

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2349.650000	60.5	1000.0	1000.000	H	32.9	13.5	74.0
2390.000000	62.3	1000.0	1000.000	H	33.0	11.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2349.650000	46.5	1000.0	1000.000	H	32.9	7.6	54.0
2390.000000	46.5	1000.0	1000.000	H	33.0	7.5	54.0

Tested by: *Chris Liang*

20190627

Reviewed by: *Jacky Chen*

20190628

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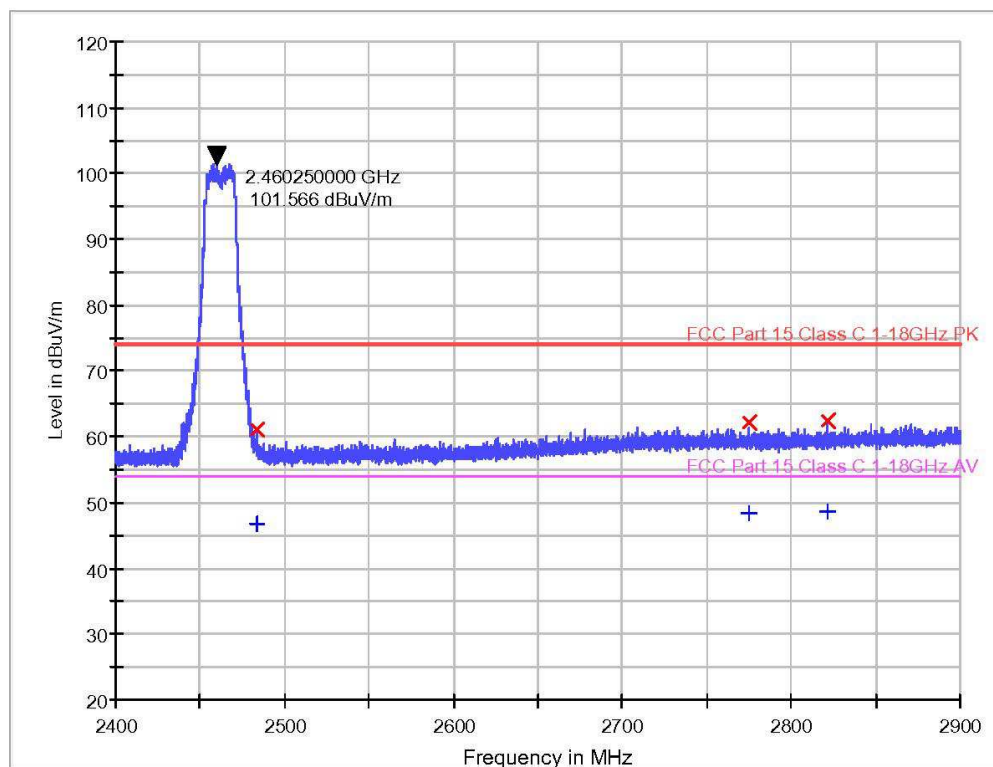
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 n HT20-High)
Climate Condition:	20 °C, 50 %, 101 kPa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



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Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2483.500000	61.1	1000.0	1000.000	V	33.2	12.9	74.0
2774.812500	62.2	1000.0	1000.000	V	34.4	11.8	74.0
2821.062500	62.6	1000.0	1000.000	V	34.5	11.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2483.500000	46.9	1000.0	1000.000	V	33.2	7.1	54.0
2774.812500	48.5	1000.0	1000.000	V	34.4	5.5	54.0
2821.062500	48.6	1000.0	1000.000	V	34.5	5.4	54.0

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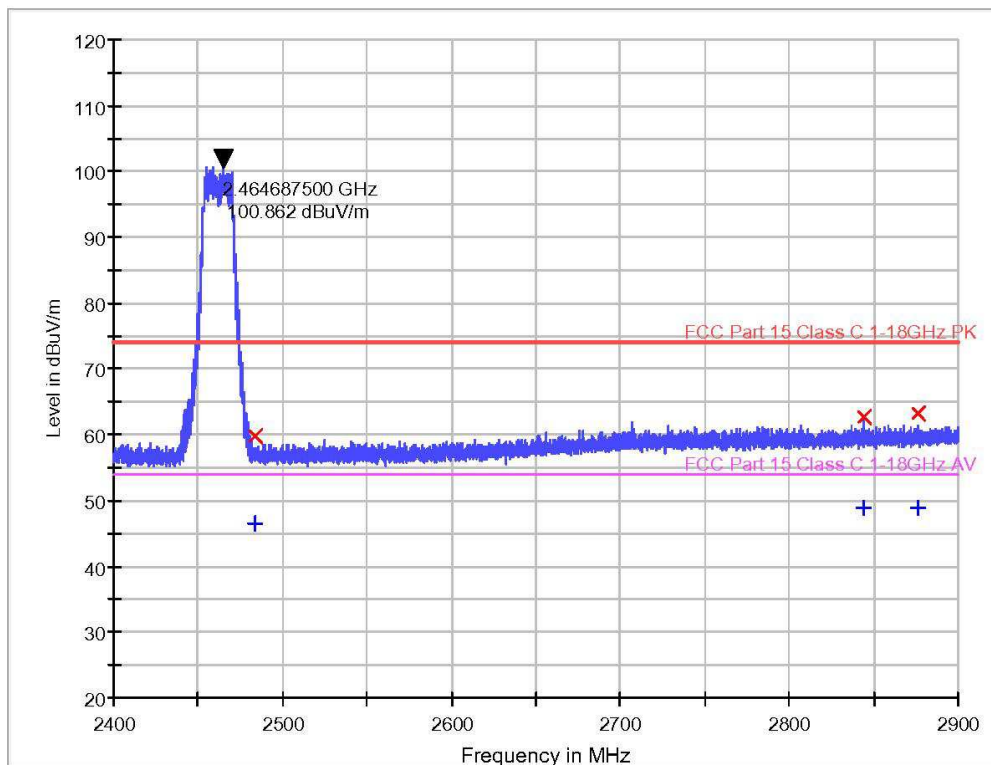
EMC Test Record (Emission)

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Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 n HT20-High)
Climate Condition:	20 °C, 50 %, 101 kPa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



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Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2483.500000	59.8	1000.0	1000.000	H	33.2	14.2	74.0
2844.375000	62.8	1000.0	1000.000	H	34.6	11.2	74.0
2876.687500	63.2	1000.0	1000.000	H	34.8	10.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2483.500000	46.5	1000.0	1000.000	H	33.2	7.5	54.0
2844.375000	48.8	1000.0	1000.000	H	34.6	5.2	54.0
2876.687500	49.0	1000.0	1000.000	H	34.8	5.0	54.0

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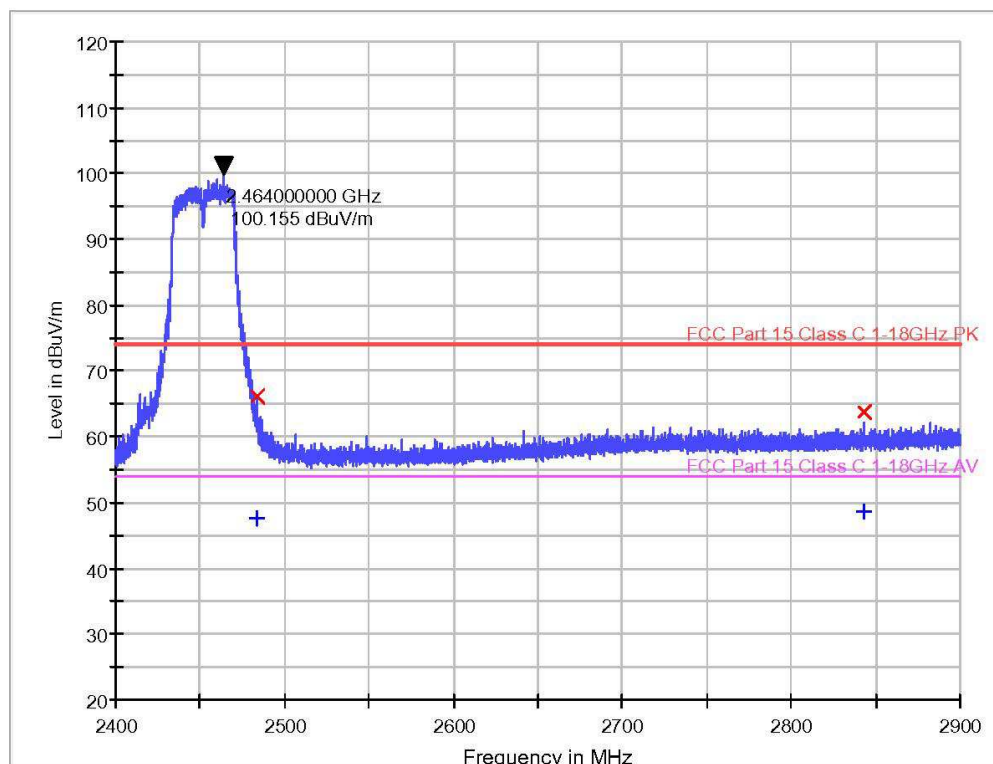
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 n HT40-High)
Climate Condition:	20 °C, 50 %, 101 kPa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



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Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2483.500000	66.2	1000.0	1000.000	V	33.2	7.8	74.0
2843.437500	63.8	1000.0	1000.000	V	34.6	10.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2483.500000	47.6	1000.0	1000.000	V	33.2	6.4	54.0
2843.437500	48.8	1000.0	1000.000	V	34.6	5.2	54.0

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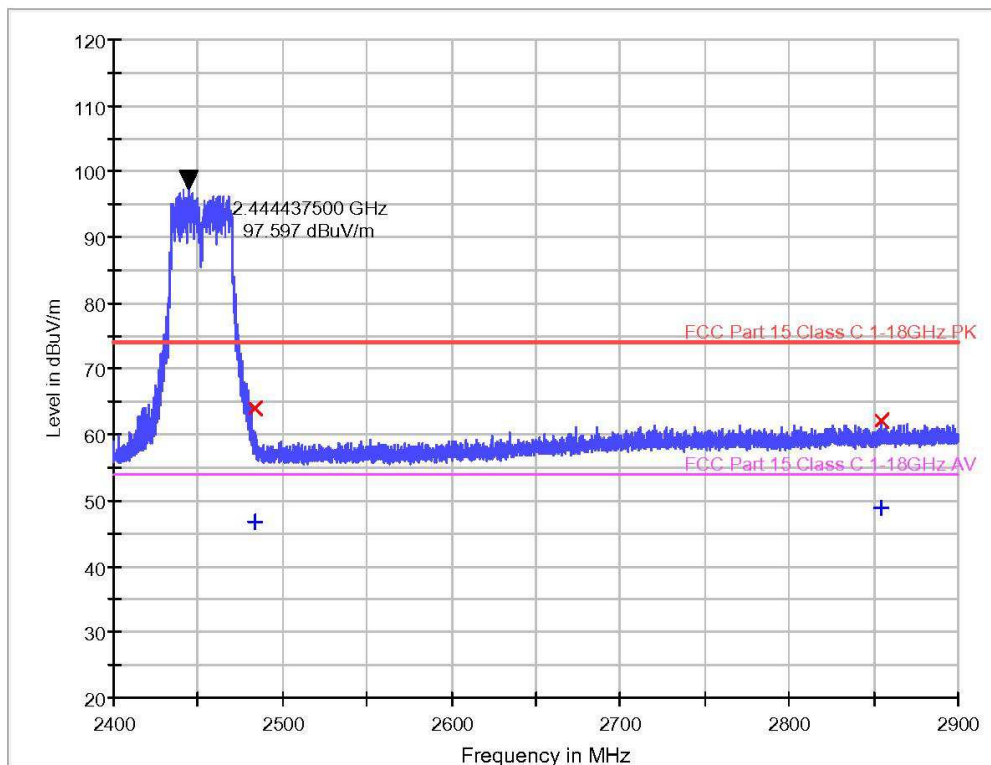
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Band edge
Operation Mode:	Transmitting (802.11 n HT40-High)
Climate Condition:	20 °C, 50 %, 101 kPa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-04_1GHz-18GHz



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Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2483.500000	63.9	1000.0	1000.000	H	33.2	10.1	74.0
2854.250000	62.1	1000.0	1000.000	H	34.7	12.0	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2483.500000	46.8	1000.0	1000.000	H	33.2	7.2	54.0
2854.250000	48.9	1000.0	1000.000	H	34.7	5.2	54.0

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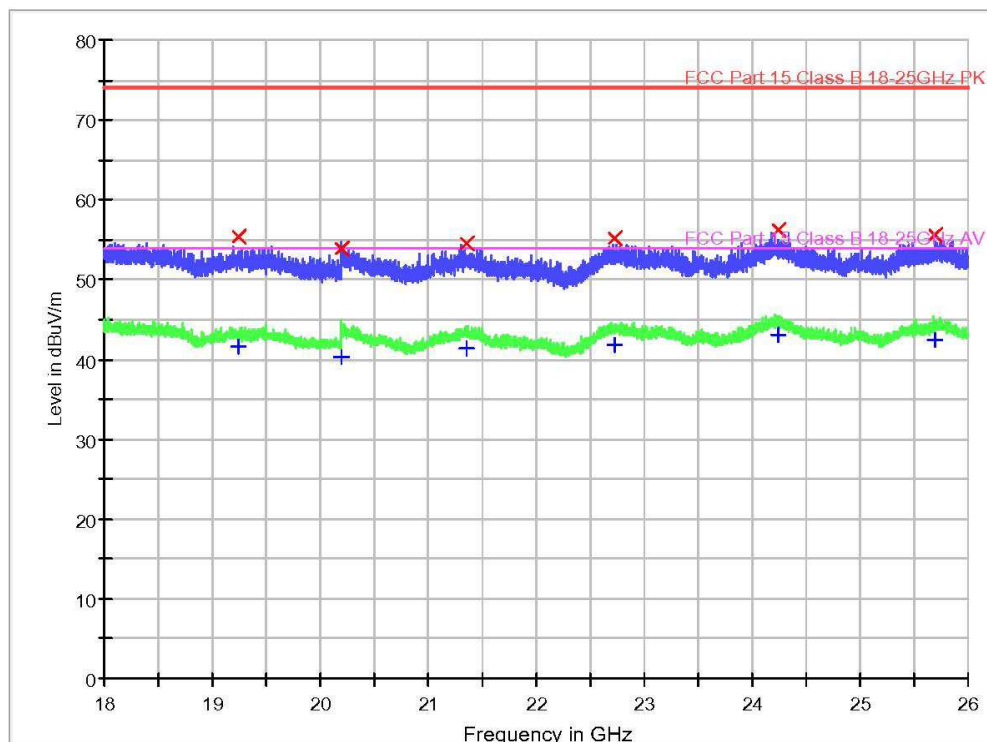
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11b-Low)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC Horn 3160-09

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:

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20190612

Reviewed by:

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Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
19239.000000	55.4	1000.0	1000.000	V	7.9	18.7	74.0
20200.000000	53.9	1000.0	1000.000	V	7.7	20.1	74.0
21361.000000	54.6	1000.0	1000.000	V	7.2	19.4	74.0
22725.000000	55.2	1000.0	1000.000	V	7.4	18.8	74.0
24243.000000	56.2	1000.0	1000.000	V	7.7	17.8	74.0
25691.000000	55.6	1000.0	1000.000	V	7.0	18.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
19239.000000	41.6	1000.0	1000.000	V	7.9	12.4	54.0
20200.000000	40.3	1000.0	1000.000	V	7.7	13.7	54.0
21361.000000	41.4	1000.0	1000.000	V	7.2	12.6	54.0
22725.000000	41.9	1000.0	1000.000	V	7.4	12.1	54.0
24243.000000	43.1	1000.0	1000.000	V	7.7	10.9	54.0
25691.000000	42.4	1000.0	1000.000	V	7.0	11.8	54.0

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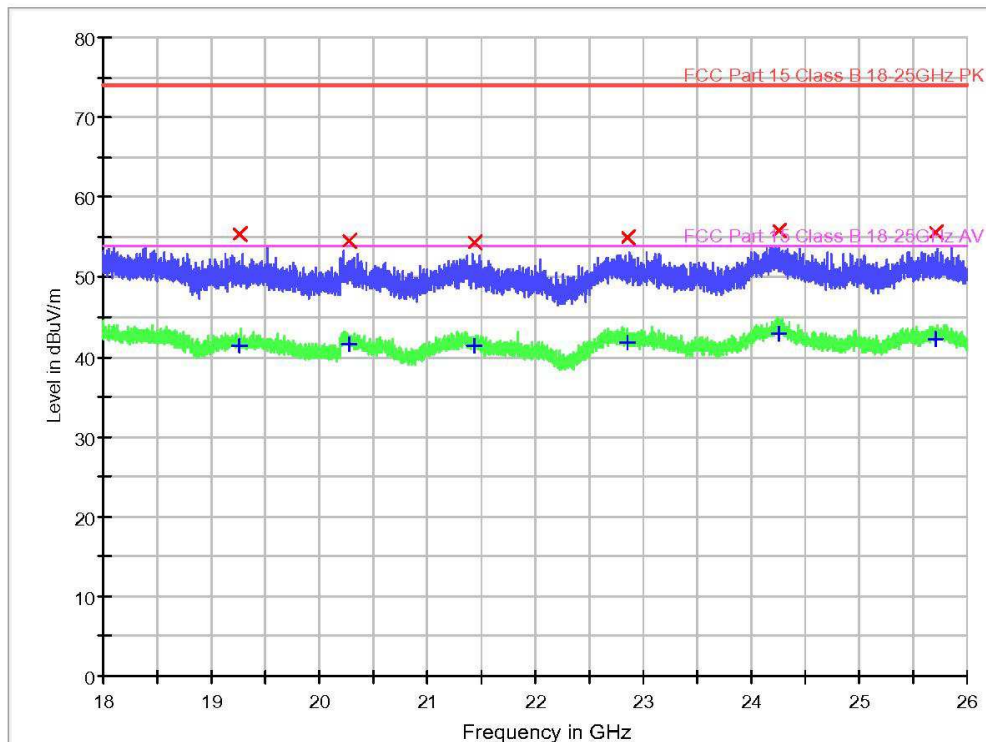
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11b-Low)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC Horn 3160-09

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



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Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
19263.000000	55.3	1000.0	1000.000	H	7.9	18.7	74.0
20271.000000	54.6	1000.0	1000.000	H	7.6	19.4	74.0
21436.000000	54.2	1000.0	1000.000	H	7.2	19.8	74.0
22852.000000	55.0	1000.0	1000.000	H	7.4	19.0	74.0
24258.000000	55.7	1000.0	1000.000	H	7.7	18.3	74.0
25702.000000	55.6	1000.0	1000.000	H	7.0	18.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
19263.000000	41.3	1000.0	1000.000	H	7.9	12.7	54.0
20271.000000	41.6	1000.0	1000.000	H	7.6	12.4	54.0
21436.000000	41.3	1000.0	1000.000	H	7.2	12.7	54.0
22852.000000	41.7	1000.0	1000.000	H	7.4	12.3	54.0
24258.000000	42.9	1000.0	1000.000	H	7.7	11.2	54.0
25702.000000	42.3	1000.0	1000.000	H	7.0	11.7	54.0

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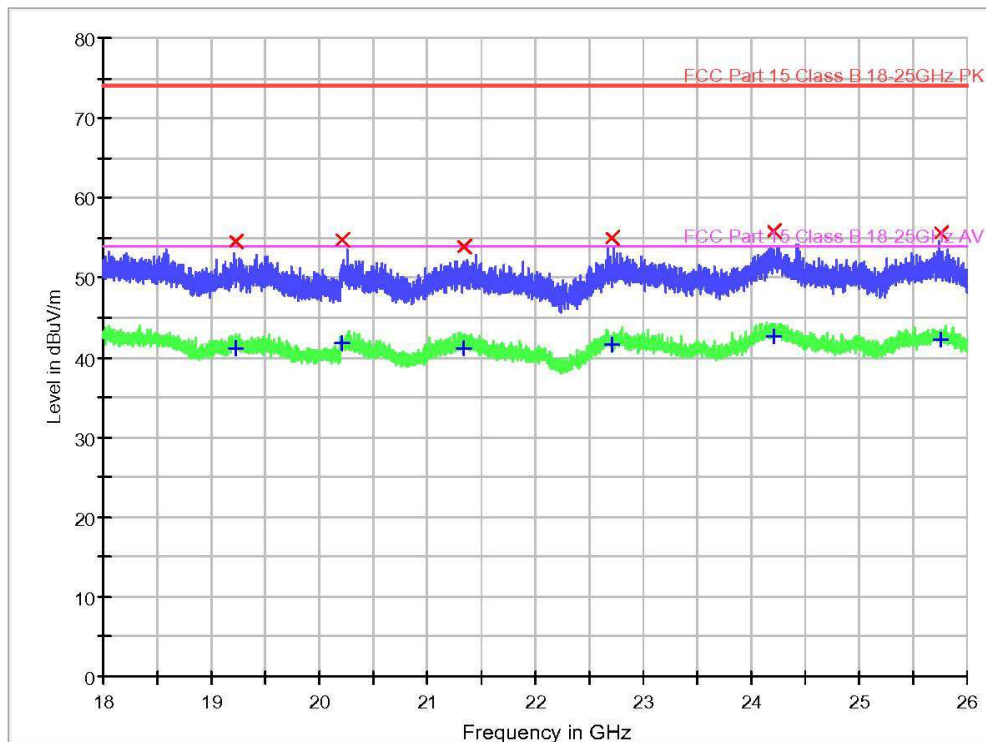
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11b-Middle)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC Horn 3160-09

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



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Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
19219.000000	54.6	1000.0	1000.000	V	7.9	19.4	74.0
20202.000000	54.7	1000.0	1000.000	V	7.7	19.3	74.0
21339.000000	54.0	1000.0	1000.000	V	7.2	20.0	74.0
22717.000000	55.0	1000.0	1000.000	V	7.4	19.1	74.0
24215.000000	55.8	1000.0	1000.000	V	7.7	18.2	74.0
25754.000000	55.6	1000.0	1000.000	V	7.1	18.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
19219.000000	41.2	1000.0	1000.000	V	7.9	12.8	54.0
20202.000000	41.7	1000.0	1000.000	V	7.7	12.3	54.0
21339.000000	41.1	1000.0	1000.000	V	7.2	12.9	54.0
22717.000000	41.6	1000.0	1000.000	V	7.4	12.4	54.0
24215.000000	42.8	1000.0	1000.000	V	7.7	11.3	54.0
25754.000000	42.2	1000.0	1000.000	V	7.1	11.8	54.0

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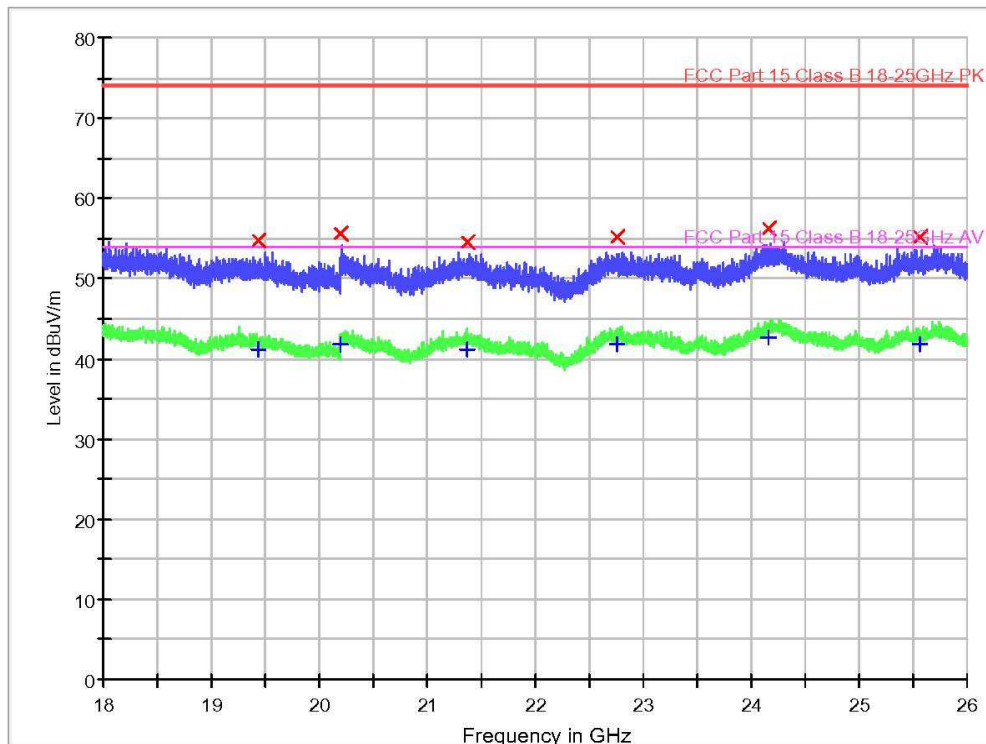
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Common Information

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Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
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Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC Horn 3160-09

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19436.000000	54.8	1000.0	1000.000	H	7.9	19.2	74.0
20201.000000	55.7	1000.0	1000.000	H	7.7	18.3	74.0
21369.000000	54.5	1000.0	1000.000	H	7.2	19.5	74.0
22762.000000	55.3	1000.0	1000.000	H	7.4	18.7	74.0
24164.000000	56.1	1000.0	1000.000	H	7.7	17.9	74.0
25571.000000	55.2	1000.0	1000.000	H	7.0	18.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
19436.000000	41.2	1000.0	1000.000	H	7.9	12.8	54.0
20201.000000	41.9	1000.0	1000.000	H	7.7	12.1	54.0
21369.000000	41.2	1000.0	1000.000	H	7.2	12.8	54.0
22762.000000	41.7	1000.0	1000.000	H	7.4	12.3	54.0
24164.000000	42.6	1000.0	1000.000	H	7.7	11.4	54.0
25571.000000	41.8	1000.0	1000.000	H	7.0	12.2	54.0

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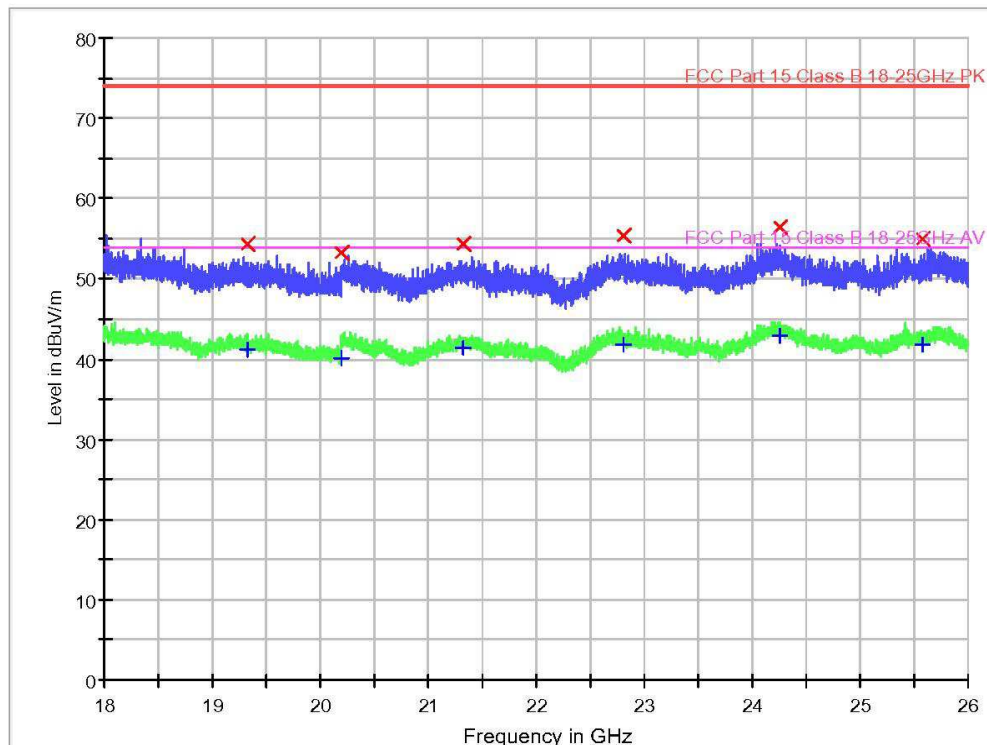
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Common Information

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Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
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Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC Horn 3160-09

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



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Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
19318.000000	54.3	1000.0	1000.000	V	7.9	19.7	74.0
20200.000000	53.2	1000.0	1000.000	V	7.7	20.8	74.0
21330.000000	54.4	1000.0	1000.000	V	7.2	19.6	74.0
22800.000000	55.4	1000.0	1000.000	V	7.4	18.6	74.0
24250.000000	56.4	1000.0	1000.000	V	7.7	17.7	74.0
25584.000000	54.9	1000.0	1000.000	V	7.0	19.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
19318.000000	41.2	1000.0	1000.000	V	7.9	12.8	54.0
20200.000000	40.0	1000.0	1000.000	V	7.7	14.0	54.0
21330.000000	41.3	1000.0	1000.000	V	7.2	12.7	54.0
22800.000000	41.9	1000.0	1000.000	V	7.4	12.1	54.0
24250.000000	42.9	1000.0	1000.000	V	7.7	11.1	54.0
25584.000000	41.9	1000.0	1000.000	V	7.0	12.1	54.0

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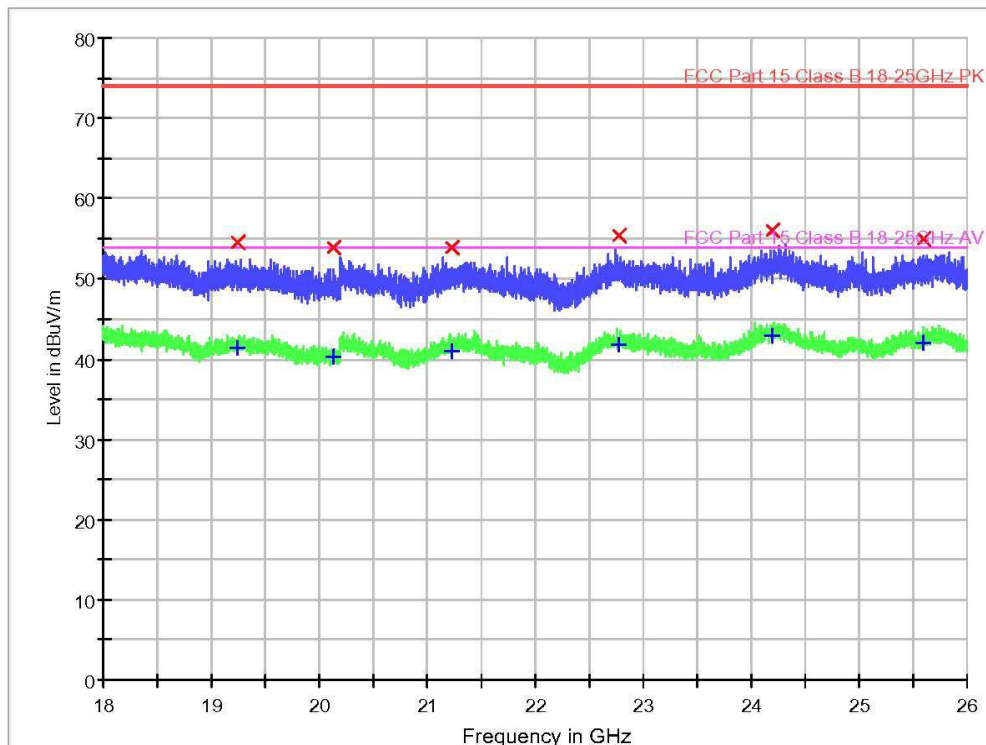
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Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11b-High)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC Horn 3160-09

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:

Chris Liang

20190612

Reviewed by:

Jacky Chen

20190624

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
19247.000000	54.6	1000.0	1000.000	H	7.9	19.4	74.0
20123.000000	53.9	1000.0	1000.000	H	7.7	20.1	74.0
21232.000000	53.9	1000.0	1000.000	H	7.2	20.1	74.0
22768.000000	55.3	1000.0	1000.000	H	7.4	18.7	74.0
24194.000000	56.1	1000.0	1000.000	H	7.7	17.9	74.0
25601.000000	54.9	1000.0	1000.000	H	7.0	19.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
19247.000000	41.4	1000.0	1000.000	H	7.9	12.6	54.0
20123.000000	40.3	1000.0	1000.000	H	7.7	13.7	54.0
21232.000000	41.0	1000.0	1000.000	H	7.2	13.0	54.0
22768.000000	41.8	1000.0	1000.000	H	7.4	12.2	54.0
24194.000000	42.8	1000.0	1000.000	H	7.7	11.2	54.0
25601.000000	41.9	1000.0	1000.000	H	7.0	12.1	54.0

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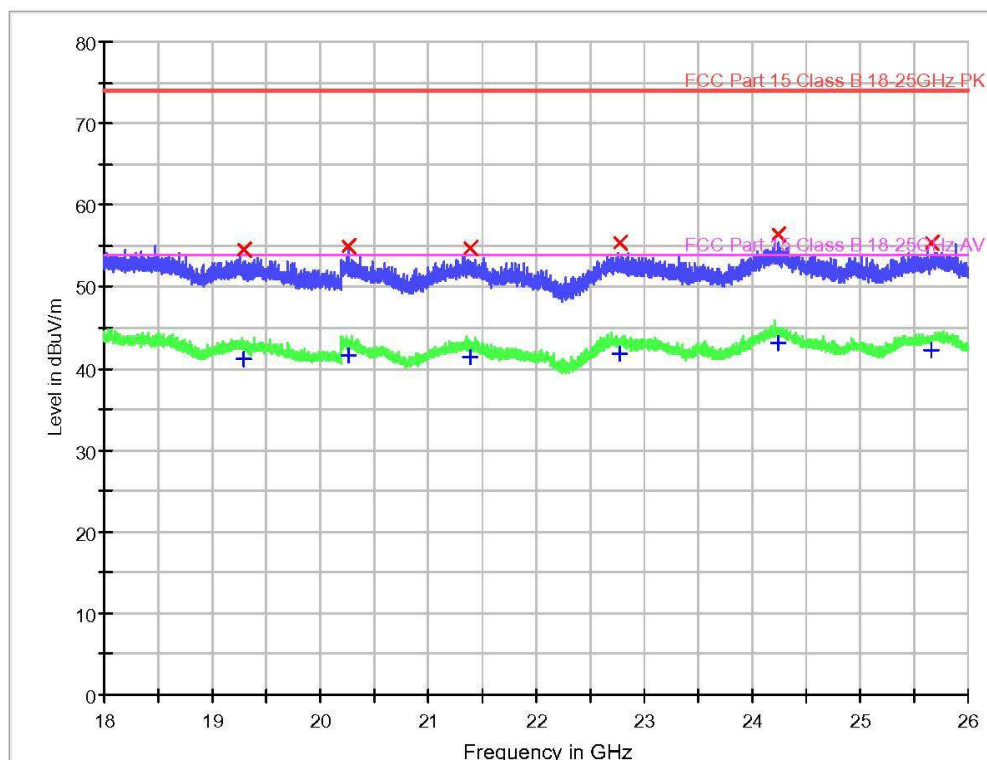
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11g-Low)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

Subrange 1
Frequency Range: 18GHz-26GHz
Receiver: TUV FSP30
Transducer: TUV SAC Horn 3160-09

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by: Chris Liang

20190612

Reviewed by: Jacky Chen

20190624

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
19286.000000	54.6	1000.0	1000.000	H	7.9	19.4	74.0
20250.000000	54.9	1000.0	1000.000	H	7.6	19.1	74.0
21390.000000	54.9	1000.0	1000.000	H	7.2	19.2	74.0
22778.000000	55.3	1000.0	1000.000	H	7.4	18.7	74.0
24241.000000	56.5	1000.0	1000.000	H	7.7	17.5	74.0
25661.000000	55.4	1000.0	1000.000	H	7.0	18.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
19286.000000	41.2	1000.0	1000.000	H	7.9	12.8	54.0
20250.000000	41.6	1000.0	1000.000	H	7.6	12.4	54.0
21390.000000	41.4	1000.0	1000.000	H	7.2	12.6	54.0
22778.000000	41.8	1000.0	1000.000	H	7.4	12.2	54.0
24241.000000	43.0	1000.0	1000.000	H	7.7	11.0	54.0
25661.000000	42.2	1000.0	1000.000	H	7.0	11.8	54.0

Tested by: *Chris Liang*

20190612

Reviewed by: *Jacky Chen*

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

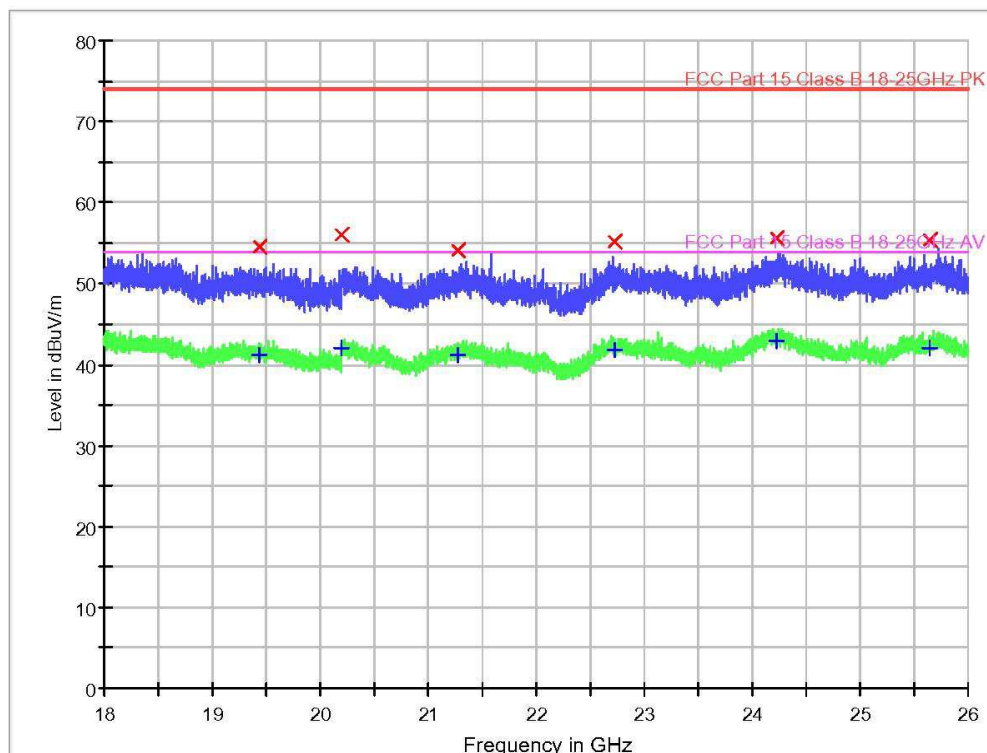
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11g-Low)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC Horn 3160-09

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by: *Chris Liang*
20190612

Reviewed by: *Jacky Chen*
20190624

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EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
19432.000000	54.6	1000.0	1000.000	H	7.9	19.4	74.0
20201.000000	56.0	1000.0	1000.000	H	7.7	18.0	74.0
21276.000000	54.2	1000.0	1000.000	H	7.2	19.8	74.0
22733.000000	55.1	1000.0	1000.000	H	7.4	18.9	74.0
24218.000000	55.6	1000.0	1000.000	H	7.7	18.4	74.0
25647.000000	55.5	1000.0	1000.000	H	7.0	18.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
19432.000000	41.2	1000.0	1000.000	H	7.9	12.8	54.0
20201.000000	41.9	1000.0	1000.000	H	7.7	12.1	54.0
21276.000000	41.1	1000.0	1000.000	H	7.2	12.9	54.0
22733.000000	41.8	1000.0	1000.000	H	7.4	12.2	54.0
24218.000000	42.8	1000.0	1000.000	H	7.7	11.2	54.0
25647.000000	42.0	1000.0	1000.000	H	7.0	12.0	54.0

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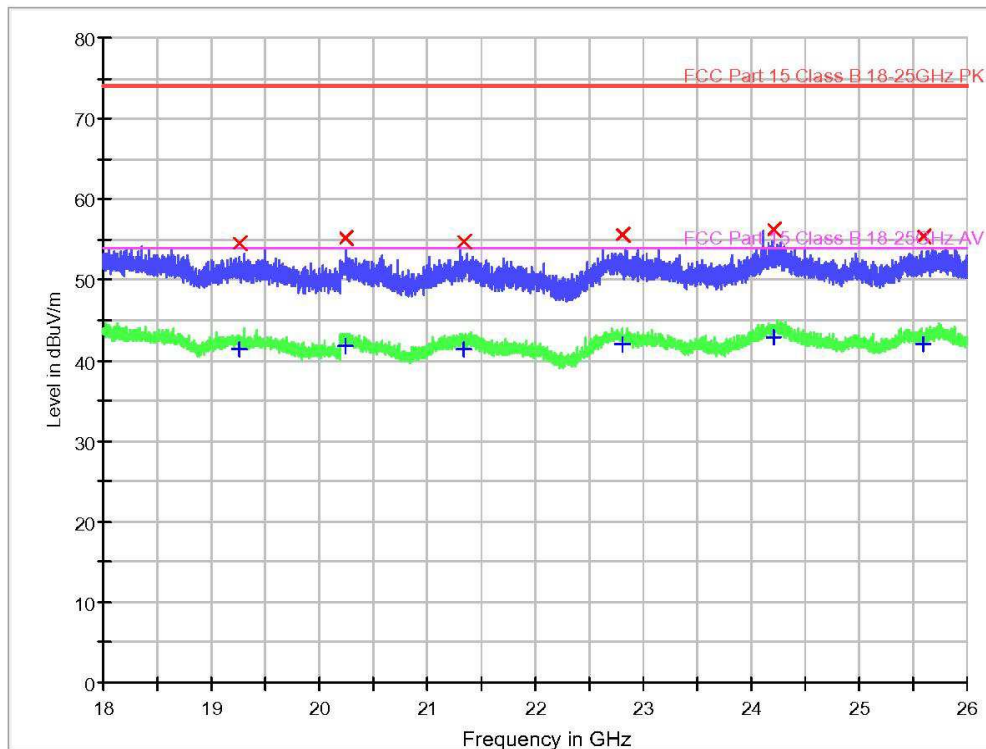
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11g-Middle)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Vertical

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC Horn 3160-09

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by: *Chris Liang*
20190612

Reviewed by: *Jacky Chen*
20190624

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EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
19263.000000	54.5	1000.0	1000.000	V	7.9	19.5	74.0
20244.000000	55.2	1000.0	1000.000	V	7.6	18.8	74.0
21334.000000	54.8	1000.0	1000.000	V	7.2	19.2	74.0
22807.000000	55.6	1000.0	1000.000	V	7.4	18.4	74.0
24203.000000	56.3	1000.0	1000.000	V	7.7	17.7	74.0
25596.000000	55.5	1000.0	1000.000	V	7.0	18.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
19263.000000	41.4	1000.0	1000.000	V	7.9	12.6	54.0
20244.000000	41.7	1000.0	1000.000	V	7.6	12.3	54.0
21334.000000	41.4	1000.0	1000.000	V	7.2	12.6	54.0
22807.000000	42.0	1000.0	1000.000	V	7.4	12.0	54.0
24203.000000	43.0	1000.0	1000.000	V	7.7	11.0	54.0
25596.000000	42.0	1000.0	1000.000	V	7.0	12.0	54.0

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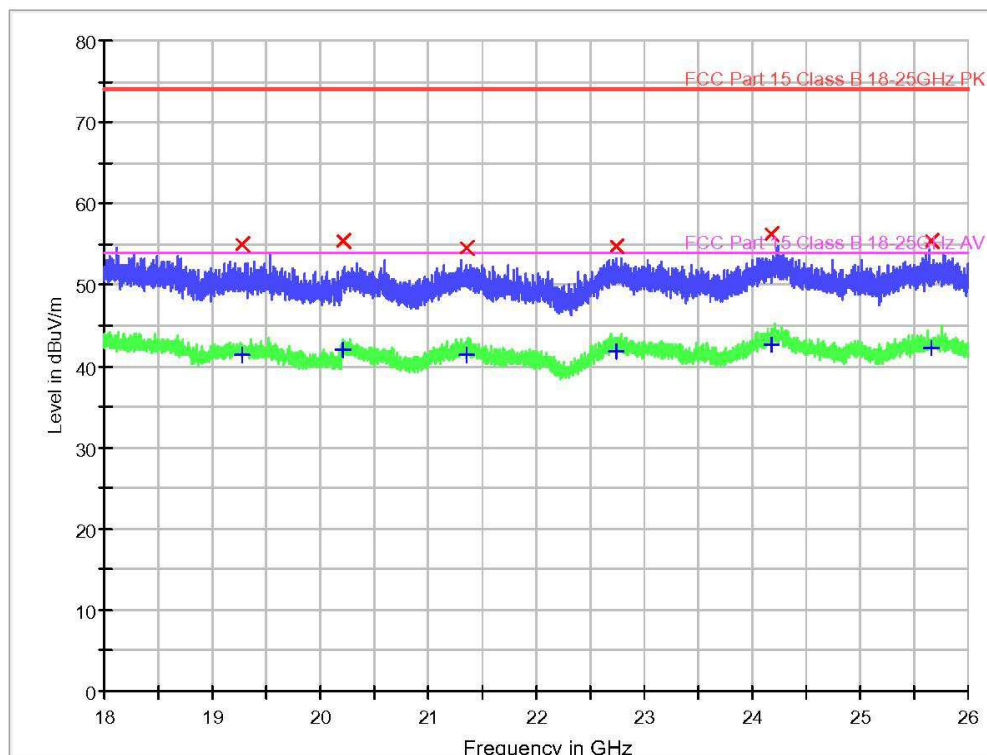
EMC Test Record (Emission)

Common Information

Manufacturer:	Midea
Test Item:	Wi-Fi Module
Identification:	QCA4004SIP
Test Standard:	FCC Part 15
Test Detail:	Spurious Emission
Operation Mode:	Transmitting (802.11g-Middle)
Climate Condition:	20 °C, 50 %, 101 k Pa
Test Voltage/ Freq:	DC 5.0V
Receipt No:	170109196
Report No:	/
Result:	Pass
Comment:	Horizontal

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC Horn 3160-09

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



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