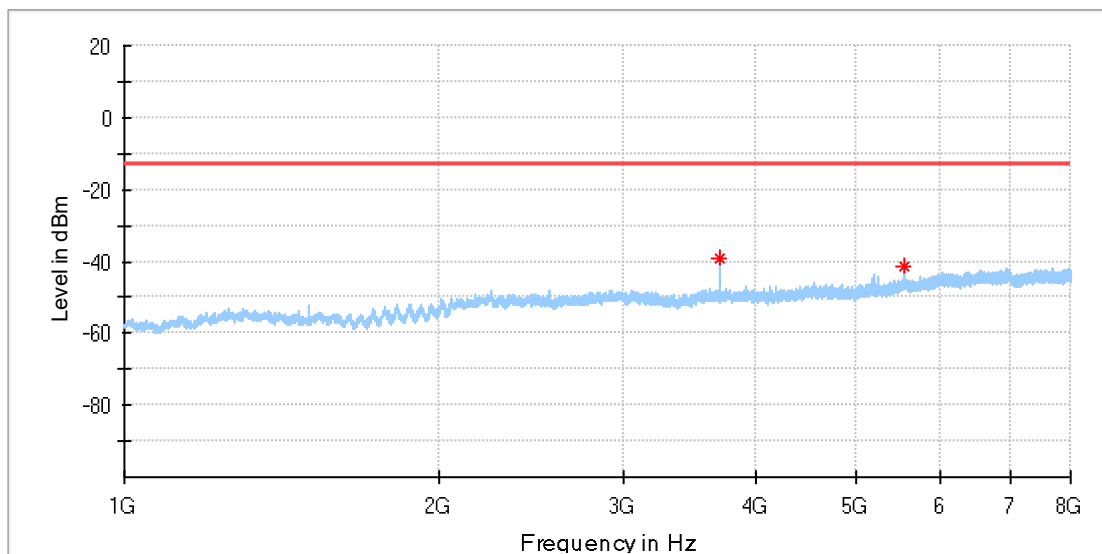
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 10367.000000 | -49.56 | -13.00 | 36.56 | 100. | V | 248.0 | -82.9 |
| 15331.500000 | -40.41 | -13.00 | 27.41 | 100. | V | 268.0 | -77.7 |

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EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B2_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



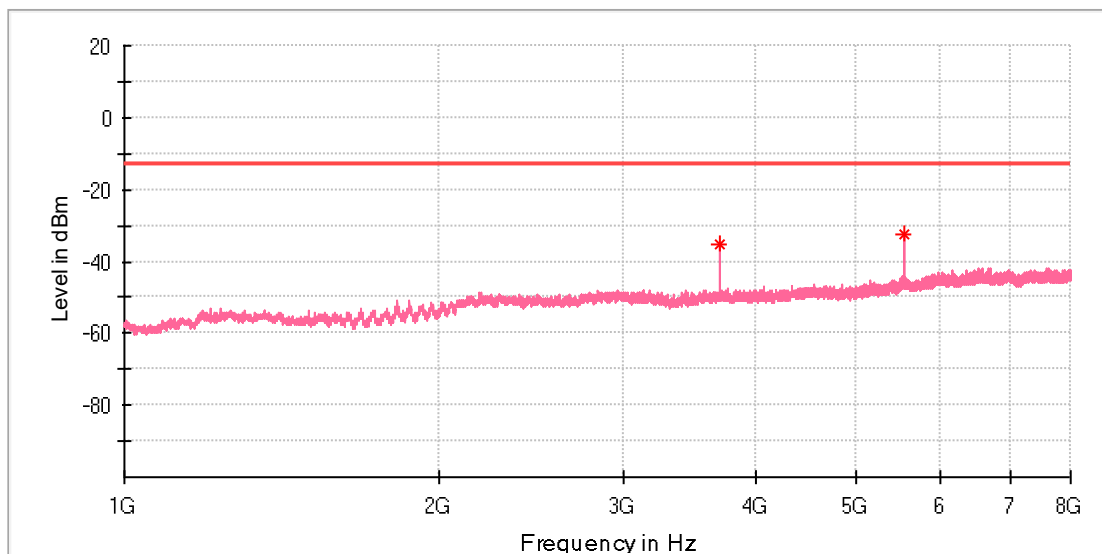
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 3700.000000 | -39.03 | -13.00 | 26.03 | 100. | H | 81.0 | -86.7 |
| 5551.000000 | -41.38 | -13.00 | 28.38 | 100. | H | 21.0 | -83.2 |

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EUT Information

| | |
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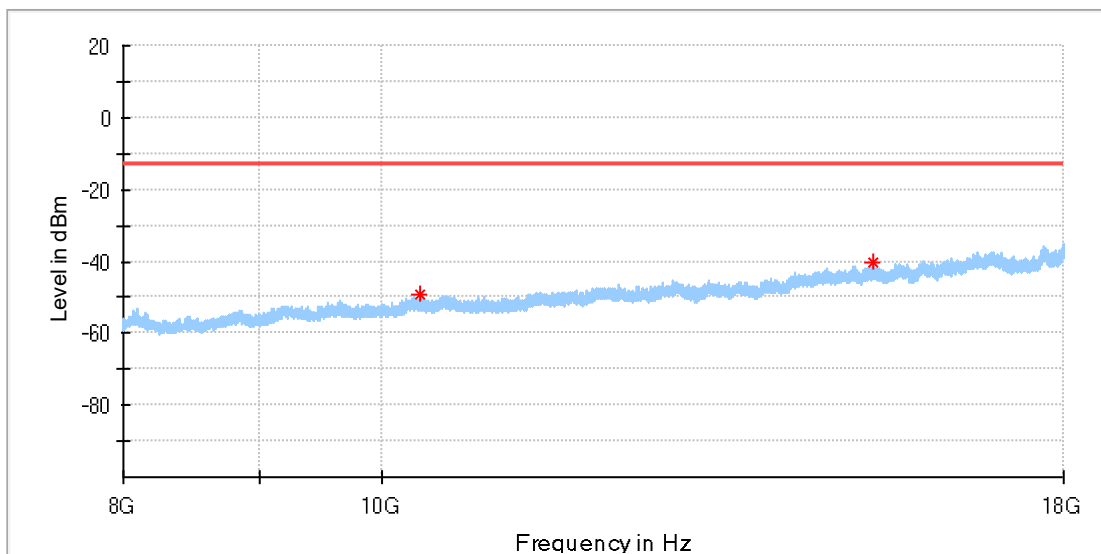
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 3700.500000 | -35.11 | -13.00 | 22.11 | 100. | V | 0.0 | -86.7 |
| 5551.000000 | -32.33 | -13.00 | 19.33 | 100. | V | 308.0 | -83.0 |

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EUT Information

| | |
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| Order No/Sample No: | 168335486/A003146834-010 |
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| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



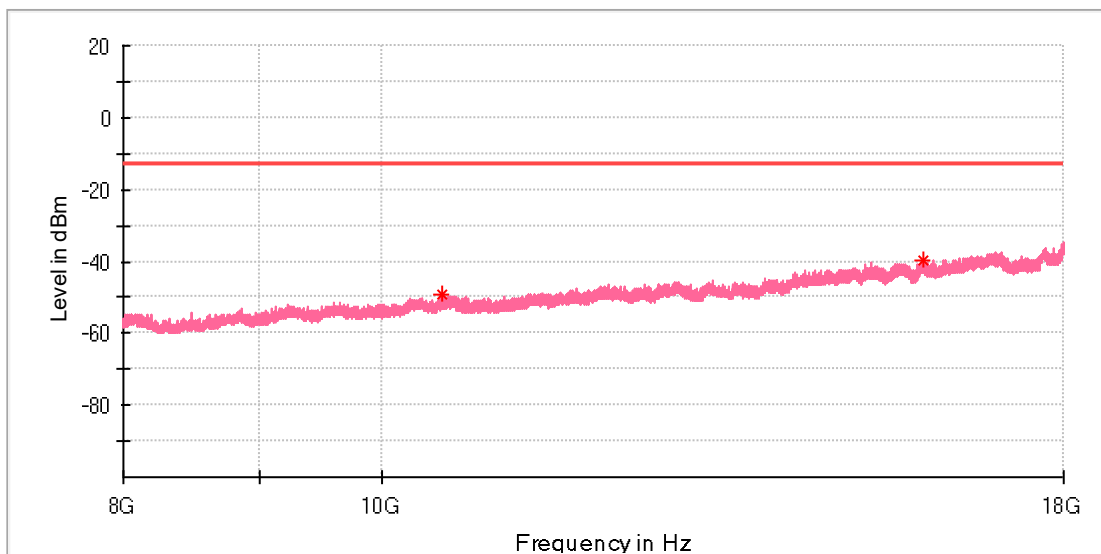
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 10335.000000 | -49.39 | -13.00 | 36.39 | 100. | H | 2.0 | -83.2 |
| 15283.500000 | -40.18 | -13.00 | 27.18 | 100. | H | 54.0 | -77.5 |

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EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B2_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



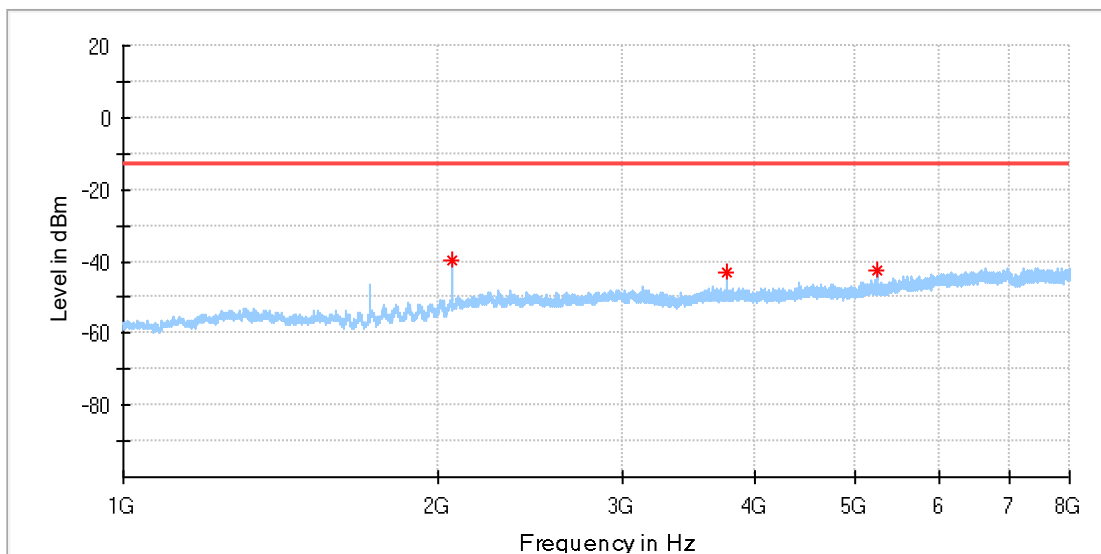
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 10537.000000 | -49.14 | -13.00 | 36.14 | 100. | V | 241.0 | -82.5 |
| 15935.000000 | -39.59 | -13.00 | 26.59 | 100. | V | 57.0 | -76.6 |

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EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B2_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



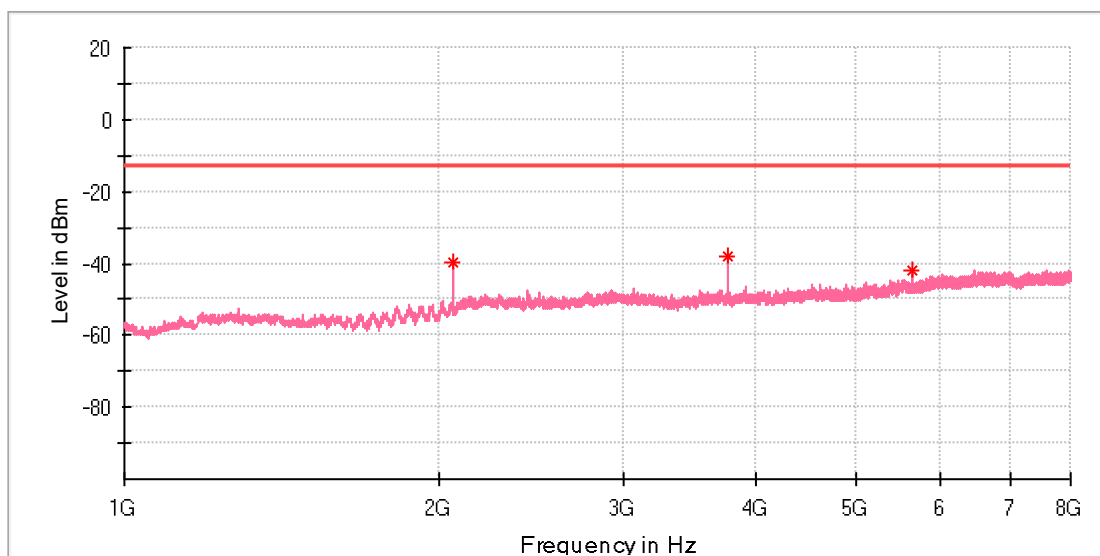
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 2059.000000 | -39.96 | -13.00 | 26.96 | 100. | H | 71.0 | -88.4 |
| 3760.000000 | -42.96 | -13.00 | 29.97 | 100. | H | 65.0 | -86.6 |
| 5236.000000 | -42.27 | -13.00 | 29.27 | 100. | H | 359.0 | -85.0 |

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EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B2_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



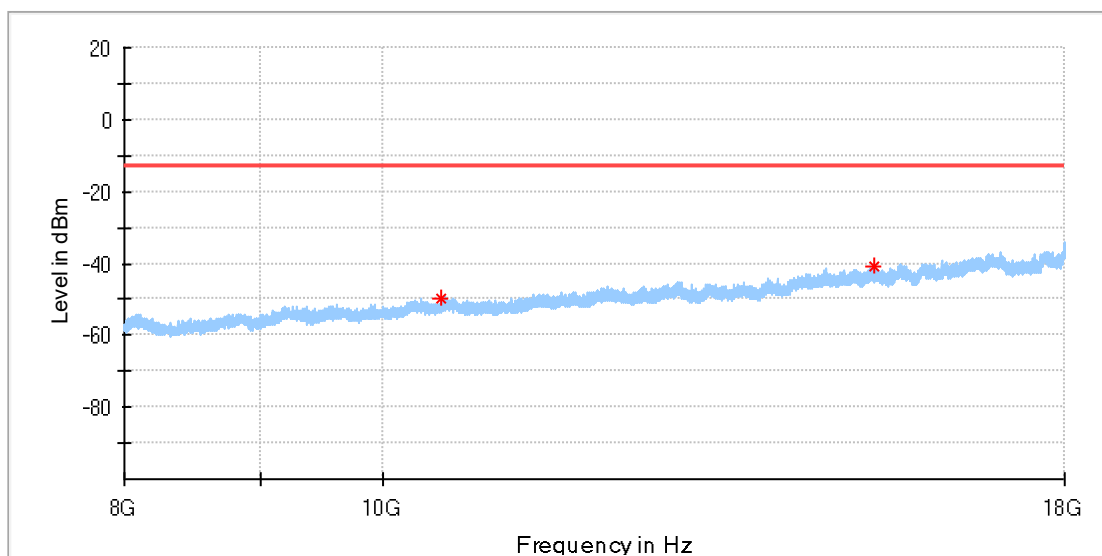
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 2059.500000 | -39.86 | -13.00 | 26.86 | 100. | V | 92.0 | -89.0 |
| 3760.500000 | -37.85 | -13.00 | 24.85 | 100. | V | 10.0 | -87.0 |
| 5640.500000 | -41.97 | -13.00 | 28.97 | 100. | V | 327.0 | -83.8 |

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EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B2_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



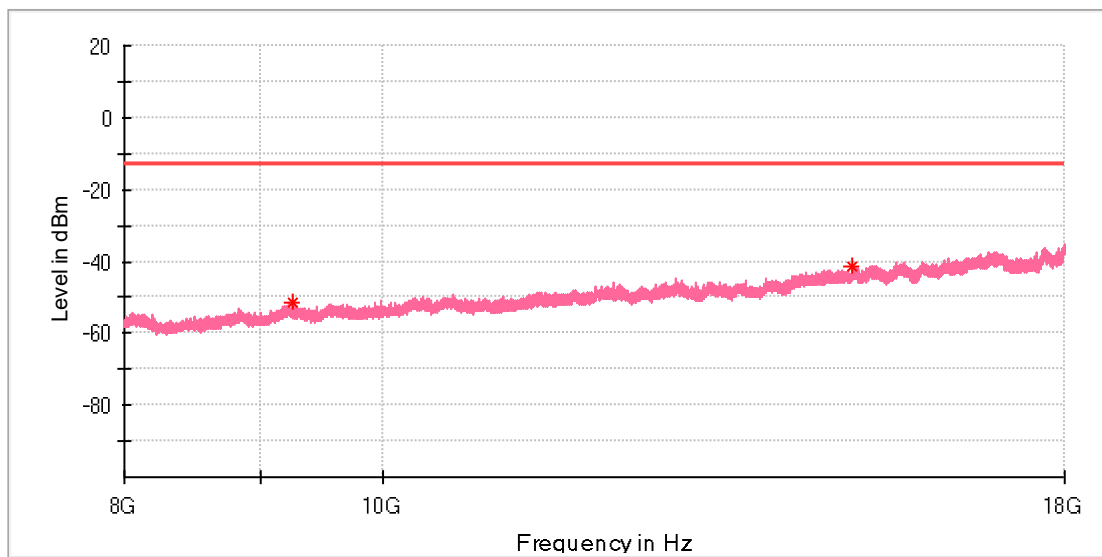
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 10517.500000 | -50.01 | -13.00 | 37.01 | 100. | H | 284.0 | -82.7 |
| 15285.500000 | -40.99 | -13.00 | 27.99 | 100. | H | 194.0 | -77.5 |

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EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B2_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

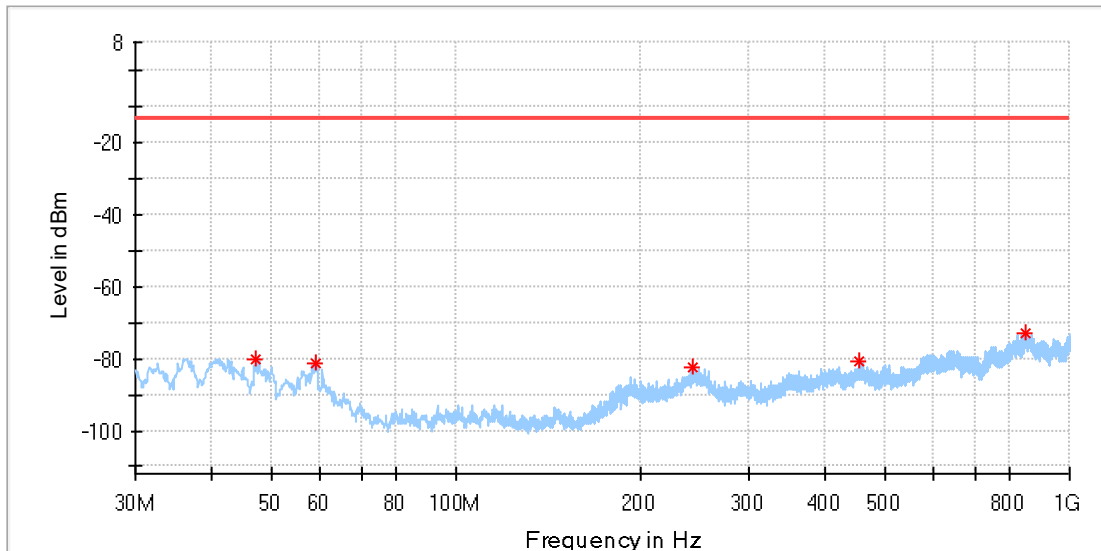
| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 9254.500000 | -51.38 | -13.00 | 38.38 | 100. | V | 167.0 | -83.9 |
| 14977.500000 | -41.51 | -13.00 | 28.51 | 100. | V | 335.0 | -77.4 |

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Below 1GHz

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B2_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



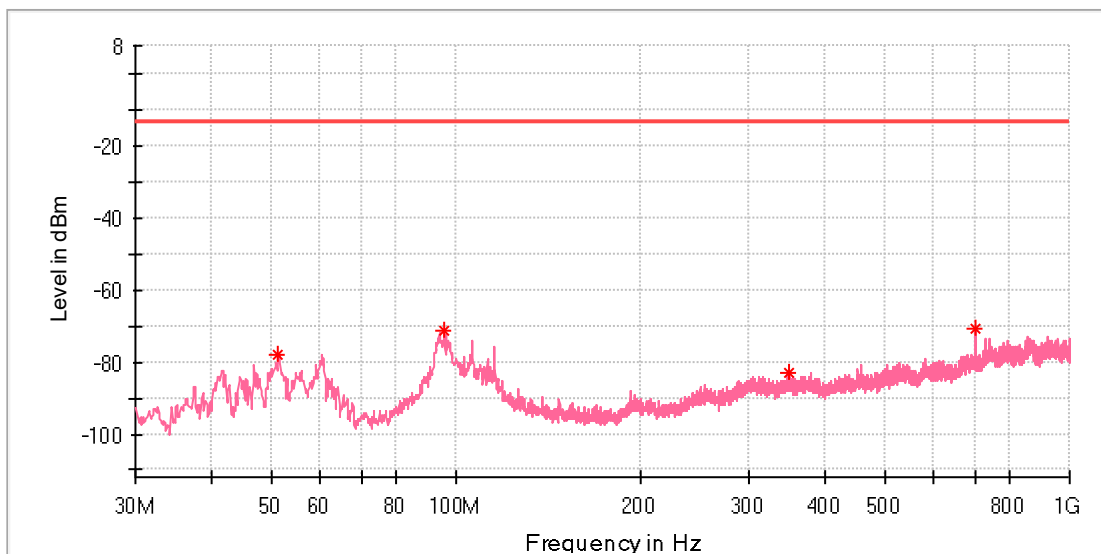
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 47.217500 | -80.28 | -13.00 | 67.28 | 100. | H | 351.0 | -114. |
| 58.857500 | -81.38 | -13.00 | 68.38 | 100. | H | 68.0 | -116. |
| 243.521250 | -82.22 | -13.00 | 69.22 | 100. | H | 0.0 | -110. |
| 455.345000 | -80.64 | -13.00 | 67.64 | 100. | H | 20.0 | -108. |
| 848.558750 | -73.07 | -13.00 | 60.07 | 100. | H | 131.0 | -99.1 |

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EUT Information

| | |
|---------------------|------------------------------|
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| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 24 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polar | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|-------|---------|------------|
| 51.340000 | -78.01 | -13.00 | 65.01 | 100. | V | 273.0 | -123. |
| 95.596250 | -71.46 | -13.00 | 58.46 | 100. | V | 7.0 | -100. |
| 349.857500 | -82.84 | -13.00 | 69.84 | 100. | V | 29.0 | -110. |
| 702.210000 | -70.69 | -13.00 | 57.69 | 100. | V | 159.0 | -105. |

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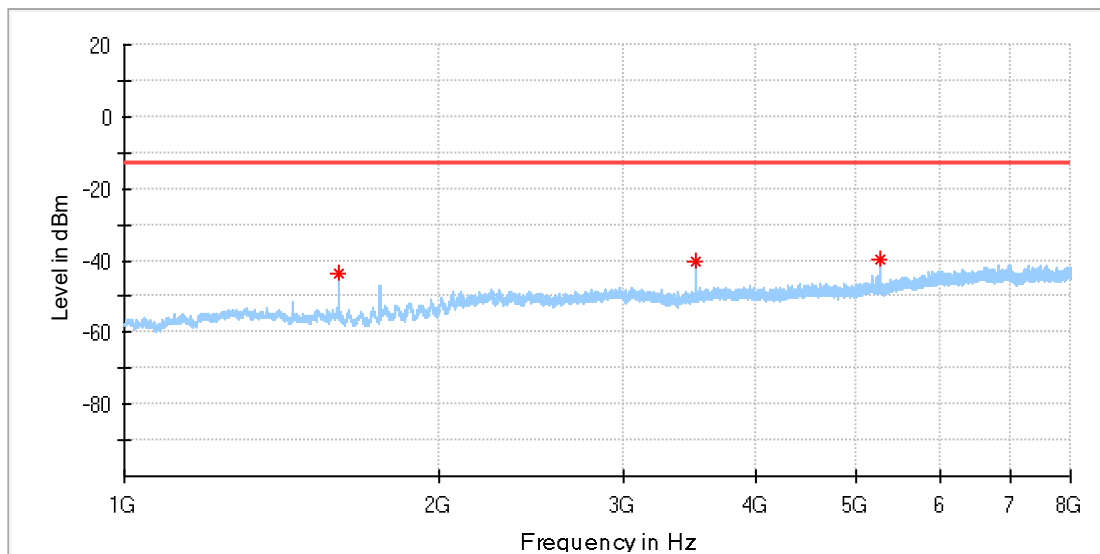
Appendix M.2: Field Strength of Spurious Radiation for Band 4

Only worst-case mode reported.

Above 1GHz

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



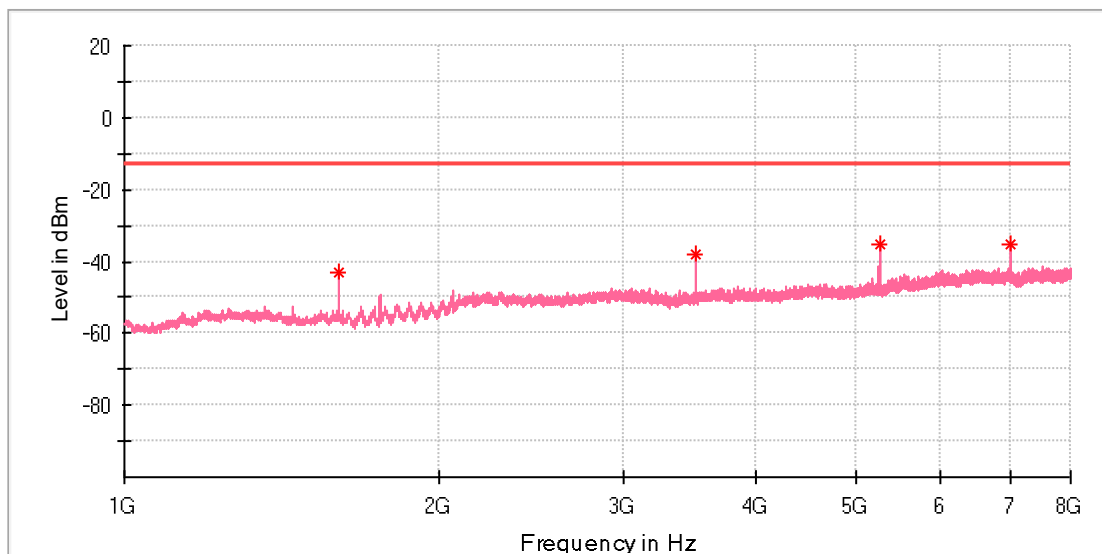
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margi n | Heig ht | Po l | Azimut h | Corr. (dB) |
|-----------------|---------|-------------|---------|---------|------|----------|------------|
| 1601.500000 | -43.84 | -13.00 | 30.84 | 100. | H | 48.0 | -92.8 |
| 3508.000000 | -40.06 | -13.00 | 27.06 | 100. | H | 81.0 | -87.3 |
| 5261.500000 | -39.68 | -13.00 | 26.68 | 100. | H | 46.0 | -85.0 |

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EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



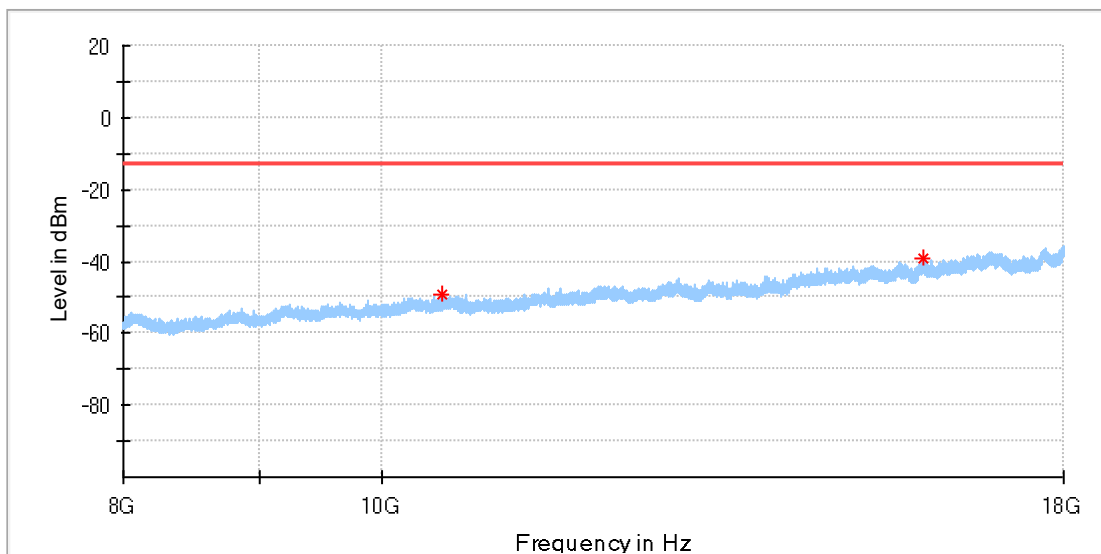
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1601.000000 | -43.25 | -13.00 | 30.25 | 100. | V | 348.0 | -92.9 |
| 3507.500000 | -37.89 | -13.00 | 24.89 | 100. | V | 66.0 | -87.5 |
| 5261.500000 | -35.07 | -13.00 | 22.07 | 100. | V | 41.0 | -85.0 |
| 7016.000000 | -35.46 | -13.00 | 22.46 | 100. | V | 75.0 | -80.6 |

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EUT Information

| | |
|---------------------|-------------------------------|
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| Model: | ME310G1-W3 |
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| Order No/Sample No: | 168335486/A003146834-010 |
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| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



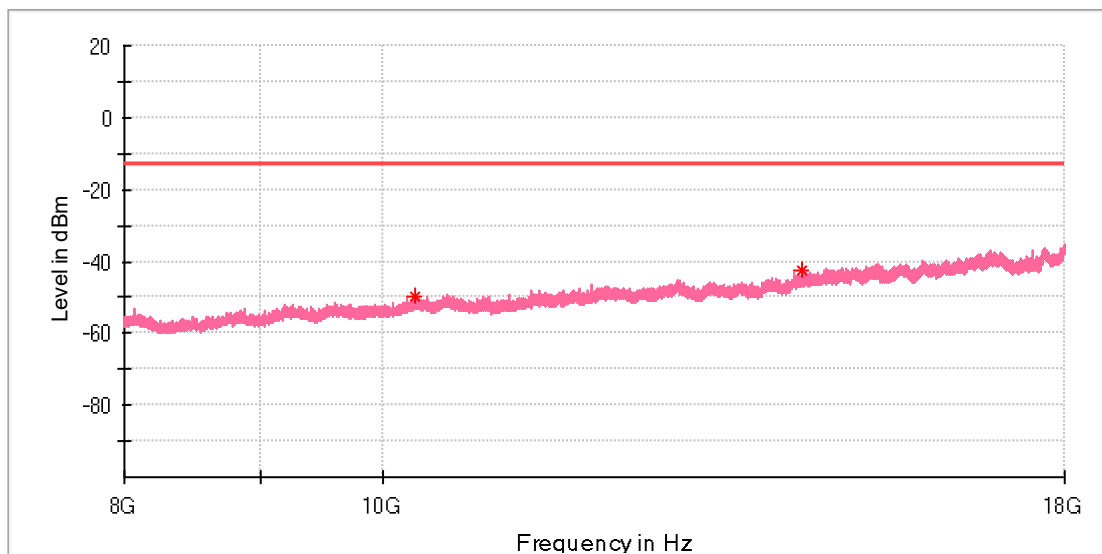
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 10529.500000 | -49.35 | -13.00 | 36.35 | 100. | H | 242.0 | -82.6 |
| 15940.500000 | -39.06 | -13.00 | 26.06 | 100. | H | 164.0 | -76.6 |

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EUT Information

| | |
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| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



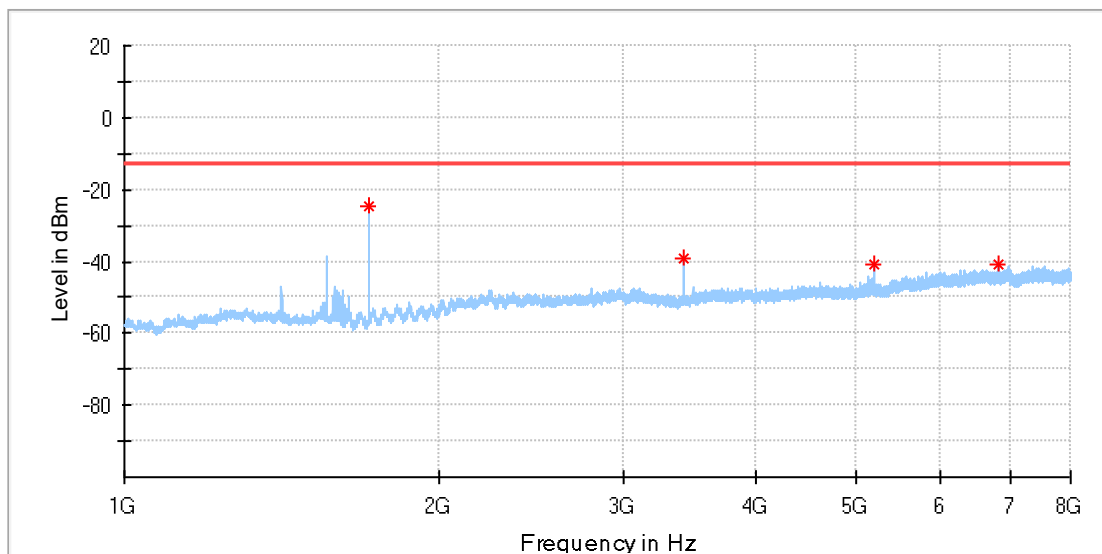
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 10283.000000 | -49.71 | -13.00 | 36.71 | 100. | V | 65.0 | -83.4 |
| 14344.000000 | -42.48 | -13.00 | 29.48 | 100. | V | 15.0 | -77.7 |

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EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



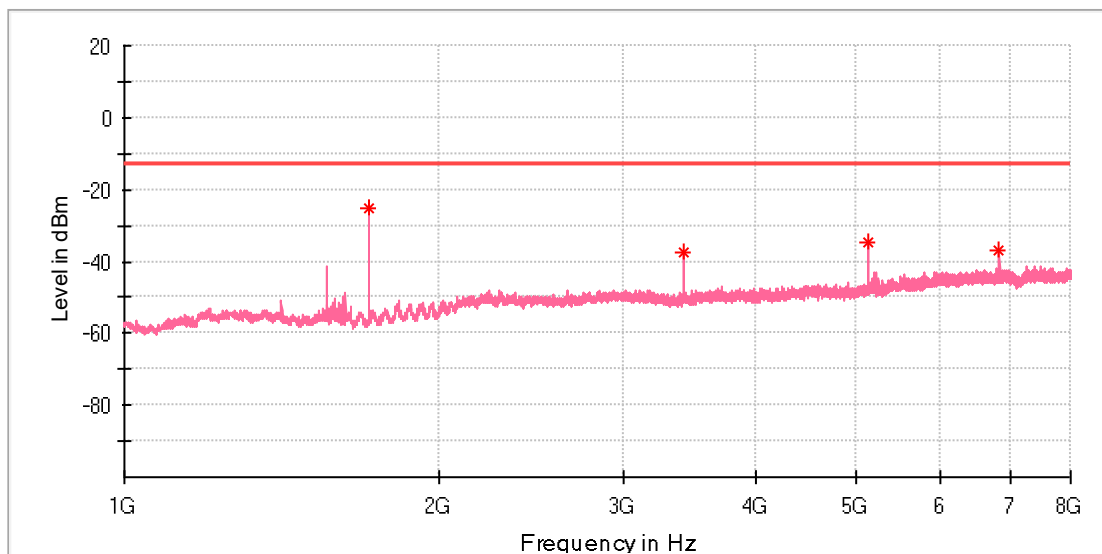
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1710.500000 | -24.85 | -13.00 | 11.85 | 100. | H | 109.0 | -92.1 |
| 3420.000000 | -39.00 | -13.00 | 26.00 | 100. | H | 93.0 | -87.9 |
| 5203.500000 | -41.08 | -13.00 | 28.08 | 100. | H | 0.0 | -84.9 |
| 6840.500000 | -40.70 | -13.00 | 27.70 | 100. | H | 83.0 | -81.4 |

Produkte
 Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



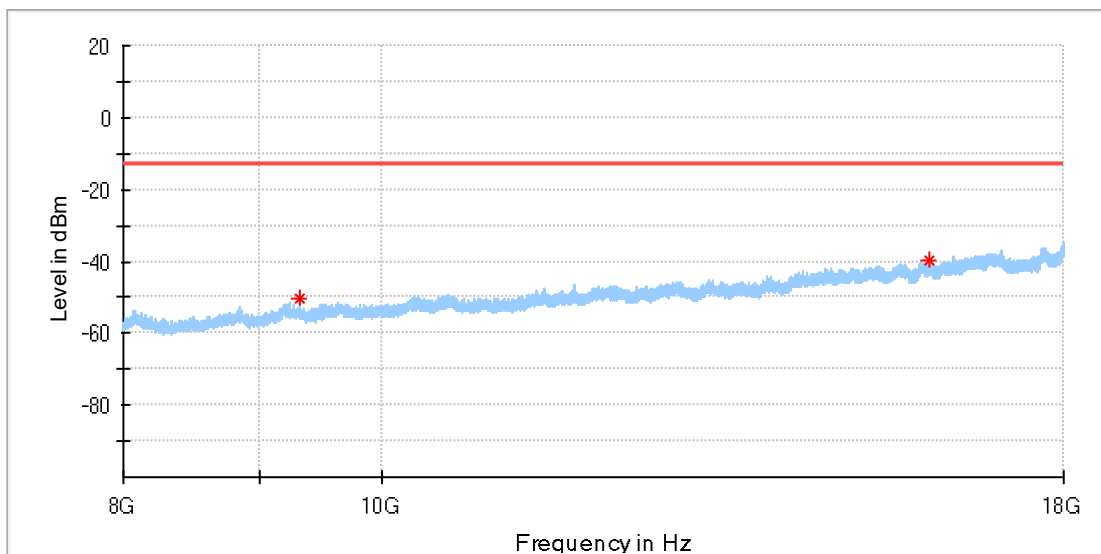
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margi n | Heig ht | Po l | Azimut h | Corr. (dB) |
|-----------------|---------|-------------|---------|---------|------|----------|------------|
| 1710.000000 | -25.05 | -13.00 | 12.05 | 100. | V | 179.0 | -91.9 |
| 3420.000000 | -37.59 | -13.00 | 24.59 | 100. | V | 268.0 | -87.7 |
| 5130.500000 | -34.94 | -13.00 | 21.94 | 100. | V | 336.0 | -84.9 |
| 6841.500000 | -36.85 | -13.00 | 23.85 | 100. | V | 117.0 | -81.4 |

Produkte
Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



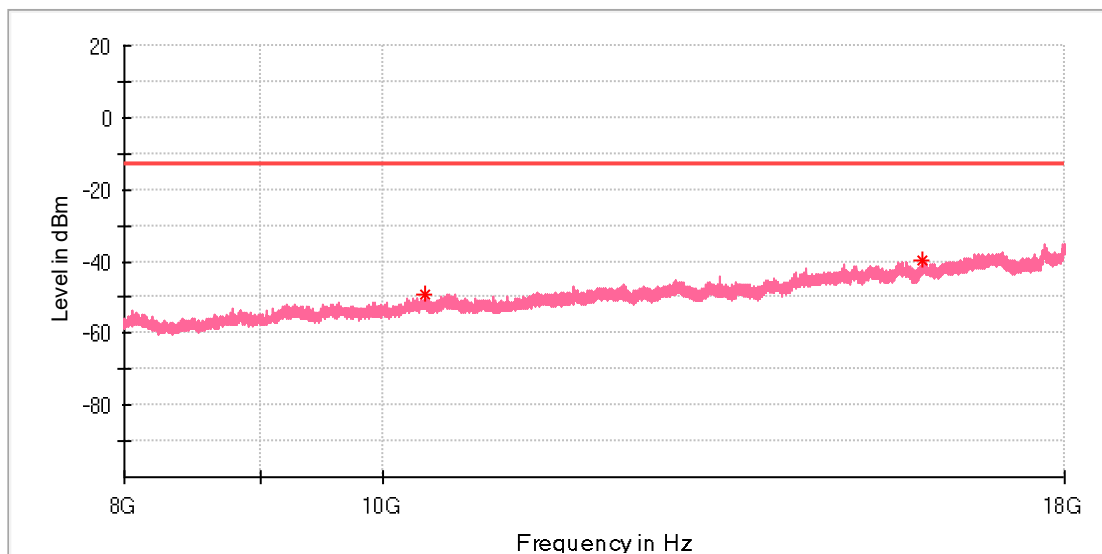
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 9310.000000 | -50.51 | -13.00 | 37.51 | 100. | H | 239.0 | -84.5 |
| 16027.500000 | -39.97 | -13.00 | 26.97 | 100. | H | 172.0 | -76.5 |

Produkte
Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



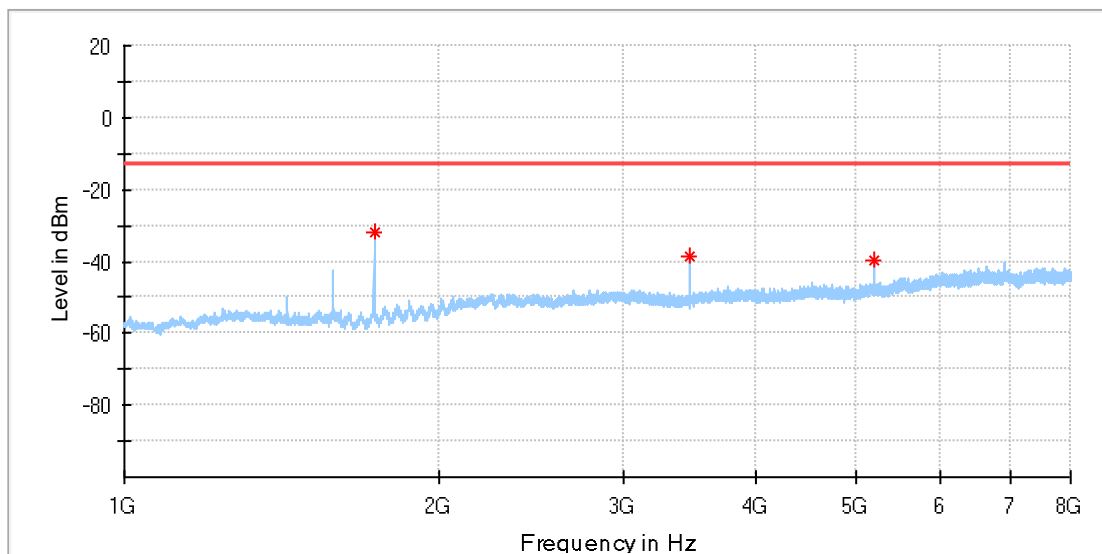
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 10369.000000 | -49.07 | -13.00 | 36.07 | 100. | V | 124.0 | -82.9 |
| 15918.000000 | -39.54 | -13.00 | 26.54 | 100. | V | 36.0 | -76.6 |

Produkte
 Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



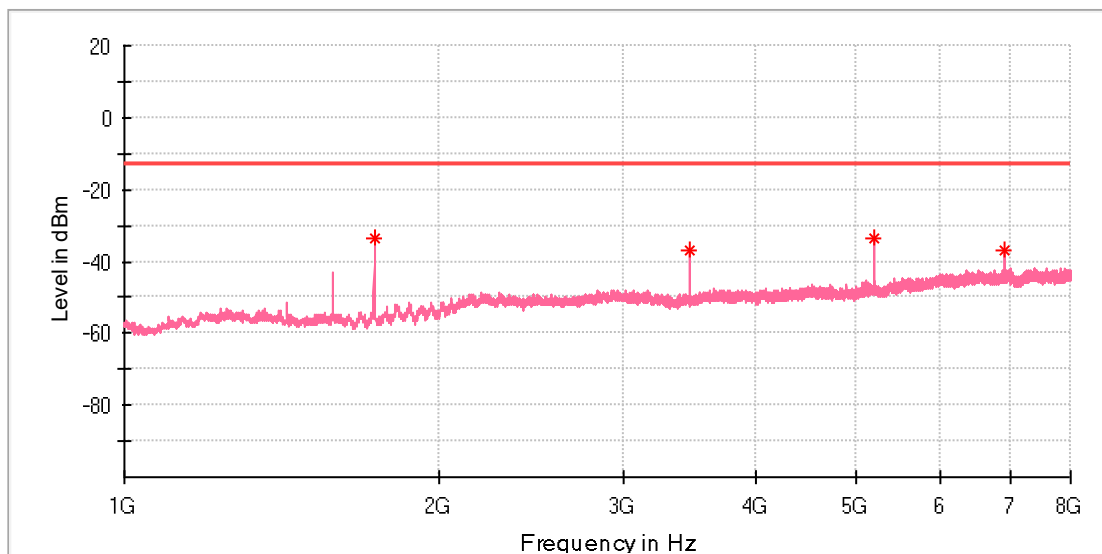
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1732.000000 | -32.09 | -13.00 | 19.09 | 100. | H | 118.0 | -91.4 |
| 3463.500000 | -38.47 | -13.00 | 25.47 | 100. | H | 68.0 | -88.1 |
| 5196.000000 | -39.64 | -13.00 | 26.64 | 100. | H | 228.0 | -84.8 |

Produkte
 Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



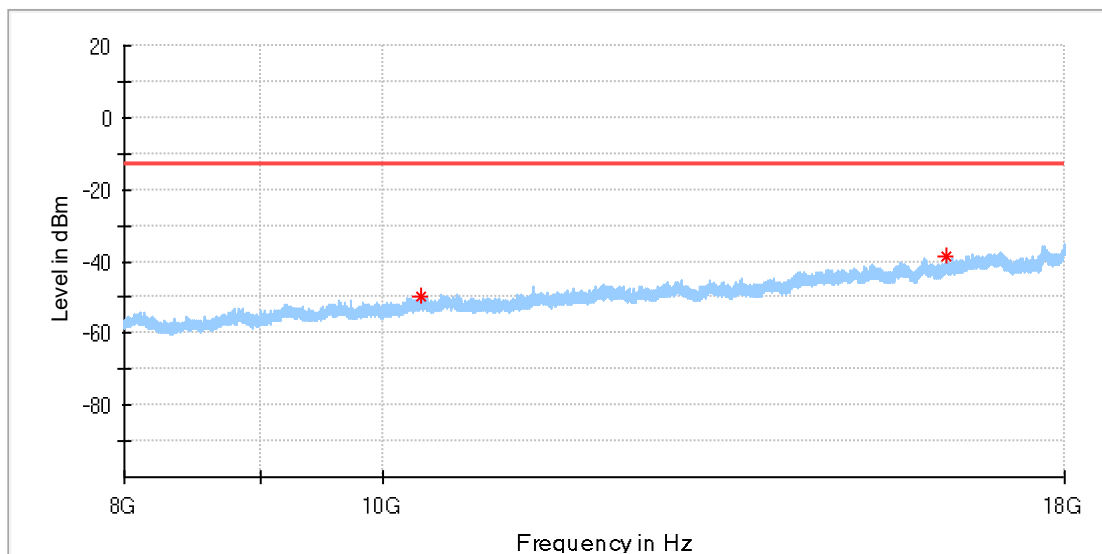
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1732.000000 | -33.49 | -13.00 | 20.49 | 100. | V | 304.0 | -91.6 |
| 3464.000000 | -37.12 | -13.00 | 24.12 | 100. | V | 56.0 | -87.8 |
| 5196.500000 | -33.42 | -13.00 | 20.42 | 100. | V | 357.0 | -84.8 |
| 6928.500000 | -37.13 | -13.00 | 24.13 | 100. | V | 269.0 | -81.2 |

Produkte
Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



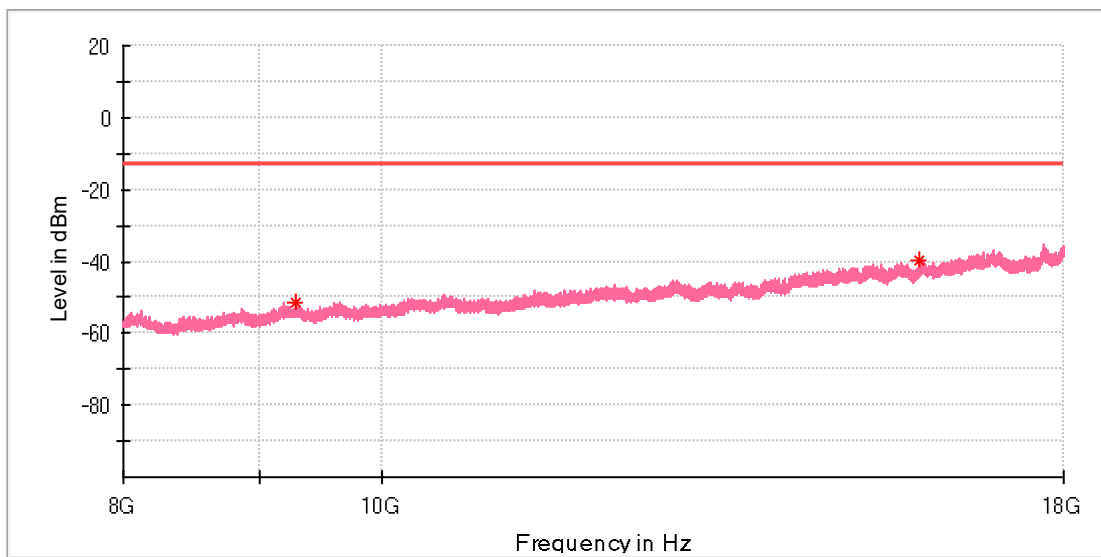
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 10336.500000 | -49.50 | -13.00 | 36.50 | 100. | H | 179.0 | -83.2 |
| 16241.000000 | -38.78 | -13.00 | 25.78 | 100. | H | 43.0 | -76.0 |

Produkte
Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

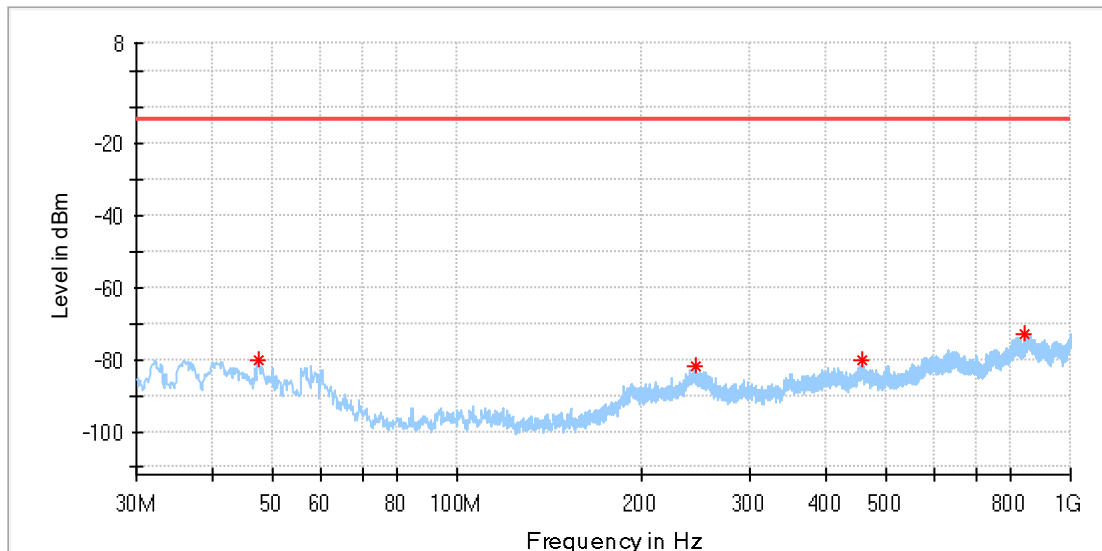
| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 9290.500000 | -51.35 | -13.00 | 38.35 | 100. | V | 93.0 | -84.2 |
| 15888.000000 | -39.67 | -13.00 | 26.67 | 100. | V | 179.0 | -76.8 |

Produkte
 Products

Below 1GHz

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



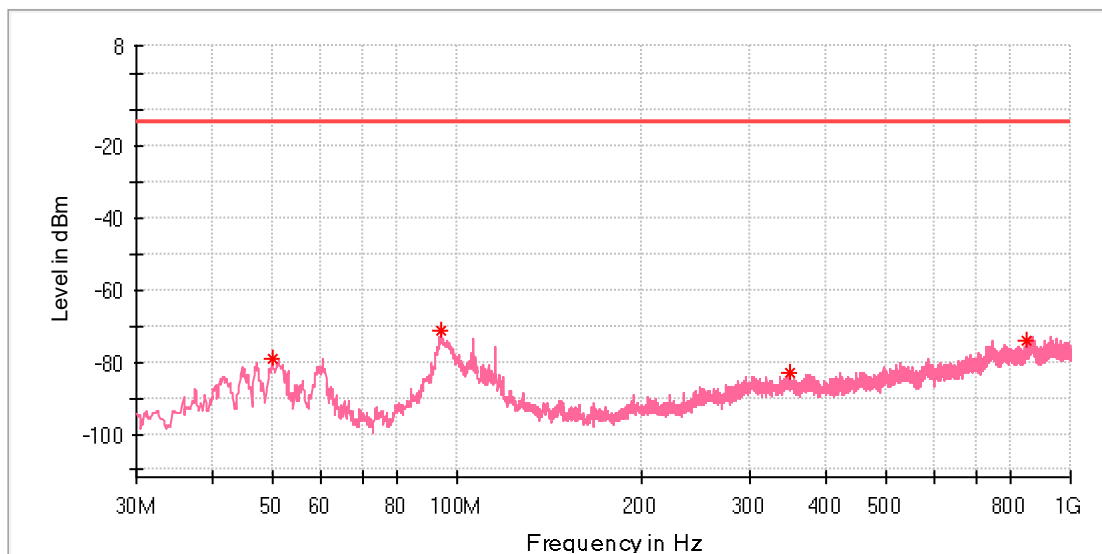
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 47.460000 | -80.12 | -13.00 | 67.12 | 100. | H | 275.0 | -114. |
| 244.127500 | -82.00 | -13.00 | 69.00 | 100. | H | 185.0 | -110. |
| 456.921250 | -80.06 | -13.00 | 67.06 | 100. | H | 230.0 | -108. |
| 841.041250 | -72.72 | -13.00 | 59.72 | 100. | H | 284.0 | -100. |

Produkte
 Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B4_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 50.006250 | -78.91 | -13.00 | 65.91 | 100. | V | 230.0 | -124. |
| 94.141250 | -71.06 | -13.00 | 58.06 | 100. | V | 43.0 | -99.8 |
| 348.766250 | -82.92 | -13.00 | 69.92 | 100. | V | 230.0 | -110. |
| 846.012500 | -74.05 | -13.00 | 61.05 | 100. | V | 310.0 | -101. |

Produkte
 Products

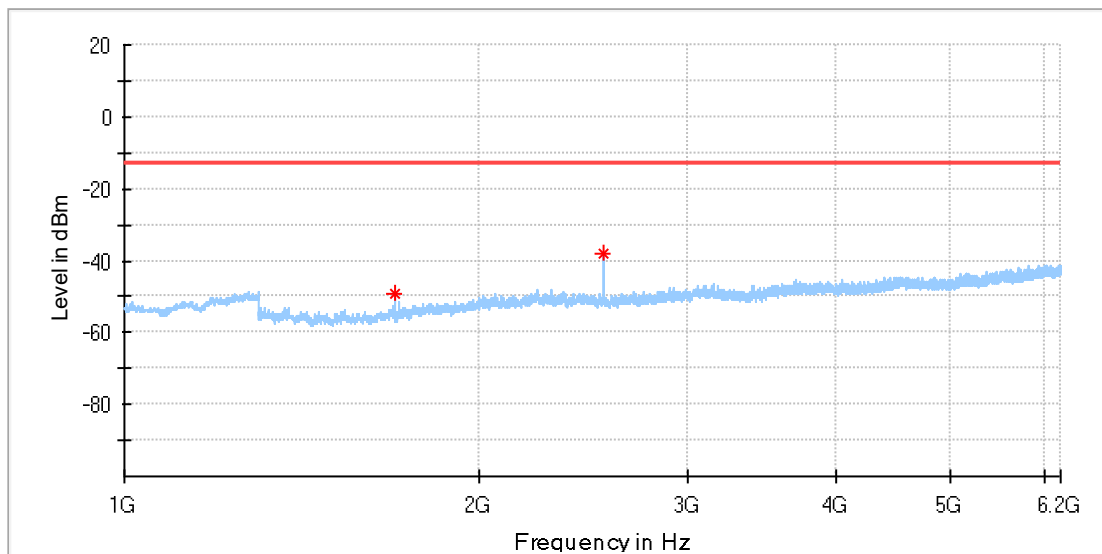
Appendix M.3: Field Strength of Spurious Radiation for Band 5

Only worst-case mode reported.

Above 1GHz

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



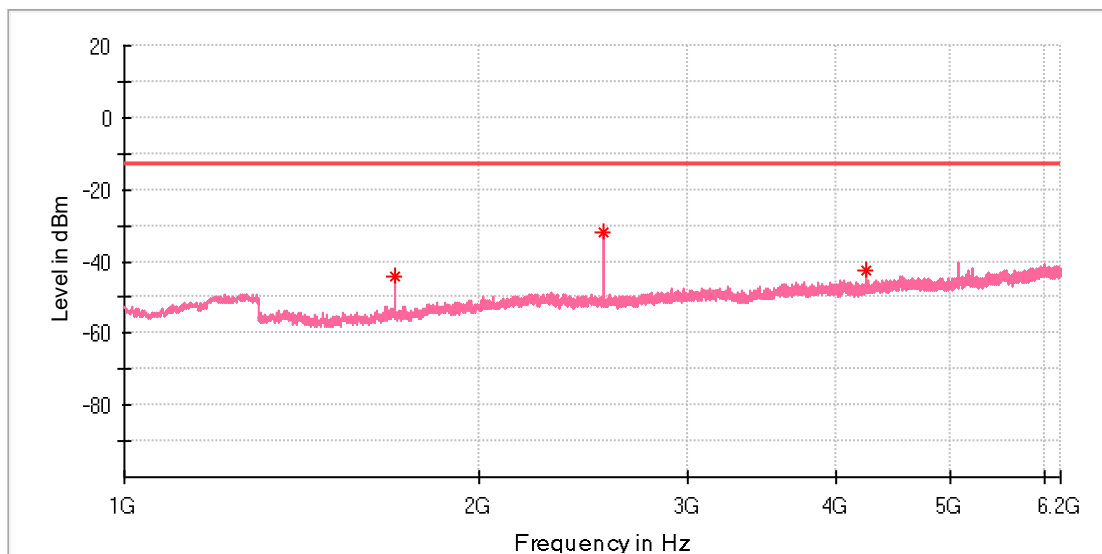
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 1695.500000 | -49.47 | -13.00 | 36.47 | 100. | H | 145.0 | -92.4 |
| 2543.000000 | -38.14 | -13.00 | 25.14 | 100. | H | 117.0 | -88.3 |

Produkte
 Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



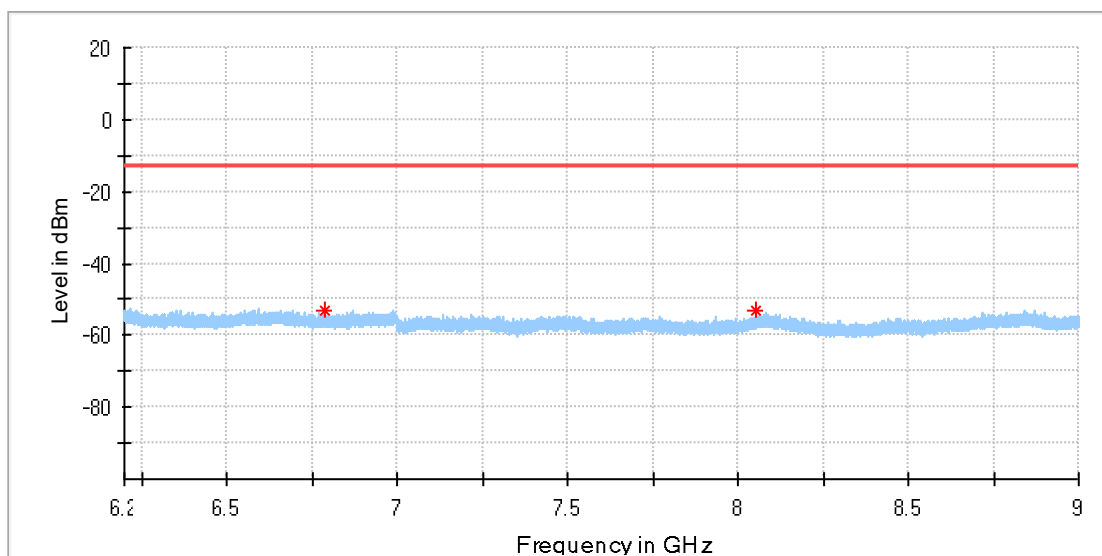
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1695.500000 | -44.26 | -13.00 | 31.26 | 100. | V | 337.0 | -92.1 |
| 2544.000000 | -32.14 | -13.00 | 19.14 | 100. | V | 38.0 | -88.4 |
| 4239.000000 | -42.62 | -13.00 | 29.62 | 100. | V | 337.0 | -85.2 |

Produkte
Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



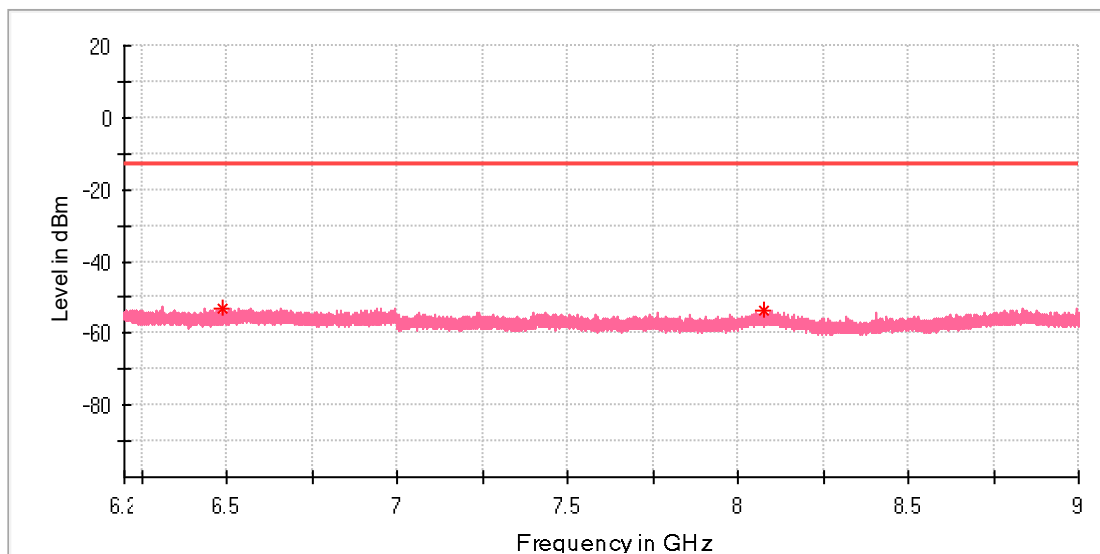
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 6787.766667 | -53.02 | -13.00 | 40.02 | 100. | H | 176.0 | -88.6 |
| 8053.250000 | -53.05 | -13.00 | 40.05 | 100. | H | 166.0 | -86.9 |

Produkte
Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



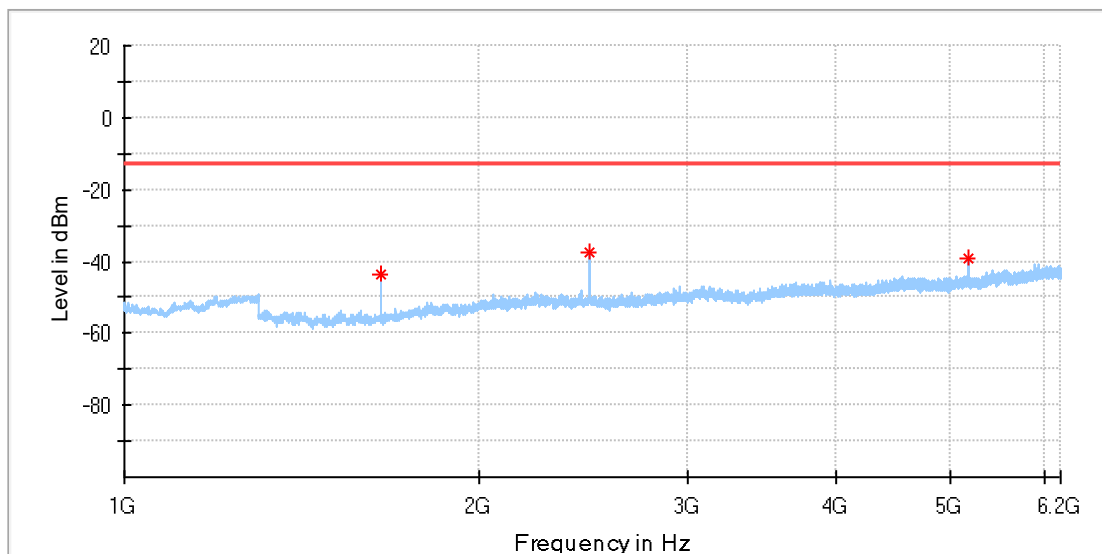
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 6488.983333 | -53.31 | -13.00 | 40.31 | 100. | V | 49.0 | -87.8 |
| 8079.150000 | -53.93 | -13.00 | 40.93 | 100. | V | 227.0 | -86.7 |

Produkte
 Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



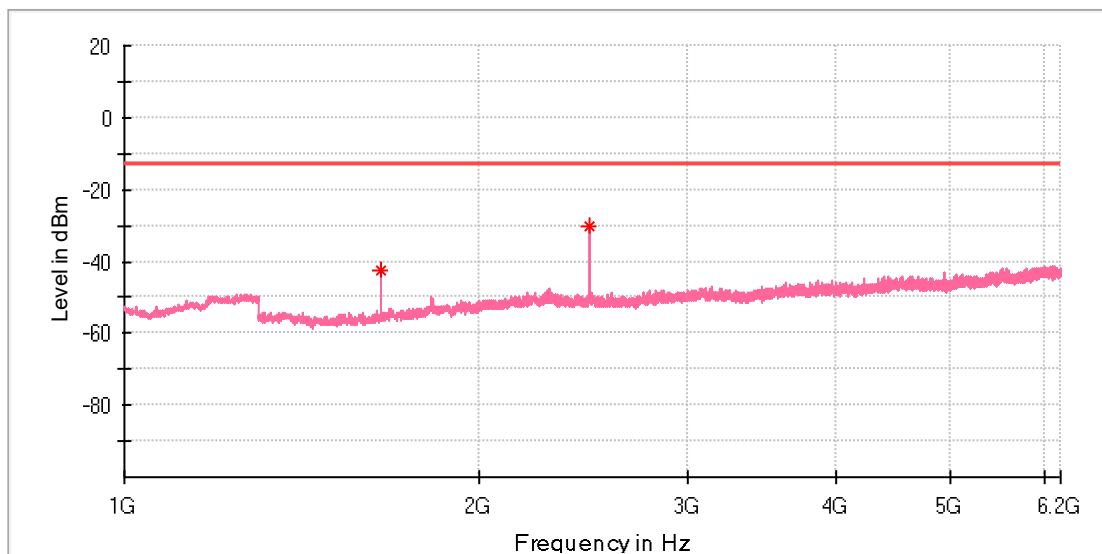
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1648.000000 | -43.56 | -13.00 | 30.56 | 100. | H | 274.0 | -92.4 |
| 2472.500000 | -37.30 | -13.00 | 24.30 | 100. | H | 85.0 | -87.9 |
| 5173.500000 | -39.12 | -13.00 | 26.12 | 100. | H | 222.0 | -82.8 |

Produkte
Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



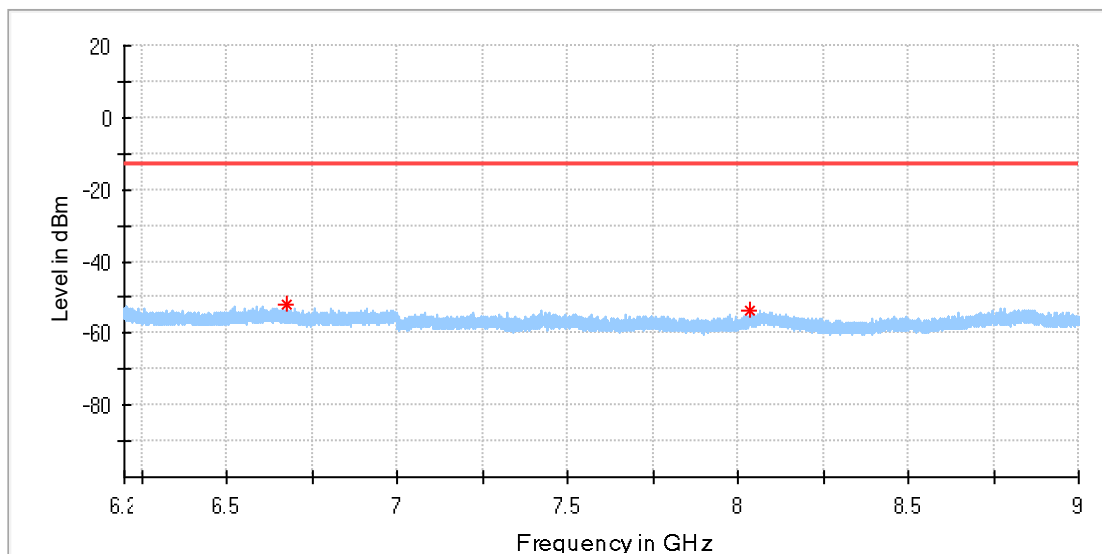
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1648.000000 | -42.51 | -13.00 | 29.51 | 100. | V | 151.0 | -92.4 |
| 2472.500000 | -30.42 | -13.00 | 17.42 | 100. | V | 54.0 | -88.0 |

Produkte
Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



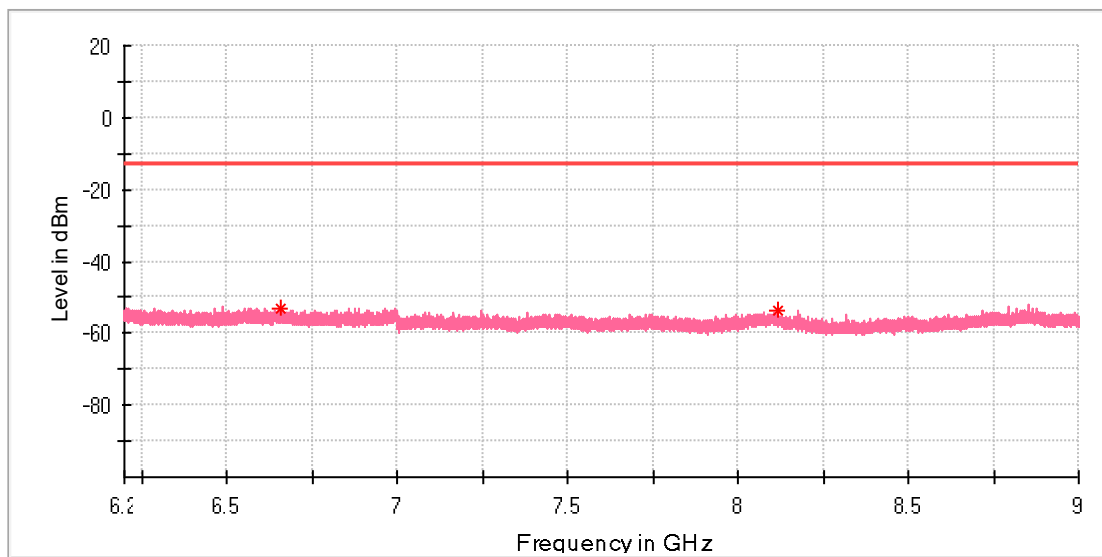
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 6675.416667 | -52.07 | -13.00 | 39.07 | 100. | H | 170.0 | -87.7 |
| 8035.983333 | -53.91 | -13.00 | 40.91 | 100. | H | 346.0 | -87.2 |

Produkte
 Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



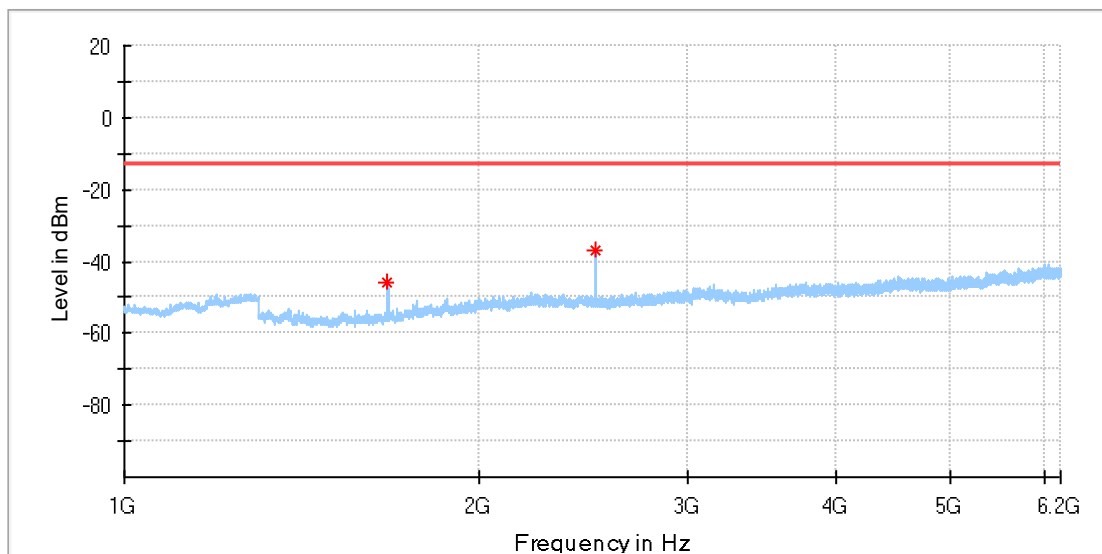
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 6656.400000 | -52.95 | -13.00 | 39.95 | 100. | V | 175.0 | -87.9 |
| 8118.816667 | -53.53 | -13.00 | 40.53 | 100. | V | 348.0 | -86.9 |

Produkte
Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



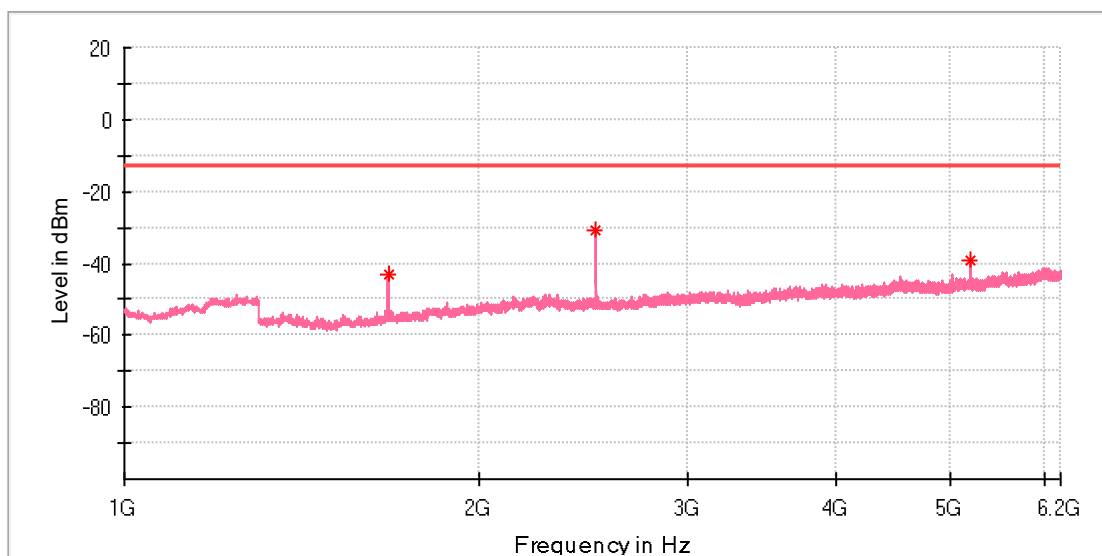
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1671.500000 | -45.69 | -13.00 | 32.69 | 100. | H | 343.0 | -92.5 |
| 2508.500000 | -36.73 | -13.00 | 23.73 | 100. | H | 265.0 | -88.3 |

Produkte
 Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



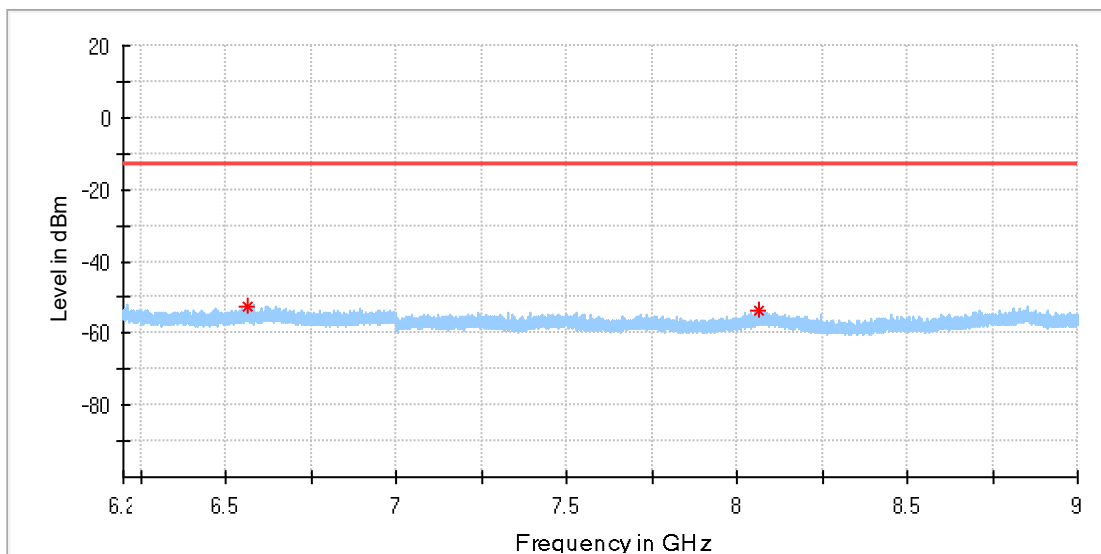
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1672.000000 | -43.25 | -13.00 | 30.25 | 100. | V | 119.0 | -92.2 |
| 2508.000000 | -30.61 | -13.00 | 17.61 | 100. | V | 24.0 | -88.2 |
| 5203.000000 | -39.02 | -13.00 | 26.02 | 100. | V | 113.0 | -83.0 |

Produkte
 Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



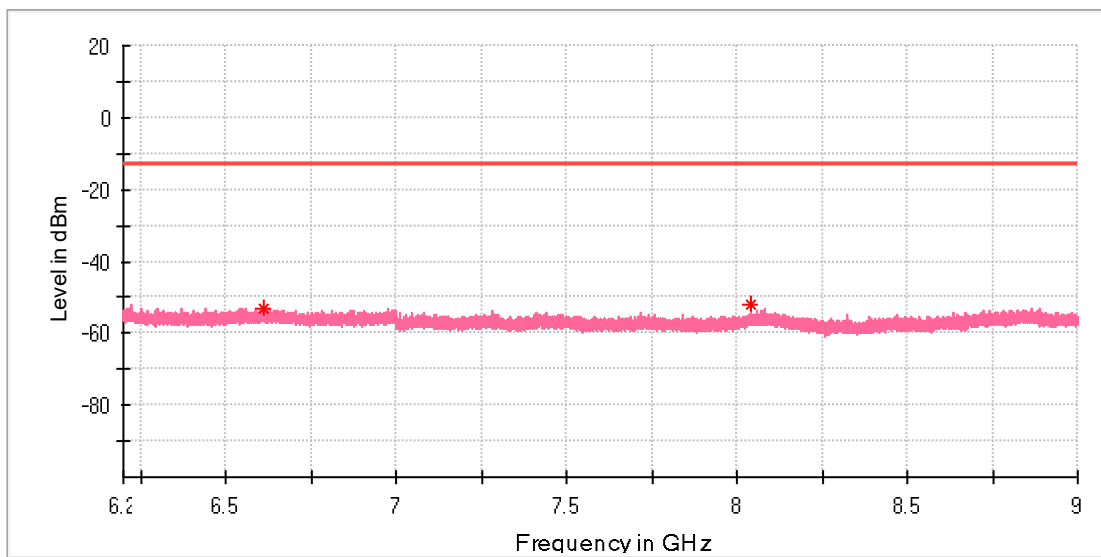
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 6562.950000 | -52.76 | -13.00 | 39.76 | 100. | H | 151.0 | -87.4 |
| 8063.633333 | -53.76 | -13.00 | 40.76 | 100. | H | 264.0 | -86.8 |

Produkte
 Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

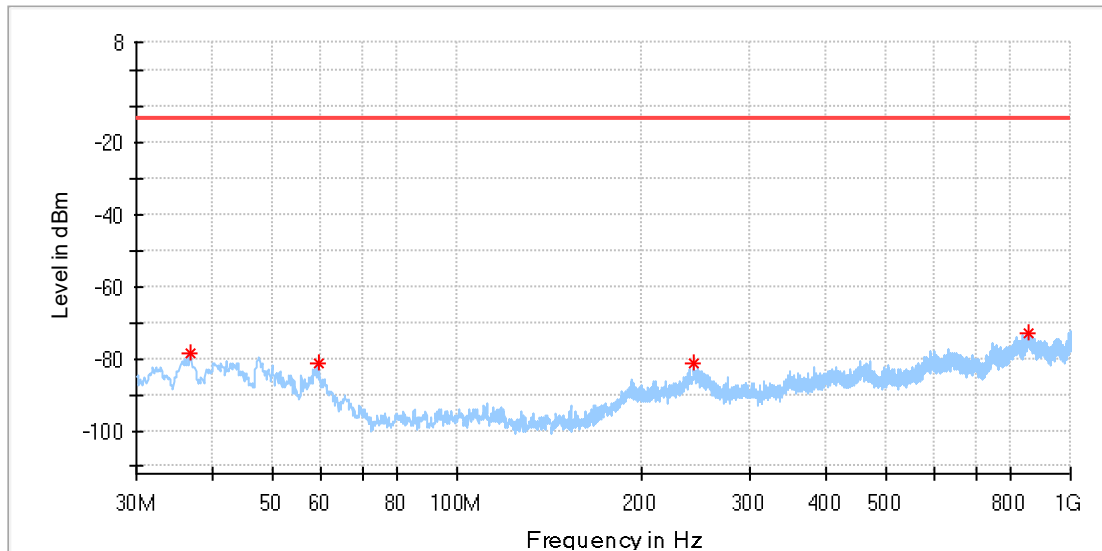
| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 6612.183333 | -53.05 | -13.00 | 40.05 | 100. | V | 97.0 | -88.1 |
| 8042.400000 | -52.23 | -13.00 | 39.23 | 100. | V | 142.0 | -86.9 |

Produkte
 Products

Below 1GHz

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



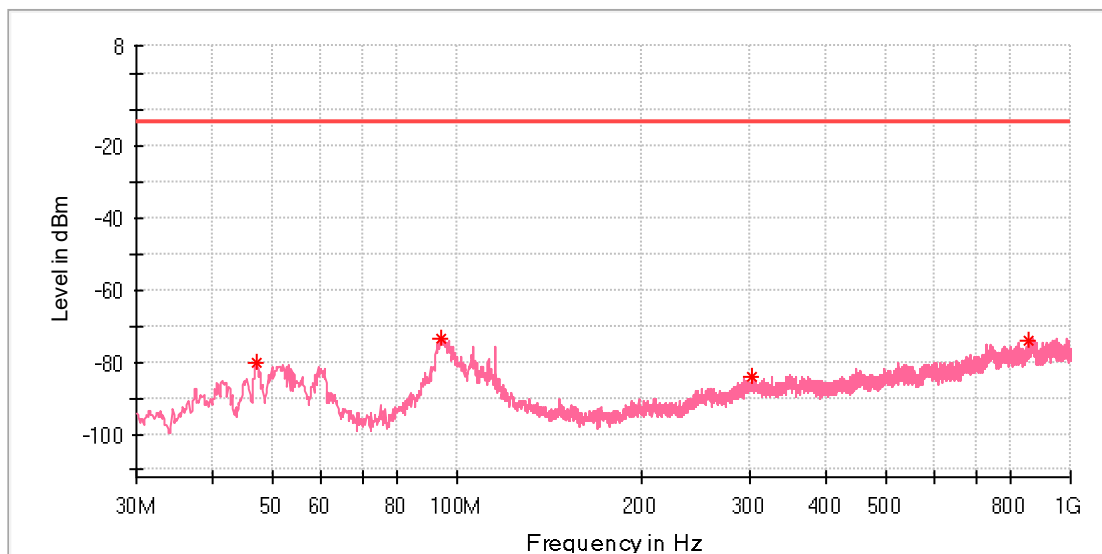
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 36.668750 | -78.70 | -13.00 | 65.70 | 100. | H | 319.0 | -113. |
| 59.342500 | -81.11 | -13.00 | 68.11 | 100. | H | 159.0 | -116. |
| 243.763750 | -81.35 | -13.00 | 68.35 | 100. | H | 273.0 | -110. |
| 855.591250 | -72.91 | -13.00 | 59.91 | 100. | H | 273.0 | -99.2 |

Produkte
 Products

EUT Information

| | |
|---------------------|------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B5_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 22 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 47.096250 | -80.37 | -13.00 | 67.37 | 100. | V | 352.0 | -123. |
| 94.262500 | -73.32 | -13.00 | 60.32 | 100. | V | 130.0 | -99.7 |
| 302.933750 | -84.25 | -13.00 | 71.25 | 100. | V | 329.0 | -111. |
| 855.712500 | -73.82 | -13.00 | 60.82 | 100. | V | 39.0 | -100. |

Produkte
 Products

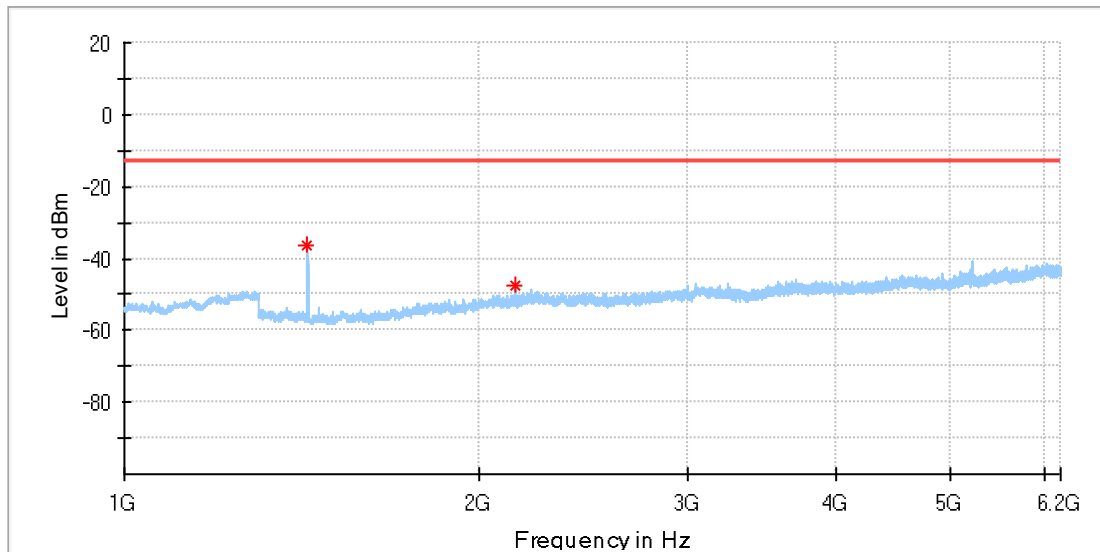
Appendix M.4: Field Strength of Spurious Radiation for Band 12

Only worst-case mode reported.

Above 1GHz

EUT Information

| | |
|---------------------|--------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



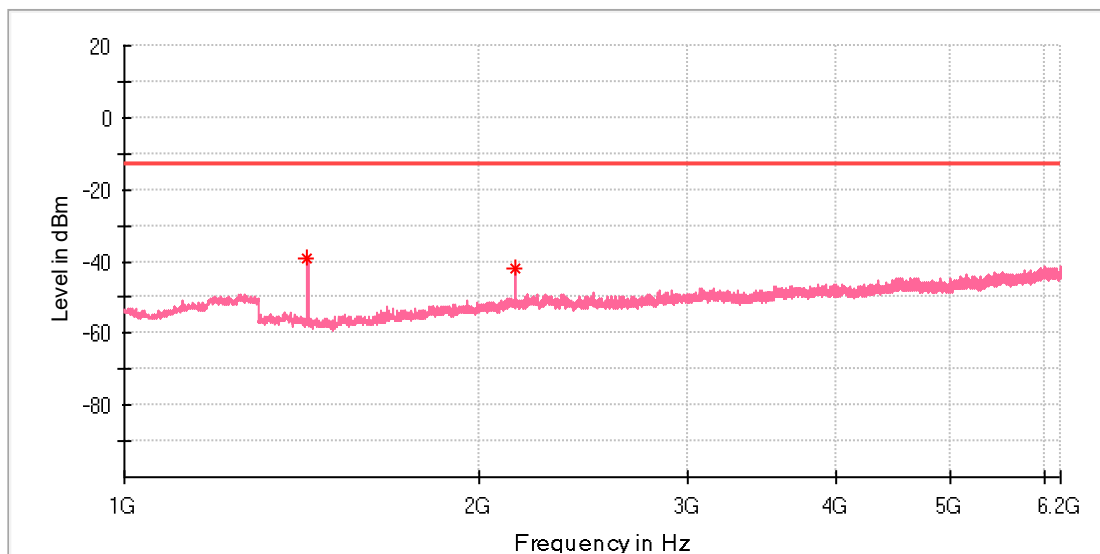
Critical Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 1429.500000 | -36.18 | -13.00 | 23.18 | 100. | H | 327.0 | -93.4 |
| 2144.000000 | -47.45 | -13.00 | 34.45 | 100. | H | 274.0 | -88.5 |

Produkte
Products

EUT Information

| | |
|---------------------|--------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



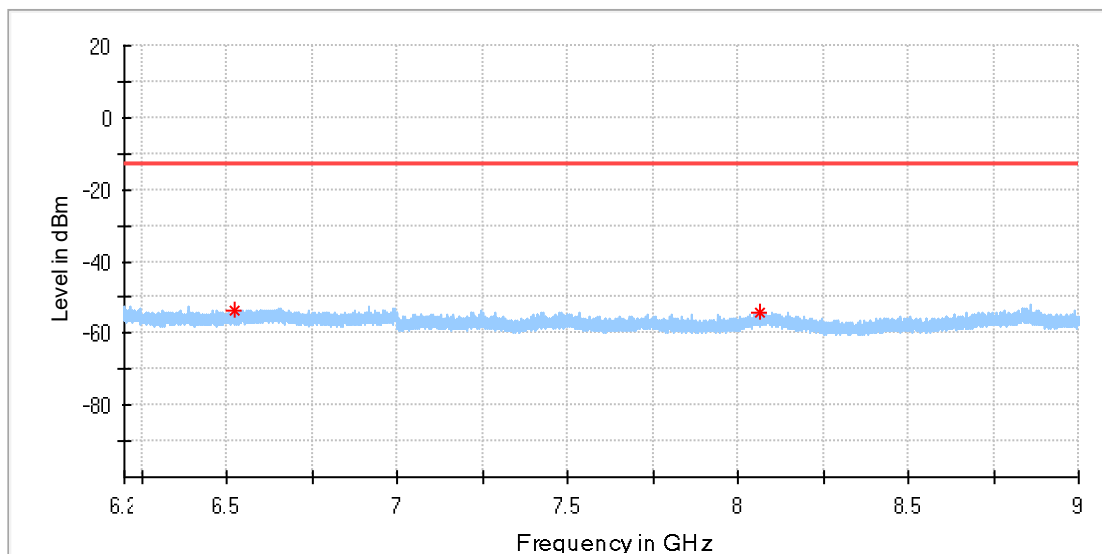
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1429.500000 | -39.43 | -13.00 | 26.43 | 100. | V | 299.0 | -93.5 |
| 2144.000000 | -41.72 | -13.00 | 28.72 | 100. | V | 220.0 | -87.9 |

Produkte
Products

EUT Information

| | |
|---------------------|--------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



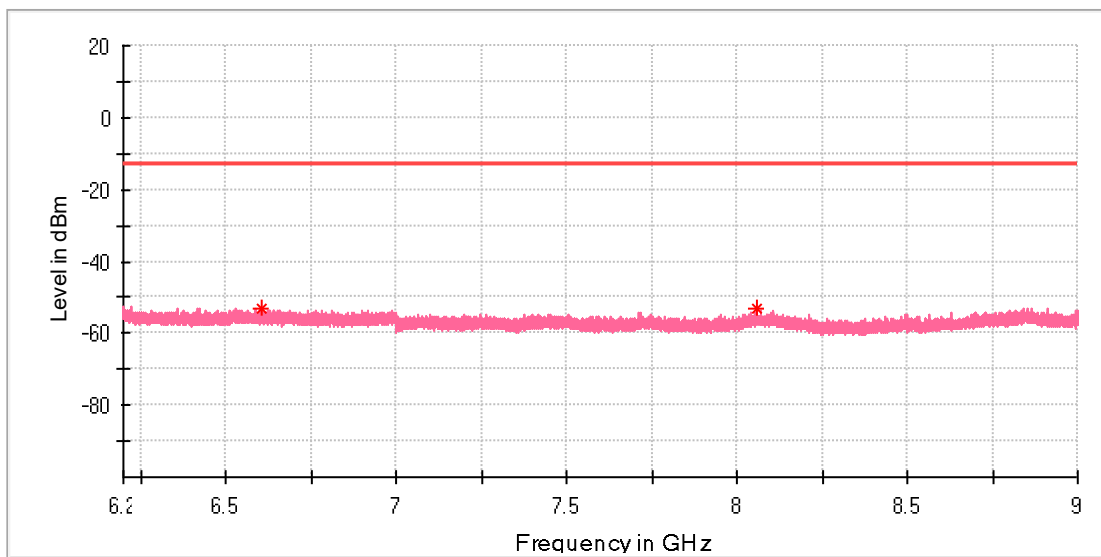
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 6520.950000 | -53.55 | -13.00 | 40.55 | 100. | H | 47.0 | -87.5 |
| 8063.516667 | -54.43 | -13.00 | 41.43 | 100. | H | 307.0 | -86.8 |

Produkte
 Products

EUT Information

| | |
|---------------------|--------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_High Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



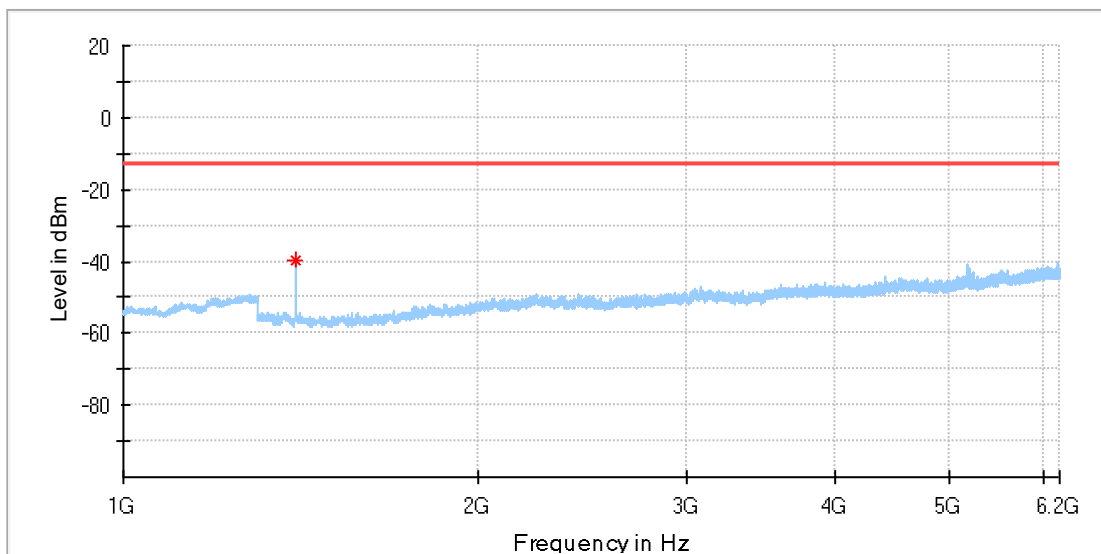
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 6608.450000 | -53.05 | -13.00 | 40.05 | 100. | V | 0.0 | -88.1 |
| 8059.200000 | -53.36 | -13.00 | 40.36 | 100. | V | 145.0 | -86.8 |

Produkte
 Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



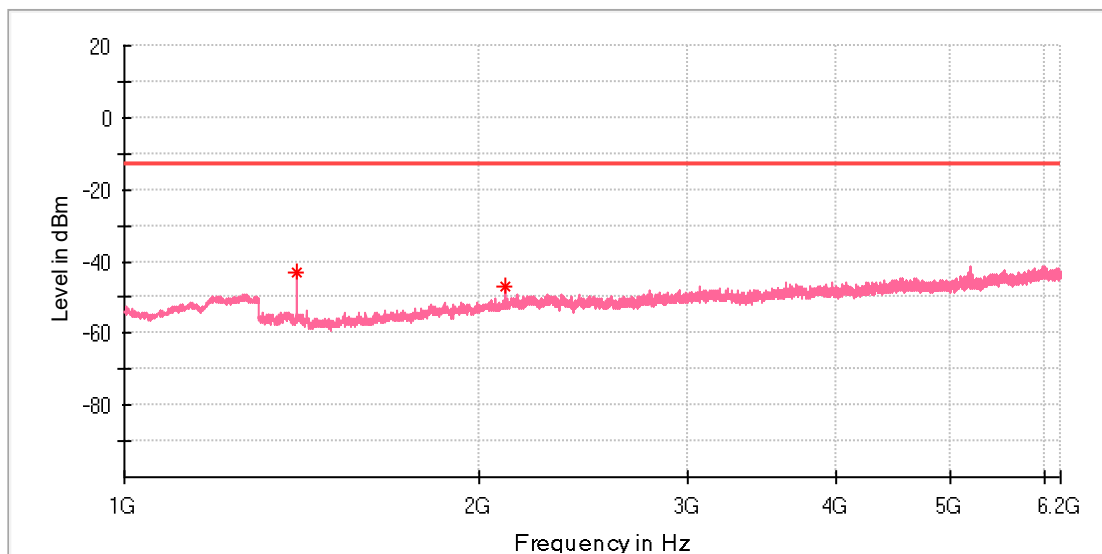
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Pol | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|-----|---------|------------|
| 1398.500000 | -39.96 | -13.00 | 26.96 | 100. | H | 291.0 | -93.0 |

Produkte
 Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



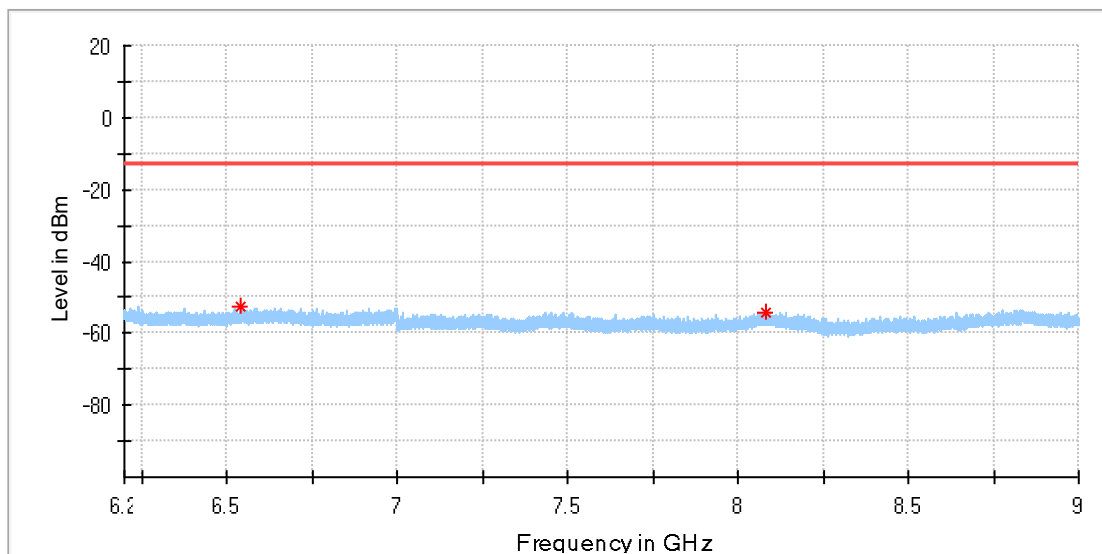
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1398.500000 | -43.26 | -13.00 | 30.26 | 100. | V | 0.0 | -92.8 |
| 2097.500000 | -46.72 | -13.00 | 33.72 | 100. | V | 0.0 | -88.6 |

Produkte
Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



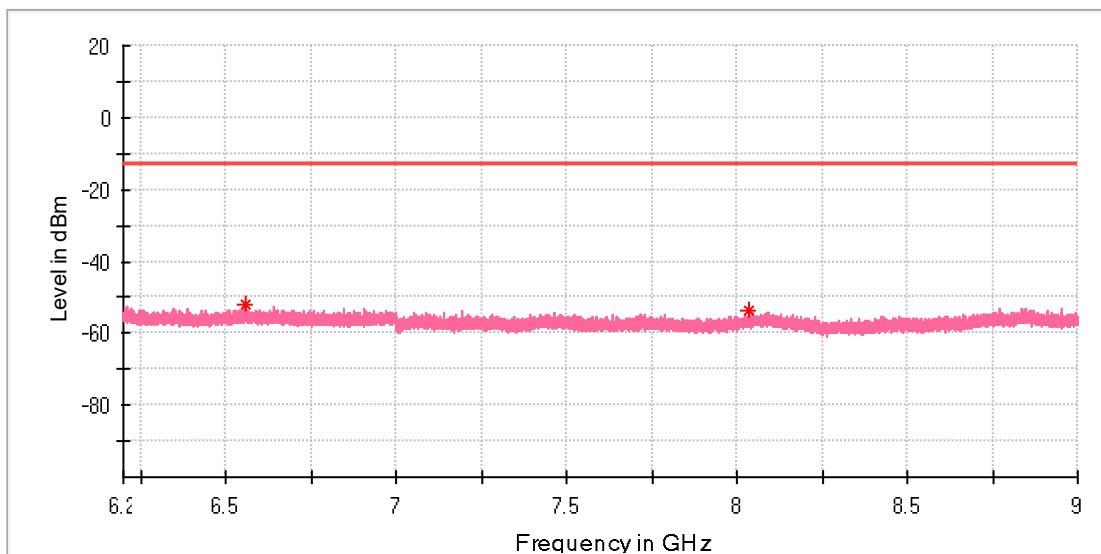
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 6540.900000 | -52.56 | -13.00 | 39.56 | 100. | H | 258.0 | -87.4 |
| 8081.950000 | -54.27 | -13.00 | 41.27 | 100. | H | 5.0 | -86.6 |

Produkte
Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_Low Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



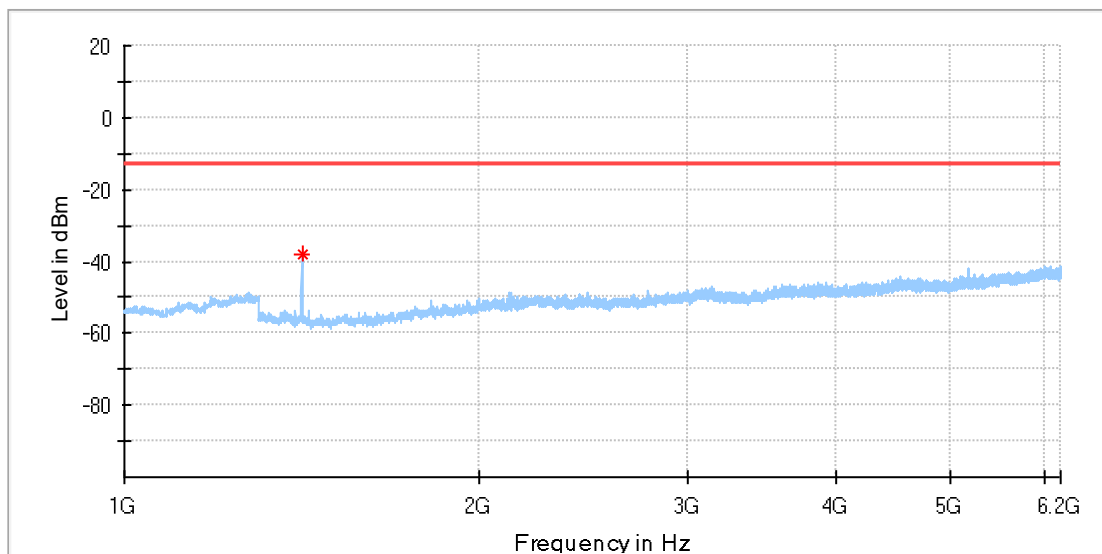
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 6559.100000 | -52.10 | -13.00 | 39.10 | 100. | V | 356.0 | -87.3 |
| 8033.766667 | -53.95 | -13.00 | 40.95 | 100. | V | 231.0 | -87.0 |

Produkte
Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



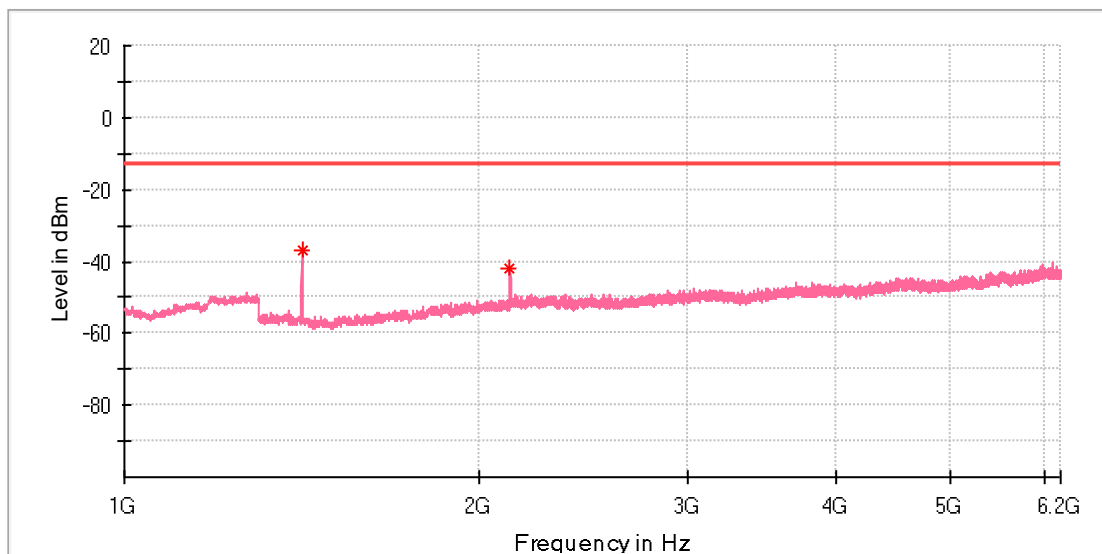
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1413.500000 | -38.21 | -13.00 | 25.21 | 100. | H | 283.0 | -92.5 |

Produkte
Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



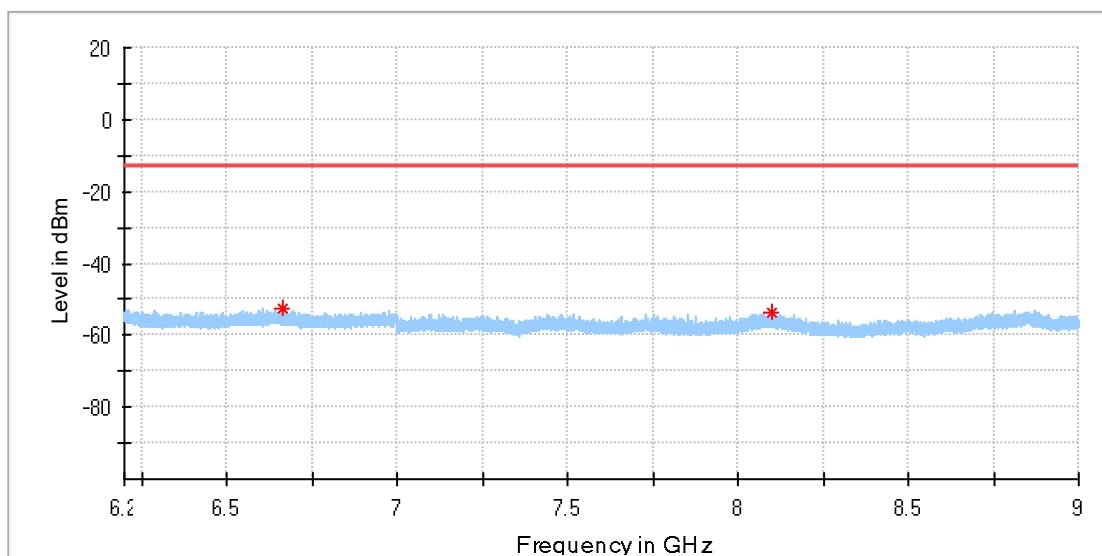
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 1414.000000 | -37.20 | -13.00 | 24.20 | 100. | V | 240.0 | -92.9 |
| 2121.000000 | -41.87 | -13.00 | 28.87 | 100. | V | 253.0 | -88.1 |

Produkte
Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



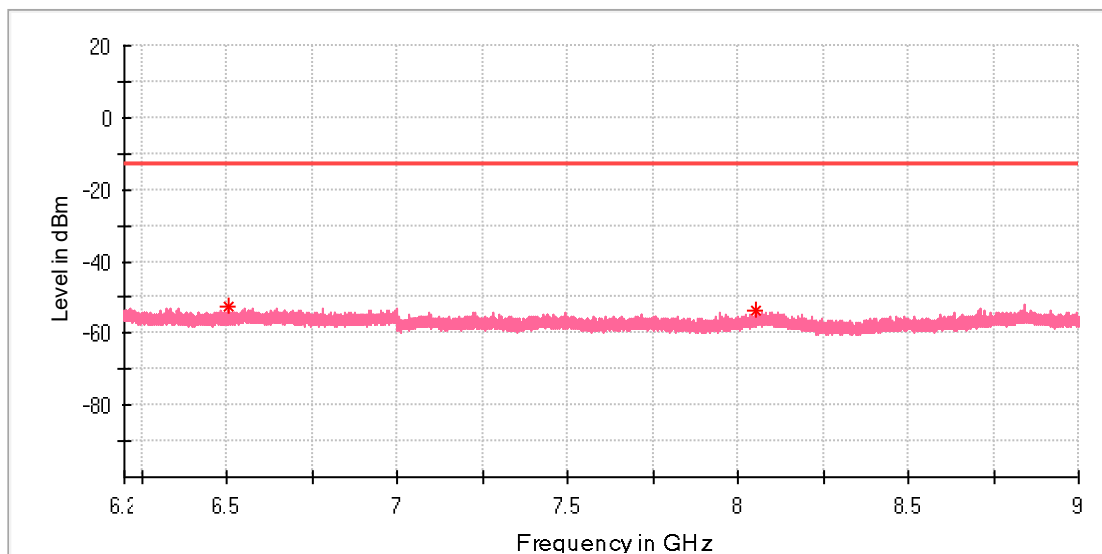
Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 6663.400000 | -52.31 | -13.00 | 39.31 | 100. | H | 0.0 | -87.6 |
| 8098.983333 | -53.54 | -13.00 | 40.54 | 100. | H | 303.0 | -86.7 |

Produkte
Products

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

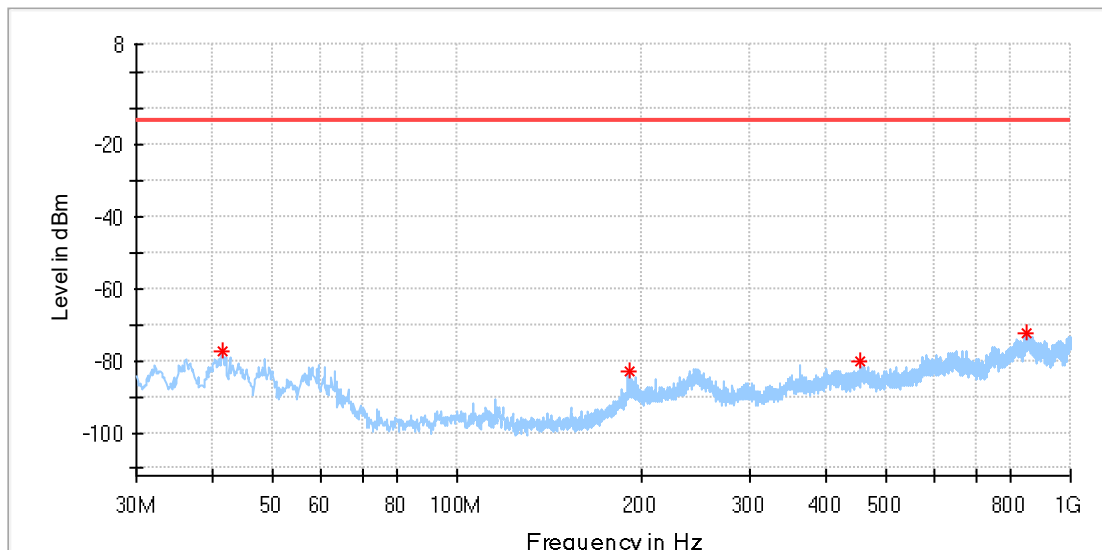
| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Po l | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|------|---------|------------|
| 6507.416667 | -52.80 | -13.00 | 39.80 | 100. | V | 256.0 | -87.7 |
| 8054.183333 | -53.70 | -13.00 | 40.70 | 100. | V | 340.0 | -86.8 |

Produkte
Products

Below 1GHz:

EUT Information

| | |
|---------------------|-------------------------------|
| EUT Name: | CAT-M Module |
| Model: | ME310G1-W3 |
| Test Mode: | B12_1.4M_QPSK_1@0_Mid Channel |
| Order No/Sample No: | 168335486/A003146834-010 |
| Test Voltage:: | DC 3.8V From DC Source |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC Part 27 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

| Frequency (MHz) | MaxPeak | Limit (dBm) | Margin | Height | Polarization | Azimuth | Corr. (dB) |
|-----------------|---------|-------------|--------|--------|--------------|---------|------------|
| 41.397500 | -77.13 | -13.00 | 64.13 | 100. | H | 229.0 | -112. |
| 191.141250 | -83.17 | -13.00 | 70.17 | 100. | H | 214.0 | -115. |
| 453.647500 | -80.34 | -13.00 | 67.34 | 100. | H | 0.0 | -108. |
| 849.892500 | -72.28 | -13.00 | 59.28 | 100. | H | 122.0 | -99.0 |